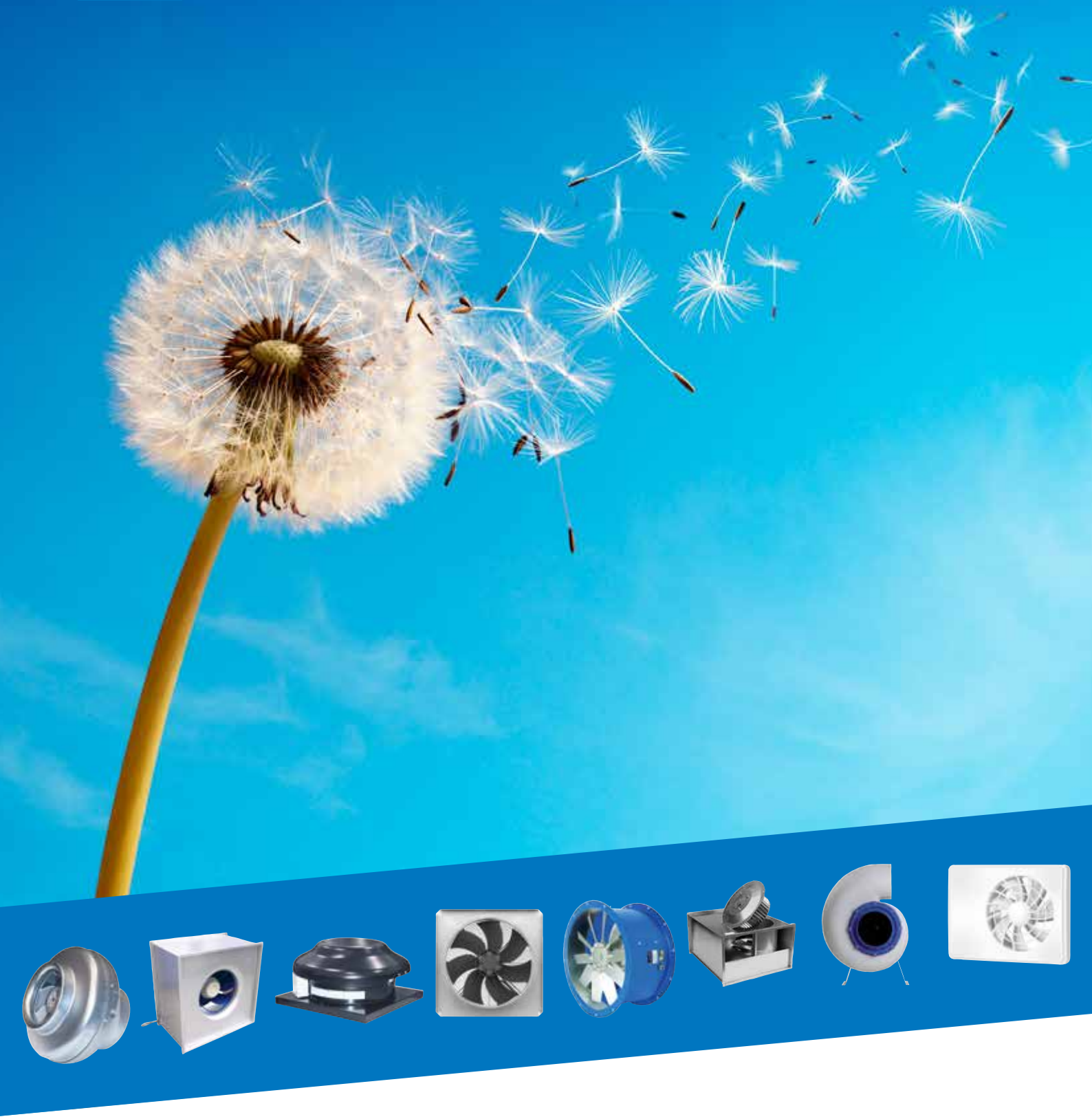


Lindab **Fan Assortment**

Circular, rectangular, roof, axial, smoke evacuation, ATEX rated, corrosion resistant and domestic fans

Lindab®

Fans - Overview

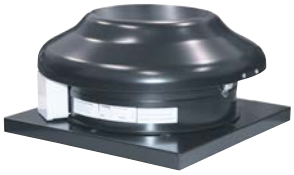
Circular Duct Fans

Lindab has a wide variety of circular duct fans suitable for multiple installation types. We can offer the basic TF product up to the impressive CF type with motor out of the air stream.

Rectangular Duct Fans

We can offer a broad range of rectangular duct fans to suit all installation types. Don't forget to discuss your exact requirements with your local sales agent. Just because it's not part of our catalogue, doesn't mean we can't offer it!

Roof Fans



Roof fans can be an option where mechanical noise is not acceptable within a building and must be placed externally. We have horizontal & vertical airflow patterns available, along with some small compact models.

Axial Fans

Axial fans offer an excellent solution on low pressure systems. Our high quality plate & cased mounted axial fans are a simple solution to general ventilation requirements.

Smoke Evacuation Fans

Combining Lindab's strong competence in Fire & Smoke we have developed a smoke evacuation range which complements our smoke evacuation duct and dampers.

ATEX Rated fans

With effective and safe supply & extract of air to critical applications a must in today's ventilation environment, Lindab have developed this extensive range of ATEX rated fans. Please discuss this more with your local sales team.

Corrosion Resistant Fans

Corrosive environments require specialised ventilation with extremely high quality products. Lindab has developed their corrosion resistant fans with this in mind. There are many different models & configurations available, so please provide us with your requirements so we can prepare the best offer to best suit your application.

Domestic Fans

Quick & easy decentralised extract fans for use in WC or kitchen applications. Where centralised extract units are not viable, these products can offer a quick and easy means of ventilation in the home.

Fresh air is one of the most important preconditions for life itself. However, all air contains pollutants, to different degrees, depending on time and place. Much is done to lower the emissions that make our outdoor air poor. Very little, however, is done to improve indoor air quality. This in spite of the fact that people in many parts of the world spend almost all their time inside. In Northern Europe, people spend as much as 90 percent of their time indoors.

People feel better if we have clean air to breathe. We become more effective and perform better, whether it is at work, in school or at home. Also, as a number of studies have shown, the number of sick days taken go down with increasing air flows. So it should be a given for everyone to demand good air quality in all of our surroundings.

Factors Affecting Air Quality

Air Velocity

The indoor air must not be still if it is to maintain a high quality. The whole idea of ventilation is to take away the stale air and replace it with fresh air. When air is moving too fast, however, people experience negative effects. Draft is, for many people, as big a problem as stale air. It is therefore important to be able to control the air velocities in well-ventilated rooms.

Humidity

In recent years, “dry air” has become a buzzword and many people ask for air humidifiers. We think that the air is too dry and the solution frequently becomes to add humidity. Very often the diagnosis dry air is wrong. Instead it is usually a question of too high a temperature or too many pollutants in the air. A lowering of the temperature gives a higher relative humidity. Therefore, the best thing to do when the air feels dry is to lower the temperature.

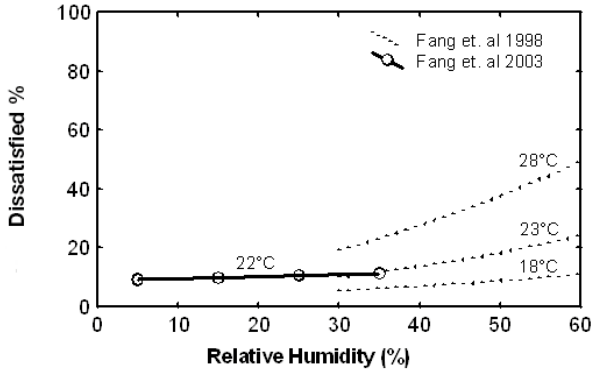
Temperature

Proper temperature during wintertime is 20-22°C, during summertime it is 22-24° C. There are many surveys that have shown that a temperature differential as little as a couple of degrees too high or low significantly decreases our performance. Not only is our effectiveness impacted but also our safety. Simply speaking, we get worse at doing what we do, our ability to think clearly goes down

and our work result becomes totally different that if we had done it at better temperature conditions. If the environment is too warm, the ability to think clearly is diminished by 30-50 percent.

Air Pollution

The pollution of indoor air is the sum of pollutants from several different sources. Outdoor air that is not cleaned can get in, both through the ventilation system and through other openings in the building. Construction material and interiors can also emit pollutants. Surveys show that diseases such as lung cancer, asthma, and other lung disorders are more common among people who have lived in areas with high pollution levels. Increased fresh air volume and reduction of pollution sources give healthier people.



The impact of humidity and temperature on perceived air quality expressed in percent dissatisfied is strong. Perception of clean air during whole-body exposure of persons to different levels of indoor air enthalpy (Fang et al., 1998a, 2003).

Indoor Climate and Health

An adult breathes approximately 30 kilos of air, corresponding to 25 000 litres, every day. Compare this with 1 kg of food and 3 kg of water per day. In Northern Europe, people spend as much as 90 percent of their time indoors. Yet we focus much more on outdoor air than indoor air. To make us feel well and stay healthy, it is important to lower the number of pollutants in the indoor air. We also need to lower the level of pollutants that are there in total. Various studies show that there is a correlation between bad indoor air quality and health problems and sick leaves.

Productivity

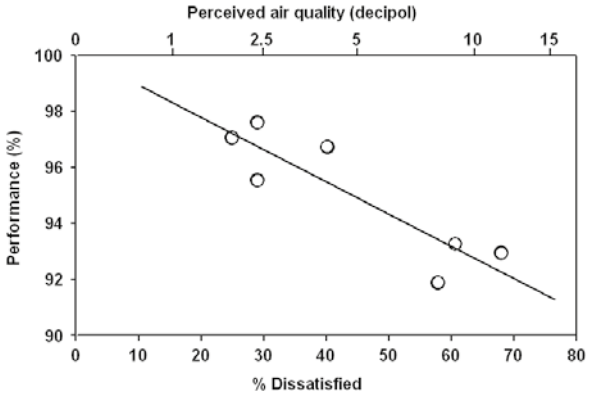
The impact of high indoor air quality compared with the mediocre air that is present in many existing office buildings worldwide may easily increase productivity by 5-10%. The actual cost of decreased productivity due to mediocre indoor air quality depends of course on local wages but can often be of similar magnitude or even higher than energy costs, capital costs, and the cost of operating the building. In life cycle cost analyses of office buildings, productivity needs to be included and will often be an important or even dominating factor compared to all other costs related to the construction and operation of a building.

- Performance of simulated office work is estimated to increase on average by 1.5% for every 10% decrease in the percentage of persons dissatisfied with the air quality.
- The overall performance of office tasks is estimated to increase by 1.9% for every twofold increase in the ventilation rate at constant pollution load or for every two-fold decrease of the pollution load at constant ventilation rate.

Energy and cost

A good ventilation system does not require a large energy investment. On the contrary, a good ventilation system lowers energy use compared to a natural draft system. Natural draft doesn't use any additional energy to work like fan controlled systems. However, natural draft ventilation still uses a lot of energy since all heat disappears with the exhaust air. Instead of heating a building you wind up heating the entire neighbourhood. The most energy efficient systems are those were fans give you control over both the supply and exhaust air flows and where the heat recovery system is installed to make use of the heat content in the exhaust air.

Before making the investment it is important to calculate LCC, or Life Cycle Cost. That is what it costs to invest in, to run and maintain and to eventually perhaps take away and destroy. If you calculate LCC for a ventilation system the cost of purchase is a very small portion of the total, while the cost of heating/cooling and ventilating is a considerable part of the running cost for a building. To lower that cost it is important to focus on an effective ventilation system.



Relation between perceived air quality and productivity (Wargocki et al., 2000b)

Today's Research and the Demands of Tomorrow
Professors and students at the Technical University of Denmark (DTU), the world's leading research institute for indoor environment, health and comfort, are working with research to better understand how important the indoor air is for our well-being. A number of different studies have been made. For example:

Study: Dampness in Buildings and Health (including The Värmland Study)
Issue / Problem: Why do people get sick in damp buildings? (How does indoor air affect children?)
Facts: Study over 4 years, but will probably continue for decades. 11 000 children in survey. 400 in extended survey. Extensive medical examination. Home environment studied in detail.
Result: Condensation indicates bad ventilation. A lot of dampness indicates a higher risk for children to develop allergies or asthma.
Research Institute: Made by DTU in cooperation with Universities and approx. 20 other institutions in Denmark, Sweden, Norway, Holland and USA.

Study: The Bamse Study
Issue / Problem: Why do children become allergic?
Facts: One of the largest researches made of children ever. 4000 children born in 1994 and 1996 have been followed since they were born. Made in Stockholm, Sweden.
Result: At 4 years age 40 % of the children had some type of allergies. Risk factors found: poor indoor climate, smoking, short period of breast feeding. More than one risk factor present gives large increase.
Research Institute: Cooperation between Labour and Environmental Medicine, Astrid Lindgren's children hospital and Karolinska Institutet, Sweden.
Study: The Massachusetts Study
Issue / Problem: Is performance affected by the air flow?
Facts: Study over 4 years, but will probably continue for decades. 11 000 children in survey. 400 in extended survey. Extensive medical examination. Home environment studied in detail.
Result: Condensation indicates bad ventilation. A lot of dampness indicates a higher risk for children to develop allergies or asthma.
Research Institute: Made by DTU in cooperation with Universities and approx. 20 other institutions in Denmark, Sweden, Norway, Holland and USA.

Study: Perceived air quality, sick building syndrome (SBS) symptoms and productivity in an office with two different pollution loads.
Issue / Problem: Does the quality of indoor air affect productivity?
Facts: Altogether three studies were made. A well-controlled normal office (field lab) was used in which two different air qualities were established by including or excluding an extra pollution source, invisible to the occupants. The two cases corresponded to a low-polluting and a non-low-polluting building as specified in the European guidelines for the design of indoor environments (CEN, 1998). The same subjects worked for 4 ½ hours on simulated office work in each of the two air qualities. The ventilation rate and all other environmental factors were the same under the two conditions.
Result: The productivity of the subjects was found to be 6.5% higher ($P<0.003$) in good air quality and they also made fewer errors and experienced fewer SBS symptoms. The productivity increased significantly with increased ventilation.
Research Institute: DTU (Wargocki et al., 1999, Wargocki et al., 2002a, Wargocki et al, 2000b) in Denmark and Sweden.

Study: a) Upper limits for air humidity to prevent warm respiratory discomfort enthalpy.
b) Sick building syndrome symptoms caused by low humidity.
Issue / Problem: How does temperature and humidity of indoor air affect us?
Facts: a) 36 subjects judged the acceptability of air polluted by different typical building materials in a climate chamber. The enthalpy was changed in the room while the chemical composition of the air was constant and the thermal sensation for the entire body was kept neutral by modification of the subjects' clothing. The acceptability did not change with time, i.e. no adaptation took place.
b) Humidity studies in a climate chamber.
Result: The air should preferably be offered rather cool and dry. People perceive the indoor air quality better at 20°C and 40% RH and a small ventilation rate of 3.5 l/s per person than at 23°C and 50% RH at a ventilation rate of 10 l/s per person. Studies at very low air humidities between 5 and 35% RH have demonstrated that lower humidities than hitherto assumed can be used with positive effect on perceived air quality. At 5% the blinking rate of the eye increased, however, and the productivity decreased significantly. A humidity level of 15 or 20% RH can, however, be endured without negative effects and has still the above-mentioned positive effects on perceived air quality.
Research Institute: DTU, Denmark (a) Fang et al., 1998a, 2003 b) Wyon et al., 2002 Fang et al., 2003)

Checklist for an Adequate Ventilation System

To construct a proper ventilation system you should be able to tick all the boxes in the checklist below:

- ✓ Good indoor climate
  - Lack of draft
  - Low noise level
  - Appropriate temperature
  - Good air quality
- ✓ Low energy use
- ✓ Simple adjustments
- ✓ Low life cycle cost (total cost)
  - Material cost
  - Installation cost
  - Heating/cooling cost
  - Fan electricity cost
- ✓ Easy to operate and maintain and supplied with detailed instructions.

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Circular Duct fans

Lindab®

Content

Circular Duct Fan TF

Description

The TF is an in-line centrifugal duct fan with high capacity and excellent reliability. The straight through radial fan is compact and very easy to install. It can cope with high pressure and long duct runs, whilst still operating at acceptable sound levels.

The TF range of fans have casings manufactured from galvanized steel and are moisture resistant. They are approved for installation in humid or damp environments being rated IP44 when installed in a duct system.

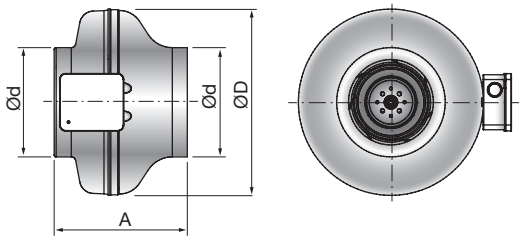
The fan speed can be controlled by voltage variation regulators. Several fans can be connected to the same controller providing the total rating of the controller is not exceeded.

The motors are an external rotor type motor. They have maintenance free sealed ball bearings and are protected from over heating by thermo contacts.

Ordering example

TF	100	H
Product		
Size		
Performance		

Dimensions

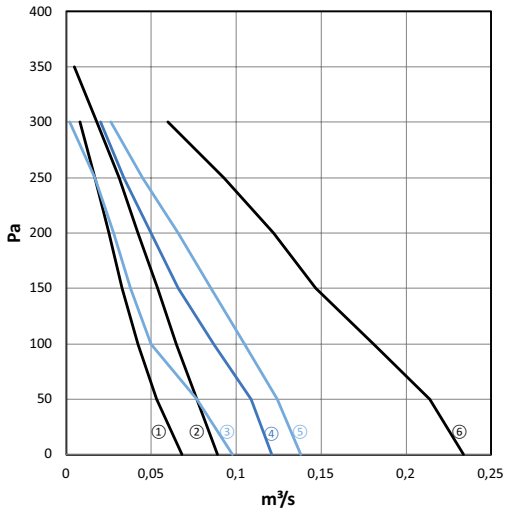


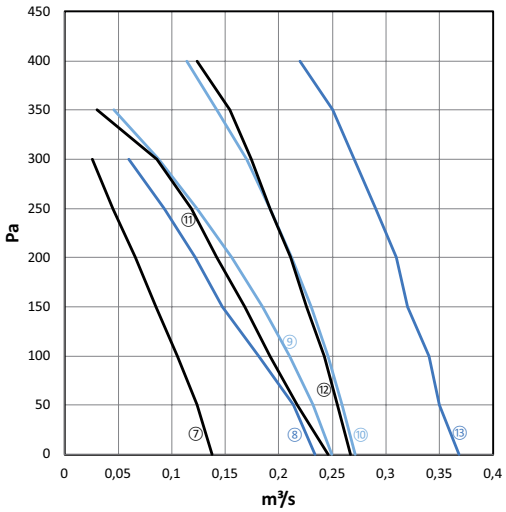
Product	Ød nom	ØD nom	A mm	m kg
TF100	100	243	188	2,60
TF100H	100	243	188	2,60
TF125	125	243	188	2,70
TF125H	125	243	188	2,70
TF150	150	271	191	3,00
TF150H	150	345	228	4,00
TF160	160	271	195	2,90
TF160H	160	345	226	4,00
TF200	200	345	228	4,20
TF200H	200	345	228	4,90
TF250	250	345	228	4,30
TF250H	250	345	228	4,90
TF315	315	402	257	5,90

All fans are 230 volt.

Circular Duct Fan TF

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	TF100	0,068	0,053	0,042	0,033	0,025	0,017	0,008			41	0,18	1730
2	TF100H	0,089	0,077	0,065	0,054	0,042	0,031	0,018	0,005		62	0,27	2530
3	TF125	0,098	0,077	0,05	0,038	0,028	0,017	0,002			40	0,18	1640
4	TF125H	0,121	0,109	0,087	0,066	0,05	0,034	0,02			62	0,27	2480
5	TF150	0,138	0,124	0,105	0,085	0,066	0,045	0,026			62	0,27	2540
6	TF150H	0,234	0,214	0,181	0,147	0,122	0,903	0,06			101	0,44	2480
7	TF160	0,138	0,124	0,105	0,085	0,066	0,045	0,026			62	0,27	2540
8	TF160H	0,234	0,214	0,181	0,147	0,122	0,093	0,06			101	0,44	2480
9	TF200	0,249	0,232	0,21	0,185	0,156	0,124	0,088	0,046		115	0,51	2580
10	TF200H	0,271	0,259	0,246	0,23	0,212	0,192	0,17	0,142	0,114	145	0,63	2750
11	TF250	0,246	0,217	0,192	0,168	0,142	0,118	0,086	0,03		115	0,5	2580
12	TF250H	0,267	0,255	0,242	0,226	0,211	0,192	0,174	0,154	0,124	145	0,63	2750
13	TF315	0,368	0,35	0,34	0,32	0,31	0,29	0,27	0,25	0,22	224	0,97	2770

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	TF100	34	21	37	37	42	39	41	34	40
2	TF100H	33	24	40	40	45	42	44	38	44
3	TF125	33	22	39	36	40	39	41	33	40
4	TF125H	33	25	40	40	44	43	45	38	44
5	TF150	33	24	39	40	45	44	44	32	43
6	TF150H	33	34	42	49	53	47	48	35	49
7	TF160	33	24	39	40	45	44	44	32	43
8	TF160H	33	34	42	49	53	47	48	35	49
9	TF200	32	31	41	46	49	47	46	33	47
10	TF200H	25	33	40	45	47	43	43	34	45
11	TF250	25	30	34	48	52	47	44	38	48
12	TF250H	30	31	41	44	46	43	42	34	44
13	TF315H	25	44	48	46	46	47	46	36	48

Circular Duct Fan

TF EC

Description

TF EC has the same high quality, with the same ease of installation, and assesories as our regular TF. There are 7 sizes of TF EC.

The TF is an in-line centrifugal duct fan with high capacity and excellent reliability. The straight through radial fan is compact and very easy to install. It can cope with high pressure and long duct runs, whilst still operating at acceptable sound levels."

The TF range of fans have casings manufactured from galvanized steel and are moisture resistant. They are approved for installation in humid or damp environments being rated IP44 when installed in a duct system.

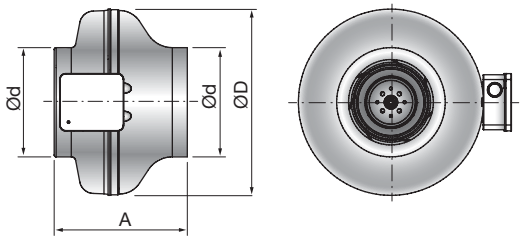
The fan speed can be controlled by voltage variation regulators. Several fans can be connected to the same controller providing the total rating of the controller is not exceeded.

The motors are an external rotor type motor. They have maintenance free sealed ball bearings and are protected from over heating by thermo contacts.

Ordering example

TF	100	H	EC
Product			
Size			
Performance			
Motor			

Dimensions

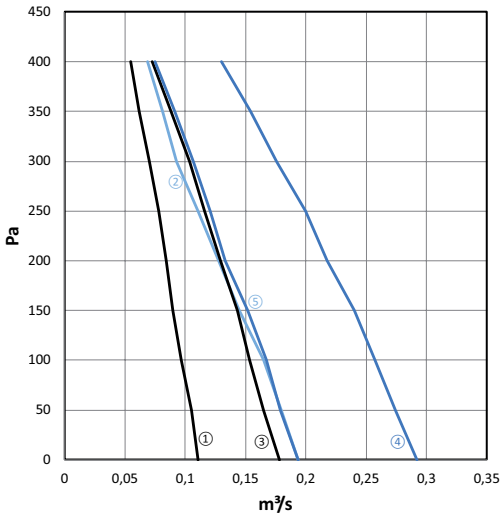


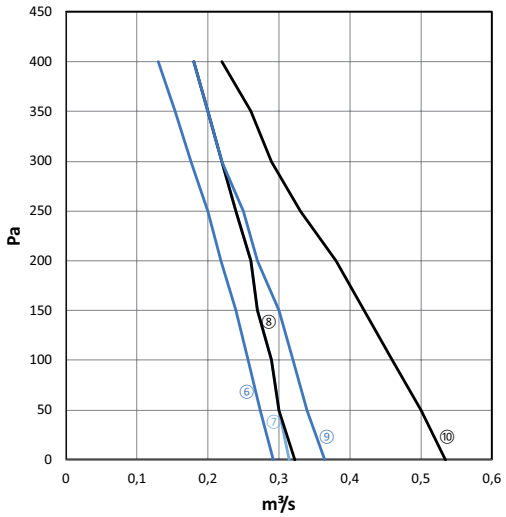
Product	Ød nom	ØD nom	A mm	m kg
TF100H EC	100	243	188	2,60
TF125H EC	125	243	188	2,60
TF150 EC	150	271	191	2,80
TF150H EC	150	345	226	3,90
TF160 EC	160	271	195	2,80
TF160H EC	160	345	226	3,90
TF200H EC	200	345	228	4,00
TF250 EC	250	345	228	4,10
TF315 EC	315	402	257	5,40
TF315H EC	315	402	257	6,20

All fans are 230 volt.

Circular Duct Fan TF EC

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	TF100H EC	0,111	0,105	0,97	0,9	0,84	0,78	0,7	0,62	0,55	111	0,9	3600
2	TF125H EC	0,194	0,18	0,165	0,145	0,128	0,111	0,93	0,081	0,069	105	0,86	3400
3	TF150 EC	0,178	0,165	0,153	0,143	0,129	0,116	0,104	0,088	0,073	99	0,82	3400
4	TF150H EC	0,292	0,274	0,257	0,24	0,218	0,2	0,176	0,154	0,13	132	1,06	3170
5	TF160 EC	0,194	0,179	0,167	0,152	0,133	0,121	0,107	0,091	0,075	103	0,83	3390
6	TF160H EC	0,292	0,274	0,257	0,24	0,218	0,2	0,176	0,154	0,13	132	1,06	3170
7	TF200H EC	0,314	0,3	0,29	0,27	0,26	0,24	0,22	0,2	0,18	154	1,21	3250
8	TF250 EC	0,322	0,3	0,29	0,27	0,26	0,24	0,22	0,2	0,18	155	1,25	3330
9	TF315 EC	0,364	0,34	0,32	0,3	0,27	0,25	0,22	0,2	0,18	159	1,22	2760
10	TF315H EC	0,535	0,5	0,46	0,42	0,38	0,33	0,29	0,26	0,22	226	1	2624

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	TF100H EC	28	34	44	45	49	45	45	35	46
2	TF125H EC	35	33	45	53	54	48	51	45	52
3	TF150 EC	43	32	45	47	43	44	42	33	45
4	TF150H EC	36	36	45	56	49	47	47	36	51
5	TF160 EC	36	34	43	49	46	44	42	33	46
6	TF160H EC	36	36	45	56	49	47	47	36	51
7	TF200H EC	20	38	41	50	46	42	42	34	47
8	TF250 EC	26	40	44	48	46	42	43	34	46
9	TF315 EC	30	40	45	50	45	46	41	31	47
10	TF315H EC	30	51	51	50	50	53	45	34	52

Circular Duct Fan TFW

Description

TFW is a range of wall mounted fans. The fans are available in six sizes giving twelve different capacities. This variety combined with ease of positioning allow for a wide variety of applications including use in damp and humid environments. The fans housing and square backing plate are made of galvanised steel. They are entirely maintenance free.

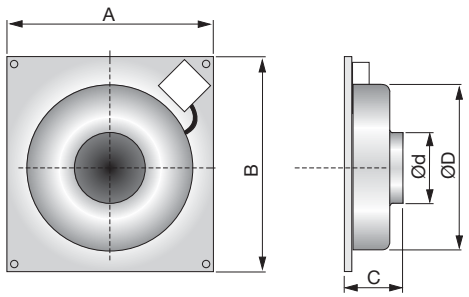
The range is fitted with ball bearing mounted external rotor type motors with radial backward curved impellers.

The fans speed can be controlled by voltage variation by voltage variation and are rated as IP44 when in a duct system.

Ordering example

TFW	125	H
Product		
Size		
Performance		

Dimensions

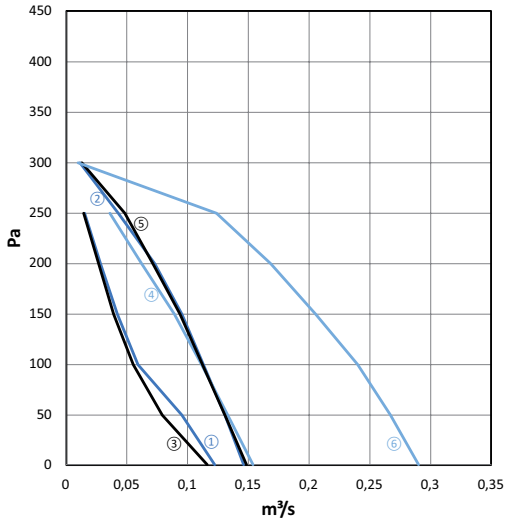


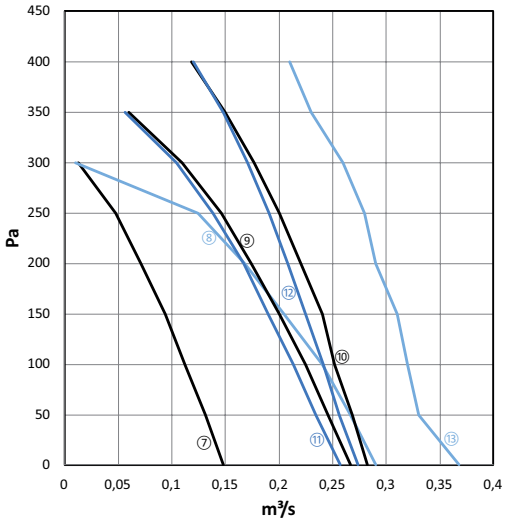
Product	Ød nom	ØD mm	A mm	B mm	C mm	m kg
TFW100	100	243	310	310	111	2,50
TFW100H	100	243	310	310	111	2,50
TFW125	125	243	310	310	111	2,50
TFW125H	125	243	310	310	111	2,50
TFW150	150	271	335	335	107	2,70
TFW150H	150	345	400	400	128	3,50
TFW160	160	271	335	335	107	2,70
TFW160H	160	345	400	400	128	3,50
TFW200	200	345	400	400	127	3,70
TFW200H	200	345	400	400	127	4,40
TFW250	250	345	400	400	126	3,80
TFW250H	250	345	400	400	126	4,40
TFW315H	315	402	460	460	158	5,80

All fans are 230 volt.

Circular Duct Fan TFW

Technical data



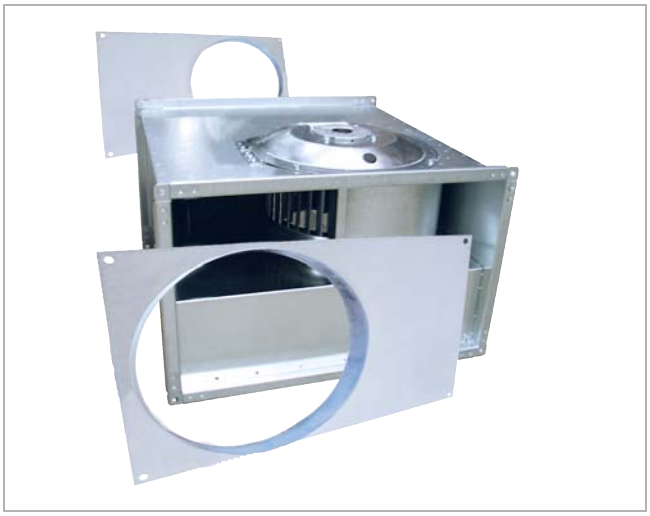


Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	TFW100	0,122	0,095	0,059	0,042	0,028	0,015				41	0,18	1730
2	TFW100H	0,146	0,131	0,113	0,095	0,073	0,043	0,011			62	0,27	2530
3	TFW125	0,116	0,079	0,055	0,039	0,027	0,014				40	0,18	1640
4	TFW125H	0,154	0,133	0,111	0,089	0,062	0,036				62	0,27	2480
5	TFW150	0,148	0,131	0,112	0,094	0,071	0,048	0,013			62	0,27	2540
6	TFW150H	0,29	0,267	0,24	0,205	0,168	0,124	0,01			105	0,44	2480
7	TFW160	0,148	0,131	0,112	0,094	0,071	0,048	0,013			62	0,27	2540
8	TFW160H	0,29	0,267	0,24	0,205	0,168	0,124	0,01			105	0,44	2480
9	TFW200	0,267	0,246	0,225	0,2	0,174	0,146	0,11	0,06		115	0,5	2580
10	TFW200H	0,282	0,268	0,252	0,24	0,22	0,2	0,177	0,15	0,118	144	0,63	2720
11	TFW250	0,257	0,234	0,213	0,19	0,167	0,138	0,104	0,56		120	0,53	2580
12	TFW250H	0,274	0,256	0,241	0,225	0,208	0,191	0,171	0,148	0,12	146	0,63	2740
13	TFW315H	0,368	0,33	0,32	0,31	0,29	0,28	0,26	0,23	0,21	347	0,97	2770

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	TFW100	32	22	35	36	40	38	39	33	39
2	TFW100H	33	23	38	41	44	43	45	38	43
3	TFW125	33	22	40	36	40	39	41	34	40
4	TFW125H	34	25	39	39	44	43	45	37	43
5	TFW150	33	24	39	40	44	44	43	32	43
6	TFW150H	34	34	42	49	53	47	48	35	50
7	TFW160	33	24	39	40	44	44	43	32	43
8	TFW160H	34	34	42	49	53	47	48	35	50
9	TFW200	32	31	41	46	49	47	47	33	47
10	TFW200H	26	33	41	45	47	43	43	35	45
11	TFW250	25	30	34	48	52	47	45	38	48
12	TFW250H	30	31	41	44	46	43	42	34	44
13	TFW315H	25	44	48	46	46	47	46	36	48

Lindab®

Circular Box Fan LBF



Description

LBF is a range of straight flow in-line centrifugal duct fans designed for circular ducts. They are compact, high capacity fans which operate quietly and can be fitted in any position.

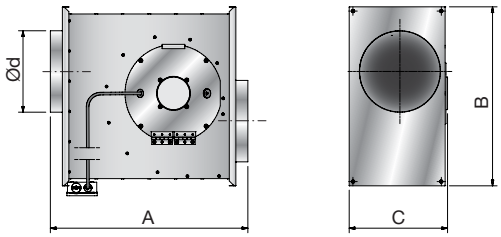
LBF fans have forward curved impellers and are designed to cope with high pressure and long duct.

The fans have a rigid housing made from galvanised steel. They are moisture proof and approved for use in outdoor environments. The motors are maintenance free and protected from overheating by thermo contacts. The impellers only require occasional cleaning. This cleaning is made easy with the LBF's swing out design. All fans are supplied fully wired and ready to fit in a sealed installation unit with an IP44 protection class.

Ordering example

LBF	250	H
Product		
Size		
Performance		

Dimensions

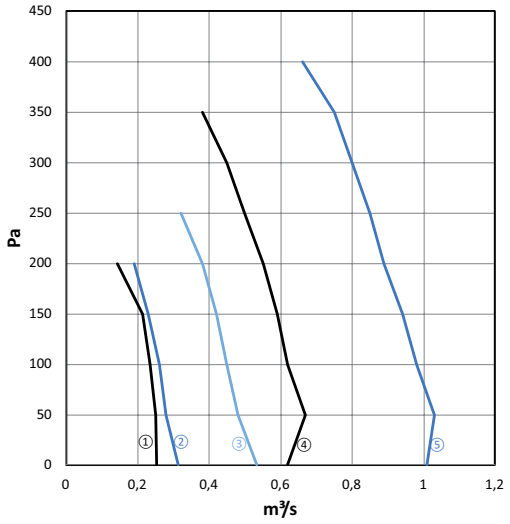


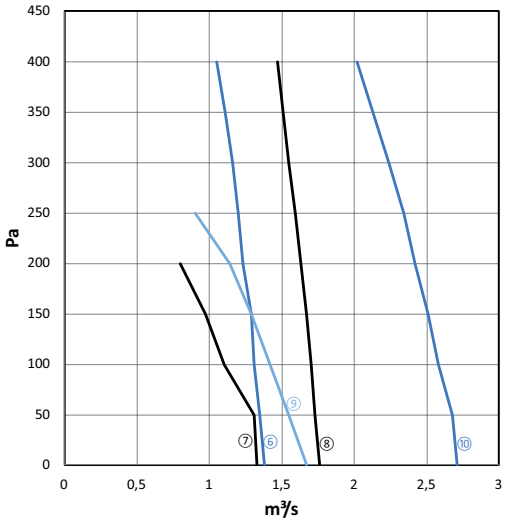
Product	Ød$_1$ nom	A mm	B mm	C mm	m kg
LBF200*	200	577	448	245	10,1
LBF200H	200	577	448	245	12,9
LBF250H	250	607	548	303	20,1
LBF315*	315	643	548	353	23,5
LBF315H	315	723	648	593	37,6
LBF355H	355	808	648	413	44,9
LBF400	400	878	748	562	53,1
LBF400H	400	878	748	469	62,8
LBF500	500	1012	848	566	72,3
LBF500H	500	1112	1048	555	99,7

* = 230 v
All other fans are 400 v

Circular Box Fan LBF

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	LBF200	0,252	0,249	0,234	0,214	0,144					215	0,95	810
2	LBF200H	0,312	0,28	0,26	0,23	0,19					247	0,47	1260
3	LBF250H	0,534	0,48	0,45	0,42	0,38	0,32				545	0,93	1270
4	LBF315	0,618	0,67	0,62	0,59	0,55	0,5	0,45	0,38		720	1,5	1260
5	LBF315H	1,008	1,03	0,98	0,94	0,89	0,85	0,8	0,75	0,66	1670	3,1	1300
6	LBF355H	1,38	1,35	1,31	1,29	1,23	1,2	1,16	1,11	1,05	2060	3,9	1350
7	LBF400	1,33	1,31	1,1	0,97	0,8					1020	2,3	680
8	LBF400H	1,76	1,73	1,7	1,67	1,63	1,59	1,55	1,51	1,47	4000	6,8	1370
9	LBF500	1,67	1,55	1,42	1,29	1,14	0,9				1290	2,9	640
10	LBF500H	2,71	2,68	2,58	2,51	2,42	2,34	2,24	2,13	2,02	4150	7,4	890

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	LBF200	35	46	52	50	52	44	40	31	50
2	LBF200H	36	49	52	52	53	48	44	35	52
3	LBF250H	39	47	56	56	57	55	51	44	56
4	LBF315	35	47	54	52	55	52	51	44	54
5	LBF315H	40	56	58	57	60	57	55	51	59
6	LBF355H	41	55	60	60	62	61	58	53	61
7	LBF400	38	46	50	50	48	45	41	32	49
8	LBF400H	52	60	64	65	66	64	62	57	65
9	LBF500	38	46	51	55	54	48	43	35	52
10	LBF500H	53	62	61	65	63	61	56	50	63

Circular Box Fan SBF

Description

SBF is an insulated in-line duct fan with backward curved impellers, swing-out design and has circular connections.

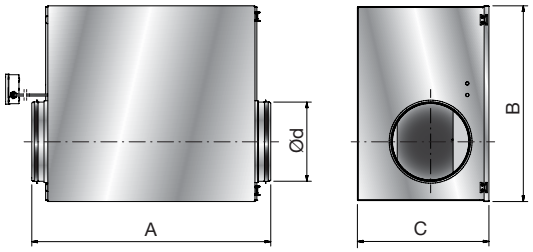
The fan is equipped with external rotor induction AC motor with maintenance-free sealed ball-bearings.

The fan are manufactured from galvanised steel sheet and has an IP44 rating.

Ordering example

SBF	200	H
Product		
Size		
Performance		

Dimensions

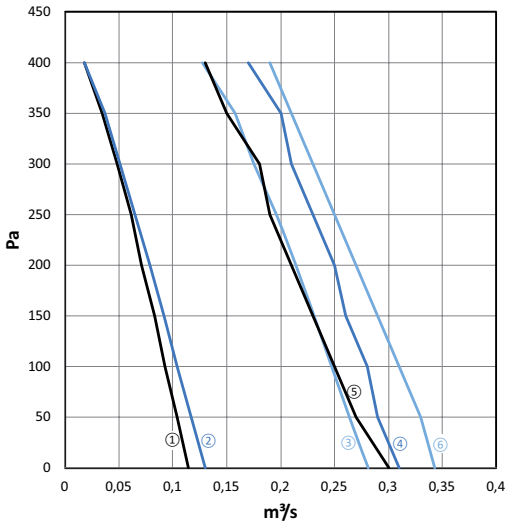


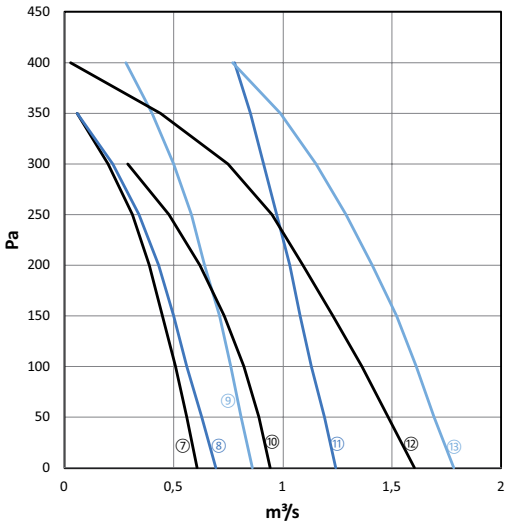
Product	Ød$_1$ nom	A mm	B mm	C mm	m kg
SBF125	125	543	438	266	11,6
SBF160	160	545	438	266	11,7
SBF200	200	702	507	308	19,7
SBF200H	200	702	507	308	20,2
SBF250	250	744	608	410	33,4
SBF250H	250	744	608	410	33,9
SBF315	315	849	708	463	43,4
SBF355	355	840	708	513	45,1
SBF355H	355	840	708	513	46,7
SBF400	400	995	808	567	63,2
SBF400H	400	995	808	567	68,4
SBF500	500	1214	1108	697	87,0
SBF500H	500	1214	1108	697	114,0

125 - 250H are 230 volt
All other fans are 400 volt

Circular Box Fan SBF

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	SBF125	0,114	0,104	0,093	0,083	0,071	0,061	0,048	0,034	0,018	61	0,26	2590
2	SBF160	0,13	0,117	0,104	0,092	0,079	0,065	0,051	0,037	0,018	59	0,26	2580
3	SBF200	0,281	0,264	0,247	0,231	0,214	0,196	0,175	0,158	0,127	160	0,7	2700
4	SBF200H	0,31	0,29	0,28	0,26	0,25	0,23	0,21	0,2	0,17	209	0,91	2790
5	SBF250	0,3	0,27	0,25	0,23	0,21	0,19	0,18	0,15	0,13	165	0,71	2690
6	SBF250H	0,343	0,33	0,31	0,29	0,27	0,25	0,23	0,21	0,19	218	0,95	2770
7	SBF315	0,609	0,56	0,51	0,45	0,39	0,31	0,2	0,06		215	0,44	1350
8	SBF355	0,692	0,63	0,56	0,5	0,43	0,34	0,22	0,06		228	0,43	1340
9	SBF355H	0,861	0,81	0,76	0,71	0,64	0,58	0,5	0,4	0,28	397	0,76	1340
10	SBF400	0,941	0,89	0,82	0,73	0,62	0,48	0,29			355	0,76	930
11	SBF400H	1,24	1,19	1,13	1,08	1,03	0,97	0,91	0,85	0,78	739	1,45	1440
12	SBF500	1,6	1,48	1,36	1,23	1,09	0,95	0,75	0,44	0,03	611	1,42	890
13	SBF500H	1,78	1,69	1,61	1,52	1,41	1,29	1,15	0,99	0,77	1070	2,83	910

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	SBF125	29	32	41	37	31	30	29	29	37
2	SBF160	29	35	41	37	32	31	29	29	37
3	SBF200	34	40	52	46	40	37	34	31	47
4	SBF200H	43	44	52	47	44	41	37	32	48
5	SBF250	34	37	49	42	38	35	32	28	44
6	SBF250H	41	38	48	45	42	38	34	29	44
7	SBF315	38	47	47	36	37	35	33	30	44
8	SBF355	37	52	48	34	35	32	31	28	47
9	SBF355H	43	57	52	40	37	35	33	29	52
10	SBF400	46	46	47	41	37	32	31	28	44
11	SBF400H	46	56	54	45	44	40	39	34	52
12	SBF500	48	54	49	38	36	35	34	29	49
13	SBF500H	50	59	51	42	43	39	37	33	53

Lindab®

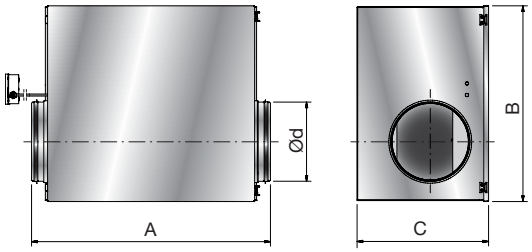
Circular Box Fan SBF EC

Description

SBF EC are insulated in-line duct fans with circular connection, backward curved impellers and swing-out design.

The fans are manufactured from galvanised steel sheet and are equipped with external rotor induction EC-motor with maintenance-free sealed ball-bearings and has an IP44 rating.

Dimensions



Product	Ød$_1$ nom	A mm	B mm	C mm	m kg
SBF125 EC	125	543	438	266	11,8
SBF160 EC	160	545	438	266	11,9
SBF200 EC	200	666	527	342	17,9
SBF200H EC	200	744	608	410	34,0
SBF250 EC	250	702	507	308	18,8
SBF250H EC	250	744	608	410	27,0
SBF315 EC	315	849	708	463	46,3
SBF355H EC	355	840	708	513	48,0
SBF355 EC	355	840	708	513	48,0
SBF400 EC	400	995	808	567	60,7
SBF400H EC	400	995	808	567	62,1
SBF500 EC	500	1214	1108	697	99,3
SBF500H EC	500	1214	1108	697	112,0

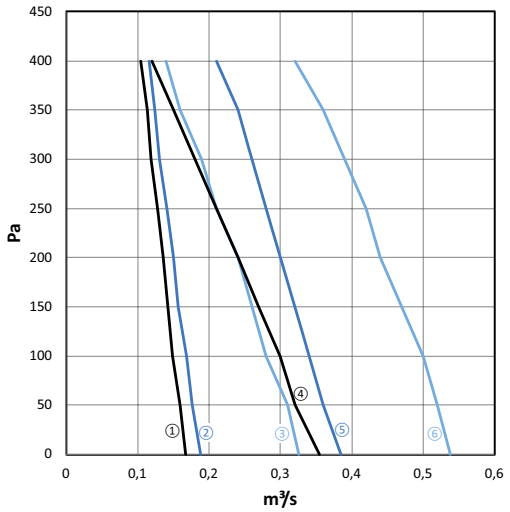
125 - 250H are 230 volt
All other fans are 400 volt

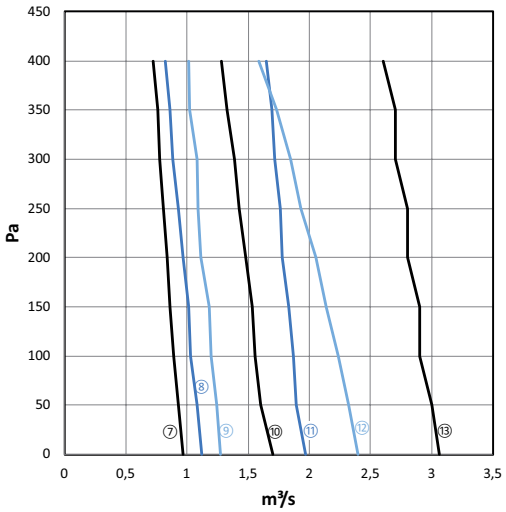
Ordering example

SBF	160	H	EC
Product			
	Size		
		Performance	
			Motor

Circular Box Fan SBF EC

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	SBF125 EC	0,167	0,159	0,149	0,142	0,136	0,128	0,119	0,114	0,104	116	0,93	3680
2	SBF160 EC	0,188	0,177	0,168	0,157	0,15	0,141	0,131	0,124	0,116	114	0,89	3630
3	SBF200 EC	0,326	0,31	0,28	0,26	0,24	0,21	0,19	0,16	0,14	161	1,24	2890
4	SBF200H EC	0,355	0,32	0,3	0,27	0,24	0,21	0,18	0,15	0,12	163	1,27	2760
5	SBF250 EC	0,385	0,36	0,34	0,32	0,3	0,28	0,26	0,24	0,21	217	0,95	2800
6	SBF250H EC	0,538	0,52	0,5	0,47	0,44	0,42	0,39	0,36	0,32	311	1,37	2020
7	SBF315 EC	0,967	0,93	0,89	0,86	0,84	0,81	0,78	0,76	0,72	777	3,57	2200
8	SBF355 EC	1,12	1,08	1,03	1,01	0,97	0,93	0,88	0,86	0,82	816	3,73	2200
9	SBF355H EC	1,27	1,24	1,2	1,18	1,11	1,09	1,08	1,02	1,01	1120	1,74	2500
10	SBF400 EC	1,7	1,6	1,56	1,53	1,48	1,43	1,39	1,33	1,28	1270	1,96	1800
11	SBF400H EC	1,97	1,89	1,87	1,83	1,78	1,76	1,72	1,69	1,65	2120	3,25	2130
12	SBF500 EC	2,4	2,32	2,24	2,14	2,05	1,93	1,85	1,73	1,59	1330	2,09	1230
13	SBF500H EC	3,06	3	2,9	2,9	2,8	2,8	2,7	2,7	2,6	2916	4,47	1620

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	SBF125 EC	40	45	48	49	45	38	34	30	47
2	SBF160 EC	42	46	48	49	46	37	34	31	47
3	SBF200 EC	42	51	56	49	41	37	33	30	51
4	SBF200H EC	42	49	57	48	41	37	34	30	51
5	SBF250 EC	41	42	47	44	39	38	37	31	44
6	SBF250H EC	47	52	63	48	38	39	37	32	57
7	SBF315 EC	52	60	68	52	49	44	44	38	62
8	SBF355 EC	48	54	69	51	43	43	41	36	63
9	SBF355H EC	50	55	68	54	50	45	43	40	62
10	SBF400 EC	52	61	67	53	51	46	45	38	62
11	SBF400H EC	56	62	72	55	49	45	45	42	65
12	SBF500 EC	50	68	53	44	42	41	40	35	62
13	SBF500H EC	58	70	67	56	47	40	39	36	65

Insulated Circular Box Fan IBF

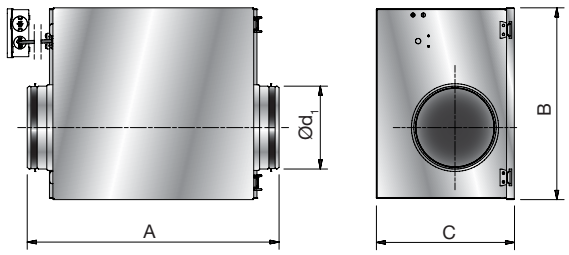
Description

IBF is a range of insulated in-line centrifugal duct fans. They provide high pressure with low sound level.
The IBF fans have good sound insulation qualities provided by a 50 mm of mineral wool. The high quality ball bearing mounted external rotor motors are maintenance free. They can be speed controlled from 0-100% by voltage variation. All motors are protected by approved thermo contacts. All 3-phase motors have factory fitted thermo contact leads for alarm functions etc.
The fans have a strong galvanized steel housing with an IP54 rating incorporating a swing out design of the fan motor and impeller for easy cleaning and inspection.

Ordering example

IBF	160	H
Product		
Size		
Performance		

Dimensions

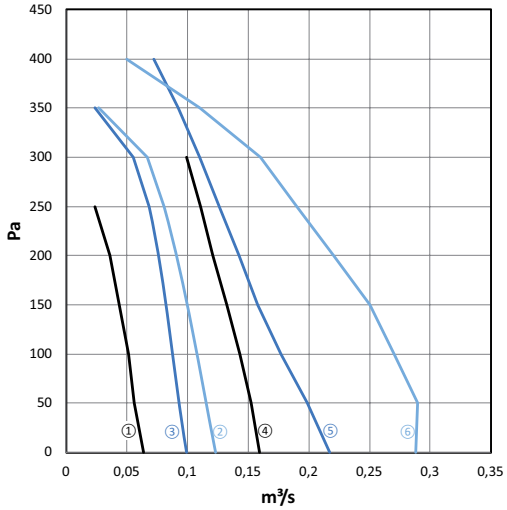


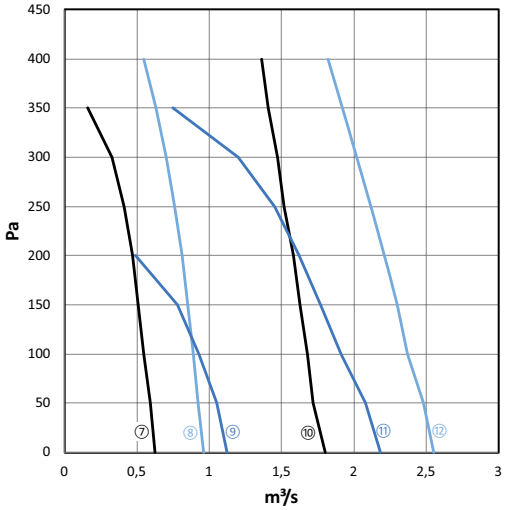
Product	Ød1 nom	A mm	B mm	C mm	m kg
IBF125	125	483	367	245	9,7
IBF125H	125	483	367	245	9,7
IBF160	160	485	367	266	10,1
IBF160H	160	485	367	266	10,3
IBF200	200	617	491	308	16,8
IBF250	250	485	471	342	14,4
IBF315H	315	727	587	396	30,7
IBF400H	400	778	780	488	46,5
IBF500	500	907	780	584	71,4
IBF500H	500	907	780	584	81,2
IBF630H	630	1067	955	703	115,0
IBF630	630	1067	955	703	115,0

125 - 250 are 230 volt
All other fans are 400 volt

Insulated Circular Box Fan IBF

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	IBF125	0,064	0,056	0,051	0,044	0,036	0,024				61	0,27	1130
2	IBF125H	0,123	0,115	0,108	0,1	0,091	0,081	0,067	0,027		122	0,53	1850
3	IBF160	0,099	0,093	0,088	0,082	0,076	0,068	0,055	0,024		105	0,46	1650
4	IBF160H	0,159	0,152	0,143	0,132	0,121	0,111	0,099			164	0,72	2220
5	IBF200	0,217	0,199	0,177	0,158	0,142	0,126	0,11	0,092	0,072	124	0,55	2540
6	IBF250	0,288	0,29	0,27	0,25	0,22	0,19	0,16	0,11	0,05	256	1,13	2120
7	IBF315H	0,625	0,59	0,55	0,51	0,47	0,41	0,33	0,16		638	1,38	1290
8	IBF400H	0,96	0,92	0,89	0,85	0,81	0,76	0,7	0,63	0,55	1470	2,64	1310
9	IBF500	1,12	1,05	0,93	0,78	0,49					540	2	690
10	IBF500H	1,8	1,72	1,68	1,63	1,58	1,52	1,47	1,41	1,36	3400	5,8	1390
11	IBF630	2,18	2,08	1,91	1,77	1,62	1,45	1,2	0,75		2183	4,8	680
12	IBF630H	2,55	2,48	2,37	2,3	2,21	2,12	2,02	1,92	1,82	4000	7	870

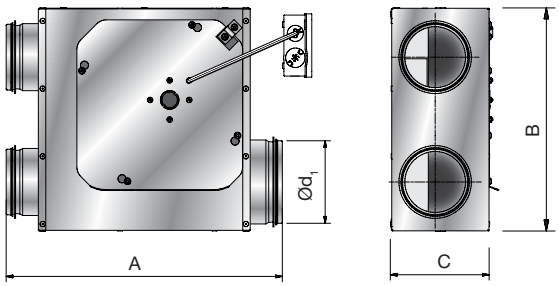
Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	IBF125	26	32	36	29	29	25	26	27	33
2	IBF125H	27	35	42	36	33	29	28	28	38
3	IBF160	28	38	41	35	31	29	27	28	38
4	IBF160H	34	46	43	40	36	34	32	29	42
5	IBF200	36	36	44	46	37	37	38	40	43
6	IBF250	40	38	45	39	34	36	35	36	41
7	IBF315H	47	52	49	43	43	41	39	33	48
8	IBF400H	47	50	54	49	47	44	41	35	51
9	IBF500	41	36	44	46	41	39	39	37	43
10	IBF500H	54	51	46	54	55	56	55	49	56
11	IBF630	45	44	49	52	46	48	43	38	49
12	IBF630H	51	48	53	54	49	50	47	43	52

Low Profile Circular Box Fan LPBF

Description

LPBF is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. It has high capacity and efficiency with low sound levels.
Fans have a strong galvanized steel housing and have an IP44 rating

Dimensions



Product	Ød$_1$ nom	A mm	B mm	C mm	m kg
LPBF100	100	410	330	135	5,00
LPBF100H	100	410	330	135	5,00
LPBF125	125	410	330	160	5,20
LPBF160	160	457	390	196	6,80
LPBF160H	160	457	390	196	7,00
LPBF200	200	468	390	236	8,40

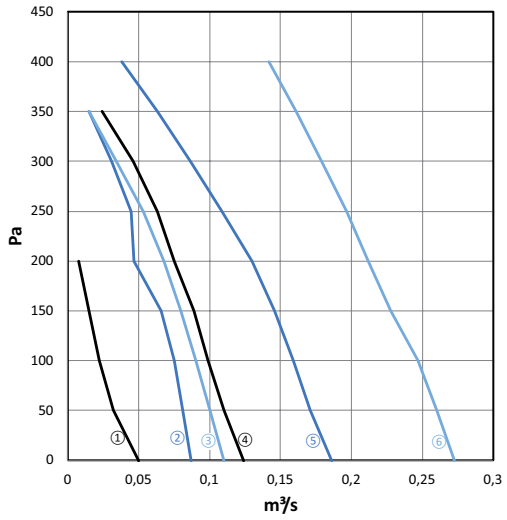
All fans are 230 volt.

Ordering example

LPBF	160	H
Product		
Size		
Performance		

Low Profile Circular Box Fan LPBF

Technical data



Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	LPBF100	0,05	0,032	0,022	0,015	0,008					43	0,2	1410
2	LPBF100H	0,087	0,081	0,075	0,066	0,047	0,045	0,031	0,015		58	0,25	2600
3	LPBF125	0,11	0,1	0,09	0,08	0,068	0,053	0,034	0,015		59	0,26	2570
4	LPBF160	0,124	0,11	0,099	0,089	0,075	0,063	0,046	0,024		61	0,26	2550
5	LPBF160H	0,186	0,171	0,159	0,146	0,13	0,109	0,086	0,063	0,038	106	0,46	2560
6	LPBF200	0,273	0,26	0,247	0,228	0,212	0,197	0,179	0,161	0,142	153	0,67	2730

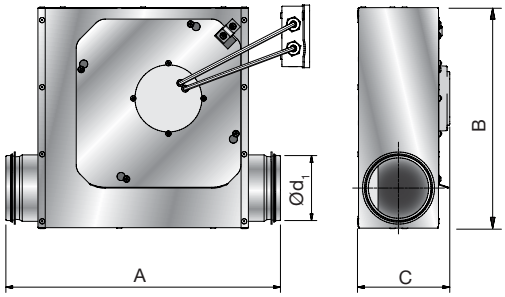
Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	LPBF100	26	31	38	37	34	31	29	30	36
2	LPBF100H	33	36	49	47	43	41	36	32	46
3	LPBF125	32	37	48	49	45	40	34	31	46
4	LPBF160	33	41	47	48	41	39	34	31	45
5	LPBF160H	33	43	53	55	48	44	40	32	51
6	LPBF200	31	46	60	59	51	46	41	35	57

Low Profile Circular Box Fan LPBF EC

Description

LPBF is a low profile duct fan with circular connection and EC Motor. A very small and useful duct fan which is perfect for spaces with minimum height clearance. It has high capacity and efficiency with low sound levels.
Fans have a strong galvanized steel housing and have an IP44 rating

Dimensions



Product	Ød1 nom	A mm	B mm	C mm	m kg
LPBF100 EC	100	410	330	138	5,30
LPBF125 EC	125	410	330	163	5,50
LPBF160 EC	160	457	390	198	7,10
LPBF160H EC	160	457	390	198	6,90
LPBF200 EC	200	468	390	238	7,40

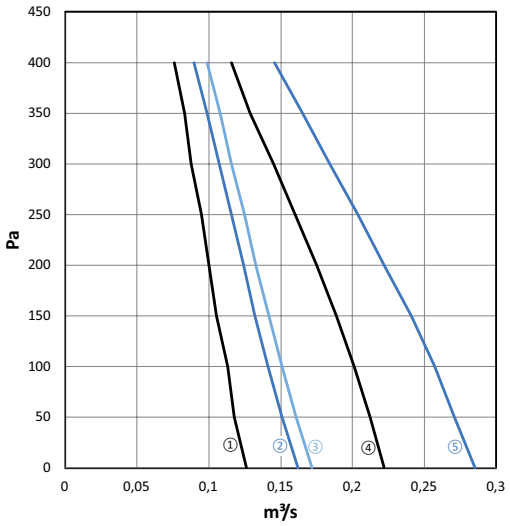
All fans are 230 volt.

Ordering example

LPBF	160	H	EC
Product			
Size			
Performance			
Motor			

Low Profile Circular Box Fan LPBF EC

Technical data



Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	LPBF100 EC	0,128	0,123	0,118	0,112	0,107	0,101	0,093	0,088	0,079	110	0,89	3770
2	LPBF125 EC	0,162	0,153	0,148	0,139	0,129	0,122	0,114	0,104	0,095	115	0,9	3780
3	LPBF160 EC	0,178	0,168	0,159	0,146	0,137	0,128	0,122	0,113	0,105	117	0,9	3640
4	LPBF160H EC	0,226	0,212	0,2	0,19	0,18	0,168	0,155	0,143	0,128	131	1,06	3220
5	LPBF200 EC	0,285	0,267	0,253	0,239	0,223	0,207	0,192	0,176	0,158	162	1,27	2870

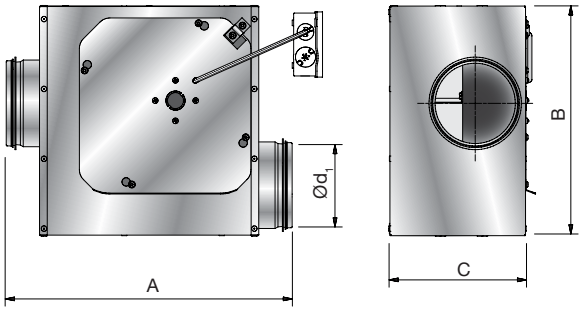
Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	LPBF100 EC	42	48	56	60	54	53	48	41	56
2	LPBF125 EC	41	47	54	61	56	53	47	39	57
3	LPBF160 EC	38	50	53	62	53	51	45	37	57
4	LPBF160H EC	35	49	57	60	54	52	47	38	56
5	LPBF200 EC	41	49	57	59	53	49	42	36	56

Low Profile Circular Box Fan LPBFI

Description

LPBFI is a low profile duct fan with backward curved impellers and swing-out design. It is equipped with a built in silencer on the inlet side.
LPBFI is equipped with an AC or EC external rotor induction motor with maintenance-free sealed ball bearings, with IP44 rating
The fan housing is manufactured from galvanised steel sheet and has rubber seals on the duct connections.

Dimensions



Product	Ød$_1$ nom	A mm	B mm	C mm	m kg
LPBFI100H	100	410	330	210	5,90
LPBFI125	125	410	330	210	5,90
LPBFI160	160	457	390	245	7,60
LPBFI160H	160	457	390	245	7,80
LPBFI200	200	468	390	286	9,20

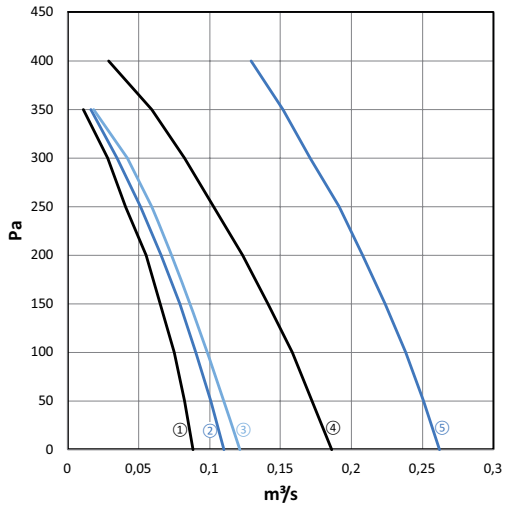
All fans are 230 volt.

Ordering example

LPBFI	160	H
Product		
Size		
Performance		

Low Profile Circular Box Fan LPBFI

Technical data



Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	LPBFI100H	0,088	0,082	0,075	0,065	0,055	0,041	0,028	0,011		61	0,26	2560
2	LPBFI125	0,11	0,101	0,09	0,079	0,066	0,051	0,035	0,016		61	0,26	2570
3	LPBFI160	0,121	0,11	0,098	0,086	0,073	0,059	0,042	0,018		61	0,26	2560
4	LPBFI160H	0,186	0,172	0,158	0,141	0,123	0,103	0,082	0,059	0,029	108	0,47	2520
5	LPBFI200	0,262	0,251	0,238	0,224	0,208	0,191	0,171	0,152	0,129	163	0,71	2710

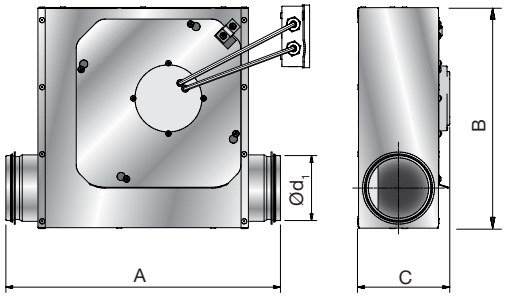
Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	LPBFI100H	29	41	49	51	43	39	32	31	47
2	LPBFI125	26	39	48	50	42	38	32	30	46
3	LPBFI160	27	39	46	48	40	38	33	31	45
4	LPBFI160H	30	41	53	54	46	44	38	31	51
5	LPBFI200	31	42	55	59	47	44	37	33	54

Low Profile Circular Box Fan LPBFI EC

Description

LPBFI is a low profile duct fan with backward curved impellers and swing-out design. It is equipped with a built in silencer on the inlet side.
LPBFI is equipped with an AC or EC external rotor induction motor with maintenance-free sealed ball bearings, with IP44 rating
The fan housing is manufactured from galvanised steel sheet and has rubber seals on the duct connections.

Dimensions



Product	Ød$_1$ nom	A mm	B mm	C mm	m kg
LPBFI100 EC	100	410	330	213	6,20
LPBFI125 EC	125	410	330	213	6,20
LPBFI160 EC	160	457	390	248	8,00
LPBFI160H EC	160	457	390	248	7,70
LPBFI200 EC	200	468	390	288	8,30

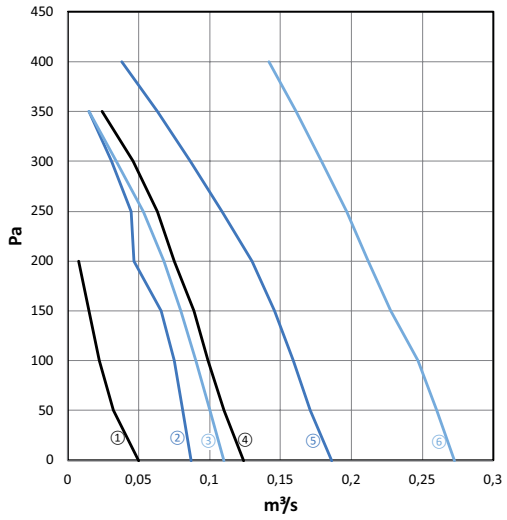
All fans are 230 volt.

Ordering example

LPBFI	160	H	EC
Product			
Size			
Performance			
Motor			

Low Profile Circular Box Fan LPBFI EC

Technical data



Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	LPBFI100 EC	0,126	0,118	0,113	0,105	0,1	0,095	0,088	0,083	0,076	115	0,91	3710
2	LPBFI125 EC	0,162	0,151	0,141	0,132	0,124	0,116	0,107	0,099	0,09	116	0,93	3670
3	LPBFI160 EC	0,172	0,161	0,151	0,142	0,133	0,125	0,116	0,108	0,099	118	0,93	3650
4	LPBFI160H EC	0,222	0,212	0,201	0,189	0,175	0,16	0,145	0,129	0,116	132	1,04	3100
5	LPBFI200 EC	0,285	0,271	0,257	0,241	0,222	0,204	0,184	0,165	0,146	162	1,25	2820

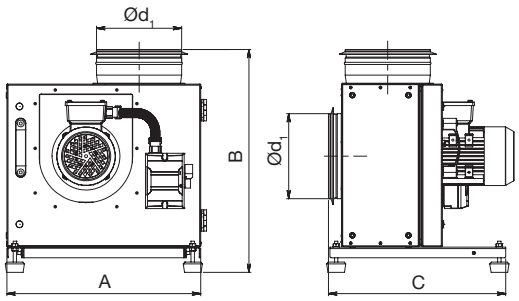
Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	LPBFI100 EC	37	48	53	60	56	52	46	38	56
2	LPBFI125 EC	38	47	52	58	53	51	45	38	54
3	LPBFI160 EC	45	49	52	59	51	49	44	39	55
4	LPBFI160H EC	42	50	56	60	52	51	44	37	56
5	LPBFI200 EC	38	47	57	60	52	48	41	34	56

Low Profile Circular Box Fan CF

Description

CF fans are used for installation where the air is slightly greasy or the air temperature is up to 120°C. Unit has a swing-out door for easy inspection and service. The direction of the door opening is from left to right. The fan is isolated from the casing via connectors and anti-vibration mounts. Forward-curved impellor made of galvanized sheet steel. Maintenance free, speed controllable, motors safety class IP55, On/Off safety switch. The casing is manufactured from double-skinned galvanized steel and is insulated with 50 mm mineral wool.

Dimensions



Product	Ød1 nom	A mm	B mm	C mm	m kg
CF160M	200	413	496	414	22,0
CF160T	200	413	496	414	22,0
CF180M	200	456	524	417	25,0
CF180T	200	456	524	417	25,0
CF200M	200	484	548	500	29,0
CF200T	200	484	548	500	29,0
CF225M	250	537	597	500	34,0
CF225T	250	537	597	500	34,0
CF250M	315	577	651	620	44,0
CF250T	315	577	651	620	55,0
CF280T	315	626	688	620	45,0
CF315M	315	695	752	620	45,0
CF315T	315	695	752	620	45,0
CF400M	400	750	890	620	56,0
CF400T	400	750	890	620	56,0
CF355M	400	770	905	620	53,0
CF355T	400	770	905	620	53,0

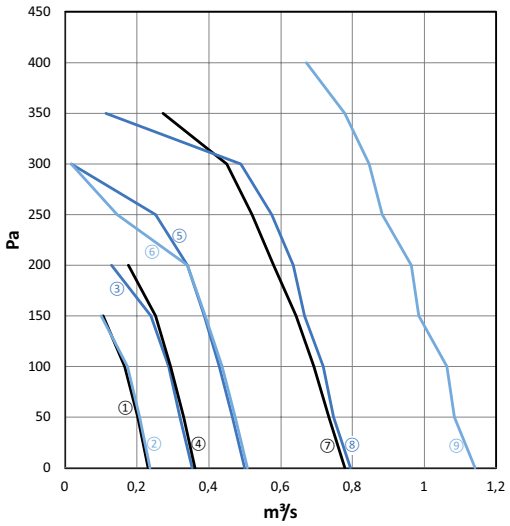
M = 230 volt
T = 400 volt

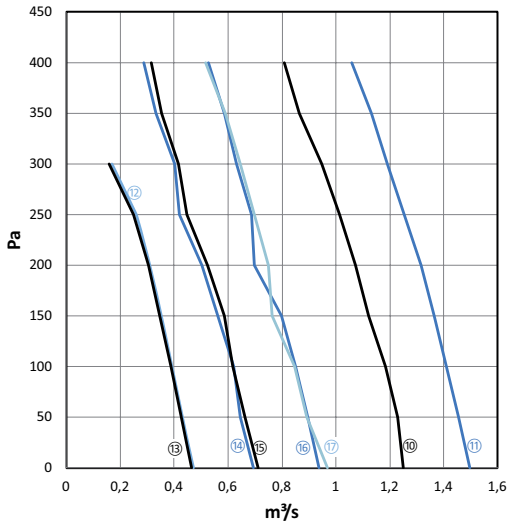
Ordering example

CF	200	M
Product		
Size		
Voltage		

Low Profile Circular Box Fan CF

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	Motor W	Amps FLC	Speed RPM
1	CF160M	0,230	0,203	0,167	0,106						0,22	1,19	1360
2	CF160T	0,236	0,208	0,173	0,101						0,18	0,57	1310
3	CF180M	0,353	0,319	0,288	0,239	0,130					0,4	2,57	1320
4	CF180T	0,362	0,331	0,295	0,253	0,177					0,29	1	1340
5	CF200M	0,498	0,466	0,428	0,386	0,339	0,253	0,017			0,57	3,08	1360
6	CF200T	0,507	0,474	0,436	0,391	0,342	0,146	0,017			0,54	1,44	1390
7	CF225M	0,778	0,733	0,692	0,642	0,580	0,519	0,450	0,272		0,97	4,85	1350
8	CF225T	0,794	0,748	0,718	0,667	0,635	0,575	0,489	0,114		0,92	1,72	1430
9	CF250M	1,141	1,084	1,062	0,983	0,964	0,883	0,847	0,779	0,671	1,94	9,3	1420
10	CF250T	1,250	1,228	1,185	1,121	1,072	1,013	0,946	0,863	0,808	1,6	3,37	1430
11	CF280T	1,498	1,454	1,410	1,363	1,316	1,253	1,191	1,133	1,058	2,66	4,7	1440
12	CF315M	0,470	0,430	0,391	0,352	0,308	0,259	0,168			0,32	1,77	1350
13	CF315T	0,466	0,425	0,389	0,347	0,305	0,251	0,158			0,18	0,68	1330
14	CF355M	0,694	0,644	0,619	0,561	0,502	0,418	0,401	0,332	0,286	0,4	2,5	1320
15	CF355T	0,711	0,664	0,616	0,585	0,524	0,445	0,417	0,352	0,315	0,29	0,98	1340
16	CF400M	0,937	0,894	0,850	0,799	0,698	0,688	0,632	0,588	0,528	0,54	3,05	1360
17	CF400T	0,969	0,892	0,846	0,765	0,748	0,699	0,644	0,589	0,517	0,47	1,45	1390

Lindab®

Low Profile Circular Box Fan CF

Technical data

Graph Ref.	Product	Sound Power Level (Breakout) 125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	CF160M	48	51	53	44	40	38	33	56
2	CF160T	47	52	53	43	40	38	33	56
3	CF180M	53	55	54	47	44	40	37	59
4	CF180T	51	54	57	48	42	40	36	60
5	CF200M	55	57	61	49	46	43	40	63
6	CF200T	56	58	62	49	47	42	40	64
7	CF225M	57	62	65	54	50	46	43	68
8	CF225T	59	63	66	54	51	47	44	69
9	CF250M	61	66	67	58	54	50	47	71
10	CF250T	64	66	68	59	56	49	48	72
11	CF280T	67	68	71	60	56	51	50	74
12	CF315M	53	60	59	51	47	41	39	63
13	CF315T	53	59	59	50	47	40	38	63
14	CF355M	60	61	63	55	53	47	43	67
15	CF355T	61	62	63	56	54	47	43	67
16	CF400M	62	64	67	62	57	52	50	71
17	CF400T	63	65	67	63	58	53	52	71

Rectangular duct fans

Lindab®

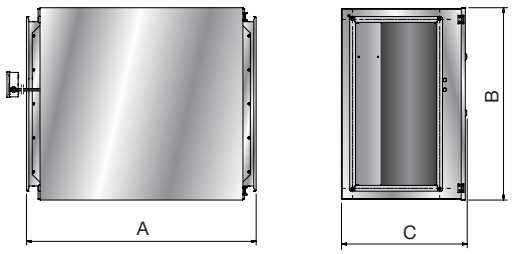
Content

Rectangular Duct Fan SRF

Description

SRF is an insulated in-line duct fan with backward curved impellers, swing-out design and has rectangular connections.
The fan is equipped with external rotor induction AC motor with maintenance-free sealed ball-bearings.
The fan is manufactured from galvanised steel sheet and has an IP54 rating.

Dimensions



Product	A mm	B mm	C mm	m kg
SRF400×200	702	507	308	23,6
SRF400×200H	702	507	308	24,9
SRF500×250	744	608	410	38,0
SRF500×250H	744	608	410	36,8
SRF600×300	849	708	463	44,7
SRF600×350	849	708	513	49,0
SRF600×350H	849	708	513	50,6
SRF700×400	994	808	567	64,0
SRF700×400H	994	808	567	69,2
SRF800×500	1110	908	681	86,9
SRF800×500H	1110	908	681	89,1
SRF1000×500	1214	1108	697	113

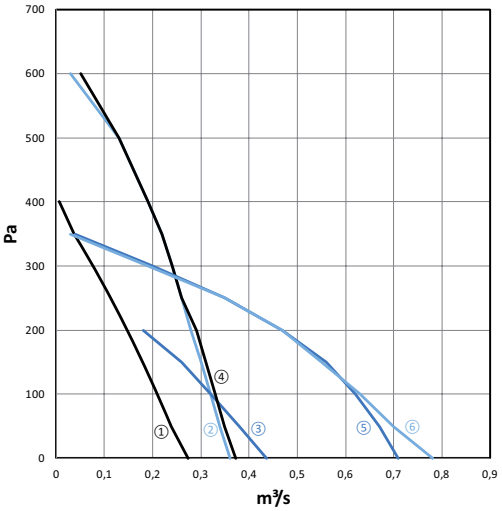
400x200 - 500x250H are 230 v
all other fans are 400 v

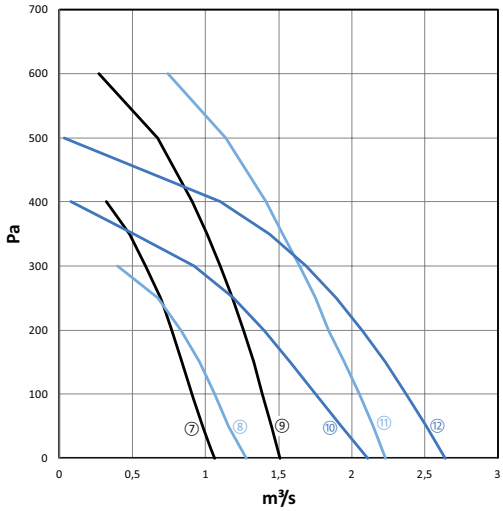
Ordering example

SRF	400 × 200	H
Product		
Size		
Performance		

Rectangular Duct Fan SRF

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	SRF400×200	0,273	0,239	0,209	0,178	0,147	0,113	0,075	0,038	0,007				109	0,48	2480
2	SRF400×200H	0,36	0,34	0,32	0,3	0,28	0,26	0,24	0,22	0,19	0,13	0,03		228	0,99	2760
3	SRF500×250	0,437	0,38	0,32	0,26	0,18								136	0,6	1270
4	SRF500×250H	0,372	0,35	0,33	0,31	0,29	0,26	0,24	0,22	0,19	0,13	0,05		233	1,02	2740
5	SRF600×300	0,71	0,67	0,62	0,56	0,47	0,35	0,2	0,04					240	0,45	1340
6	SRF600×350	0,782	0,7	0,63	0,55	0,47	0,35	0,19	0,03					235	0,45	1330
7	SRF600×350H	1,06	0,98	0,91	0,84	0,77	0,69	0,59	0,48	0,32				427	0,79	1330
8	SRF700×400	1,28	1,16	1,06	0,96	0,83	0,67	0,4						401	0,82	920
9	SRF700×400H	1,51	1,45	1,39	1,33	1,26	1,18	1,1	1,01	0,91	0,67	0,27		818	1,55	1430
10	SRF800×500	2,11	1,93	1,75	1,58	1,4	1,19	0,92	0,51	0,08				656	1,46	880
11	SRF800×500H	2,23	2,15	2,05	1,95	1,84	1,75	1,64	1,53	1,41	1,14	0,74		1190	2,68	1360
12	SRF1000×500	2,64	2,51	2,37	2,23	2,07	1,89	1,69	1,44	1,1	0,03			1170	2,89	900

Rectangular Duct Fan SRF

Technical data

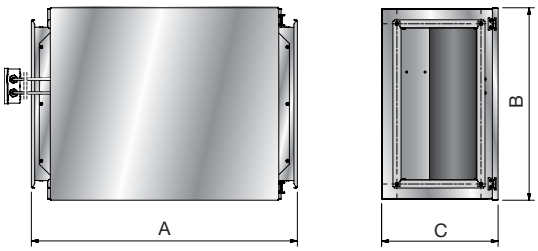
Graph Ref.	Product	Frequency	Sound Power Level 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
		Inlet	48	58	60	51	47	47	45	39	
1	SRF400X200	Outlet	52	59	64	61	57	62	56	48	47
		Breakout	28	39	53	43	40	41	34	31	
		Inlet	54	60	63	59	53	51	46	43	
2	SRF400X200H	Outlet	58	62	68	69	64	67	61	56	49
		Breakout	36	43	53	49	45	44	42	41	
		Inlet	51	60	54	48	41	39	39	33	
3	SRF500X250	Outlet	53	63	62	57	56	54	52	42	45
		Breakout	30	45	48	42	42	35	35	35	
		Inlet	54	56	60	53	56	56	54	47	
4	SRF500X250H	Outlet	50	55	66	63	63	66	61	55	47
		Breakout	43	40	49	47	45	46	40	35	
		Inlet	53	63	58	49	42	41	42	38	
5	SRF600X300	Outlet	57	69	67	59	59	54	53	49	51
		Breakout	35	56	51	40	38	34	34	29	
		Inlet	48	62	54	45	41	42	40	36	
6	SRF600X350	Outlet	52	66	62	54	57	52	50	44	48
		Breakout	31	53	49	39	37	34	33	31	
		Inlet	56	66	61	55	48	47	45	41	
7	SRF600X350H	Outlet	63	73	70	63	62	57	55	54	52
		Breakout	36	56	53	43	42	39	37	37	
		Inlet	58	67	59	57	50	43	40	36	
8	SRF700X400	Outlet	64	73	65	60	57	52	53	44	48
		Breakout	44	52	50	40	36	33	30	28	
		Inlet	58	70	65	62	56	51	49	44	
9	SRF700X400H	Outlet	70	76	74	69	68	61	60	56	57
		Breakout	43	62	58	47	46	43	42	40	
		Inlet	60	64	53	44	44	42	40	40	
10	SRF800X500	Outlet	68	71	63	59	58	54	51	48	49
		Breakout	49	54	50	41	40	37	36	33	
		Inlet	58	74	62	58	53	51	51	49	
11	SRF800X500H	Outlet	67	76	73	70	69	64	62	60	62
		Breakout	46	69	58	50	44	42	43	39	
		Inlet	63	70	61	54	53	50	48	48	
12	SRF1000X500	Outlet	69	76	69	66	66	62	68	54	55
		Breakout	53	60	56	46	42	42	42	34	

Rectangular Duct Fan SRF EC

Description

SRF is an insulated in-line duct fan with backward curved impellers, swing-out design and has rectangular connections.
The fan is equipped with external rotor EC motor with maintenance-free sealed ball-bearings.
The fan is manufactured from galvanised steel sheet and has an IP54 rating.

Dimensions



Product	A mm	B mm	C mm	m kg
SRF400×200 EC*	702	507	308	19,8
SRF500×250 EC*	744	1108	697	30,0
SRF500×250H EC*	744	608	410	36,9
SRF600×300 EC*	849	708	463	47,9
SRF600×300H EC	849	708	463	47,6
SRF600×350 EC*	849	708	513	49,1
SRF600×350H EC	849	708	513	49,1
SRF700×400 EC	994	808	567	59,9
SRF700×400H EC	994	808	567	62,9
SRF800×500 EC	1110	908	681	79,6
SRF800×500H EC	1110	908	681	89,4
SRF1000×500 EC	1214	1108	697	98,1
SRF1000×500H EC	1214	1108	697	110

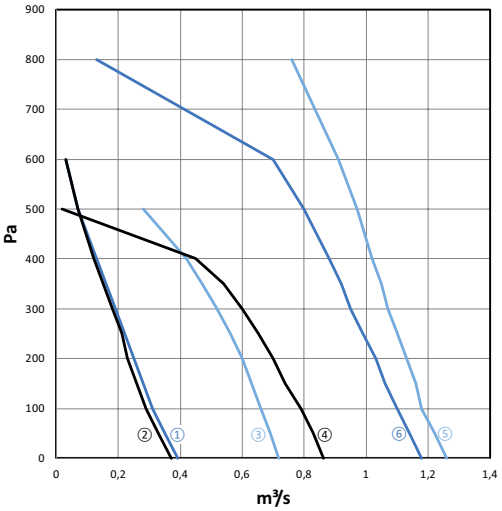
* = 230 volt
all other fans are 400 volt

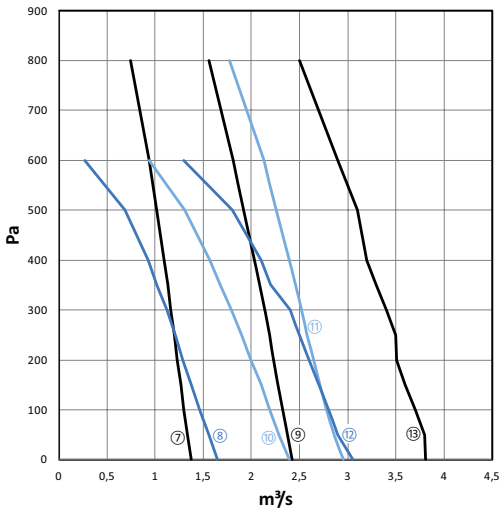
Ordering example

SRF	400 × 200	H	EC
Product			
Size			
Performance			
Motor			

Rectangular Duct Fan SRF EC

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	SRF400×200 EC	0,393	0,35	0,31	0,28	0,25	0,22	0,19	0,16	0,13	0,07	0,03		162	1,3	2770
2	SRF500×250 EC	0,371	0,33	0,29	0,26	0,23	0,21	0,18	0,15	0,12	0,07	0,03		163	1,26	2780
3	SRF500×250H EC	0,719	0,69	0,66	0,63	0,6	0,56	0,52	0,47	0,42	0,28			362	1,57	2020
4	SRF600×300 EC	0,862	0,83	0,79	0,74	0,7	0,65	0,6	0,54	0,45	0,02			357	1,56	1650
5	SRF600×300H EC	1,26	1,22	1,18	1,16	1,13	1,1	1,07	1,05	1,02	0,97	0,91	0,76	1160	1,81	2500
6	SRF600×350 EC	1,18	1,14	1,1	1,06	1,03	0,99	0,95	0,92	0,88	0,8	0,7	0,13	836	3,92	2200
7	SRF600×350H EC	1,38	1,34	1,3	1,27	1,23	1,2	1,16	1,13	1,09	1,02	0,94	0,75	1170	1,81	2500
8	SRF700×400 EC	1,65	1,56	1,46	1,38	1,29	1,21	1,12	1,02	0,93	0,69	0,27		711	3,24	1410
9	SRF700×400H EC	2,42	2,37	2,33	2,28	2,23	2,19	2,14	2,08	2,03	1,92	1,81	1,56	2320	3,58	2320
10	SRF800×500 EC	2,39	2,29	2,19	2,1	2	1,9	1,79	1,68	1,57	1,31	0,94		1200	1,87	1200
11	SRF800×500H EC	2,96	2,86	2,78	2,71	2,65	2,58	2,52	2,46	2,39	2,26	2,13	1,77	2420	3,68	1800
12	SRF1000×500 EC	3,05	2,9	2,8	2,7	2,6	2,5	2,4	2,2	2,1	1,8	1,3		1480	2,3	1230
13	SRF1000×500H EC	3,81	3,8	3,7	3,6	3,51	3,5	3,4	3,3	3,2	3,1	2,9	2,5	3260	4,98	1630

Rectangular Duct Fan SRF EC

Technical data

Graph Ref.	Product	Frequency	Sound Power Level 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
		Inlet	55	60	63	49	43	41	38	33	
1	SRF400X200 EC	Outlet	55	61	72	60	58	58	52	42	51
		Breakout	40	49	56	48	47	45	37	32	
		Inlet	49	56	57	48	50	49	48	37	
2	SRF500X250 EC	Outlet	52	59	64	58	61	64	58	49	50
		Breakout	39	47	55	47	45	44	39	32	
		Inlet	32	67	71	55	49	49	49	47	
3	SRF500X250H EC	Outlet	62	70	80	67	64	63	58	54	59
		Breakout	46	57	65	51	47	43	40	35	
		Inlet	60	67	67	57	47	45	45	42	
4	SRF600X300 EC	Outlet	61	74	72	63	62	58	55	54	57
		Breakout	44	58	61	48	43	40	36	31	
		Inlet	72	74	76	68	62	60	56	53	
5	SRF600X300H EC	Outlet	73	76	84	77	76	74	69	64	65
		Breakout	54	58	70	62	57	53	52	51	
		Inlet	64	70	75	64	57	54	51	50	
6	SRF600X350 EC	Outlet	67	73	83	72	72	67	64	63	63
		Breakout	48	56	69	54	49	48	46	44	
		Inlet	62	70	75	62	54	51	48	47	
7	SRF600X350H EC	Outlet	66	73	82	69	71	67	61	61	63
		Breakout	50	58	68	60	56	53	52	52	
		Inlet	62	72	67	66	60	51	47	44	
8	SRF700X400 EC	Outlet	64	76	72	67	65	60	59	54	57
		Breakout	47	63	57	48	42	41	40	36	
		Inlet	73	77	80	77	74	66	57	53	
9	SRF700X400H EC	Outlet	75	81	89	82	81	75	70	68	67
		Breakout	57	64	73	59	56	51	48	43	
		Inlet	59	60	49	40	41	41	42	31	
10	SRF800X500 EC	Outlet	61	66	61	55	55	55	57	40	61
		Breakout	48	66	58	52	53	50	46	41	
		Inlet	68	75	78	68	65	62	57	59	
11	SRF800X500H EC	Outlet	73	82	87	81	82	75	73	73	67
		Breakout	54	67	72	57	59	59	58	54	
		Inlet	62	75	65	62	56	53	50	47	
12	SRF1000X500 EC	Outlet	68	80	74	71	71	65	62	58	61
		Breakout	51	67	57	50	48	48	48	46	
		Inlet	67	77	73	70	67	63	60	56	
13	SRF1000X500H EC	Outlet	74	85	84	81	82	75	72	68	68
		Breakout	58	73	69	61	56	56	55	54	

Insulated Rectangular Duct Fan LRF

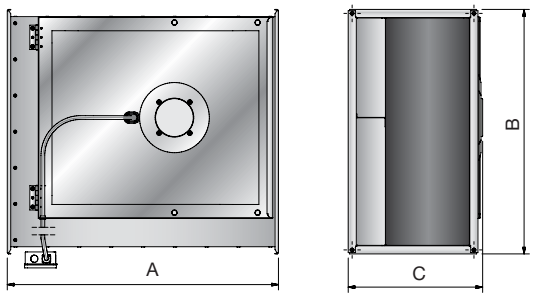
Description

LRF is a range of straight flow in-line centrifugal duct fans designed for rectangular ducts. They are compact, high capacity fans which operate quietly and can be fitted in any position.
LRF fans have backward curved impellers and are designed to cope with high pressure and long duct. The fans have a rigid housing made from galvanised steel. They are moisture proof and approved for use in outdoor environments.
The motors are maintenance free and protected from over-heating by thermo contacts. The impellers only require occasional cleaning. This cleaning is made easy with the LRF's swing out design.
The fan is manufactured from galvanised steel sheet and has an IP44 rating.

Ordering example

	LRF	400 × 200	H
Product			
Size			
Performance			

Dimensions

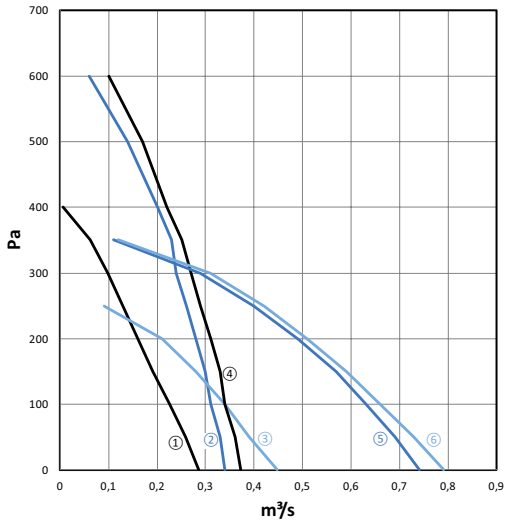


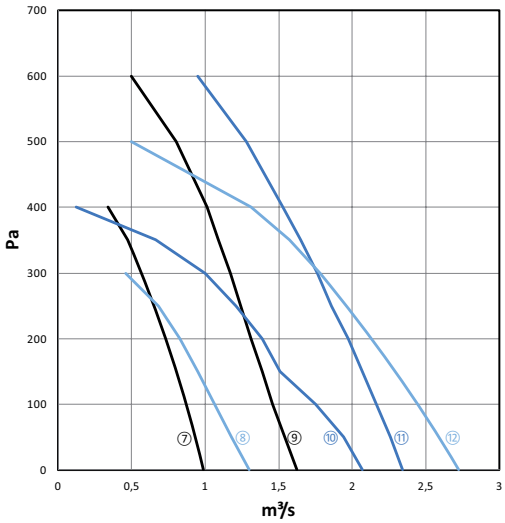
Product	A mm	B mm	C mm	m kg
LRF400×200	502	443	243	9,80
LRF400×200H	502	443	243	11,1
LRF500×250	532	543	294	16,4
LRF500×250H	532	543	294	15,2
LRF600×300	642	643	354	26,3
LRF600×350	642	643	404	27,1
LRF600×350H	642	643	404	30,4
LRF700×400	787	743	455	42,9
LRF700×400H	787	743	455	48,6
LRF800×500	913	843	557	61,8
LRF800×500H	913	843	557	64,2
LRF1000×500	1018	1043	556	84,0

400x200 - 500x250H are 230 volt
All other fans are 400 volt

Insulated Rectangular Duct Fan LRF

Technical data





Graph Ref.	Product	m³/s @ Pa												Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	800	W	FLC	RPM
1	LRF400×200	0,286	0,259	0,225	0,191	0,16	0,13	0,099	0,062	0,007				115	0,5	2530
2	LRF400×200H	0,34	0,33	0,31	0,3	0,28	0,26	0,24	0,23	0,2	0,14	0,06		229	1	2760
3	LRF500×250	0,448	0,39	0,34	0,28	0,21	0,09							133	0,59	1270
4	LRF500×250H	0,373	0,36	0,34	0,33	0,31	0,29	0,27	0,25	0,22	0,17	0,1		230	1,01	2750
5	LRF600××300	0,74	0,69	0,63	0,57	0,49	0,4	0,29	0,11					240	0,45	1330
6	LRF600×350	0,79	0,73	0,66	0,59	0,51	0,42	0,31	0,12					245	0,46	1330
7	LRF600×350H	0,985	0,93	0,87	0,8	0,73	0,65	0,57	0,47	0,34				424	0,79	1330
8	LRF700×400	1,3	1,18	1,06	0,95	0,83	0,68	0,46						386	0,8	920
9	LRF700×400H	1,62	1,54	1,46	1,39	1,31	1,24	1,17	1,09	1,01	0,8	0,5		830	1,58	1430
10	LRF800×500	2,07	1,94	1,75	1,51	1,39	1,21	1	0,66	0,12				639	1,44	880
11	LRF800×500H	2,34	2,26	2,16	2,07	1,97	1,86	1,76	1,65	1,53	1,28	0,95		1210	2,7	1360
12	LRF1000×500	2,72	2,59	2,44	2,29	2,13	1,96	1,78	1,57	1,31	0,5			1170	2,93	900

Insulated Rectangular Duct Fan LRF

Technical data

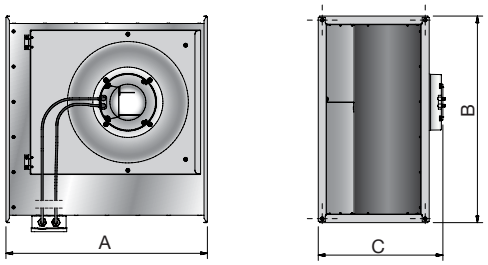
Graph Ref.	Product	Frequency	Sound Power Level 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
		Inlet	50	60	68	68	65	60	60	49	
1	LRF400X200	Outlet	53	61	70	71	66	69	65	53	55
		Breakout	27	42	55	58	54	53	48	34	
		Inlet	63	63	74	71	67	63	64	57	
2	LRF400X200H	Outlet	61	64	77	78	72	73	69	62	58
		Breakout	40	46	60	62	55	52	46	39	
		Inlet	56	62	63	58	53	55	50	41	
3	LRF500X250	Outlet	58	63	63	62	61	63	57	48	54
		Breakout	42	55	54	52	53	50	42	36	
		Inlet	69	64	68	63	65	63	62	55	
4	LRF500X250H	Outlet	66	60	73	72	71	74	69	62	56
		Breakout	47	46	60	58	52	51	46	40	
		Inlet	55	61	62	54	55	55	52	45	
5	LRF600X300	Outlet	57	66	66	61	62	60	55	48	52
		Breakout	32	54	54	48	46	43	41	34	
		Inlet	54	68	63	54	55	56	55	47	
6	LRF600X350	Outlet	56	68	69	64	65	61	59	56	49
		Breakout	32	52	51	45	46	40	38	32	
		Inlet	61	70	69	64	59	60	56	55	
7	LRF600X350H	Outlet	65	75	75	70	71	65	61	62	53
		Breakout	38	56	56	50	49	43	41	35	
		Inlet	60	69	67	62	58	56	52	44	
8	LRF700X400	Outlet	64	74	71	67	65	61	57	51	51
		Breakout	44	53	54	51	44	38	34	29	
		Inlet	62	75	75	70	66	64	62	57	
9	LRF700X400H	Outlet	69	78	80	75	75	69	67	63	59
		Breakout	45	59	62	58	54	45	43	40	
		Inlet	63	70	64	57	60	58	54	53	
10	LRF800X500	Outlet	70	75	70	66	66	61	58	57	52
		Breakout	48	54	54	50	46	39	36	35	
		Inlet	64	74	72	69	68	65	64	63	
11	LRF800X500H	Outlet	67	78	80	78	77	72	69	69	64
		Breakout	46	70	63	59	53	46	44	43	
		Inlet	64	72	67	63	67	63	60	55	
12	LRF1000X500	Outlet	77	78	76	73	74	70	66	60	55
		Breakout	48	56	59	54	49	45	41	38	

Rectangular Duct Fan LRF EC

Description

LRF EC is a range of straight flow in-line centrifugal EC duct fans designed for rectangular ducts. They are compact, high capacity fans which operate quietly and can be fitted in any position.
LRF EC fans have backward curved impellers and are designed to cope with high pressure and long duct. The fans have a rigid housing made from galvanised steel.
The motors are maintenance free and protected from over-heating by thermo contacts. The impellers only require occasional cleaning. This cleaning is made easy with the LRF EC's swing out design.
The fan is manufactured from galvanised steel sheet and has an IP44 rating.

Dimensions



Product	A mm	B mm	C mm	m kg
LRF300×150 EC*	375	343	193	6,50
LRF400×200 EC*	502	443	243	9,60
LRF500×250 EC*	532	543	293	13,8
LRF500×250H EC*	532	543	293	18,0
LRF600×300 EC*	642	643	386	32,3
LRF600×300H EC	642	643	391	29,1
LRF600×350 EC*	642	643	411	30,3
LRF600×350H EC	642	643	441	30,2
LRF700×400 EC*	787	743	493	42,0
LRF700×400H EC	787	743	493	43,4
LRF800×500 EC	913	843	595	55,5
LRF800×500H EC	913	843	606	65,3
LRF1000×500 EC	1017	1043	598	70,9
LRF1000×500H EC	1017	1043	624	83,3

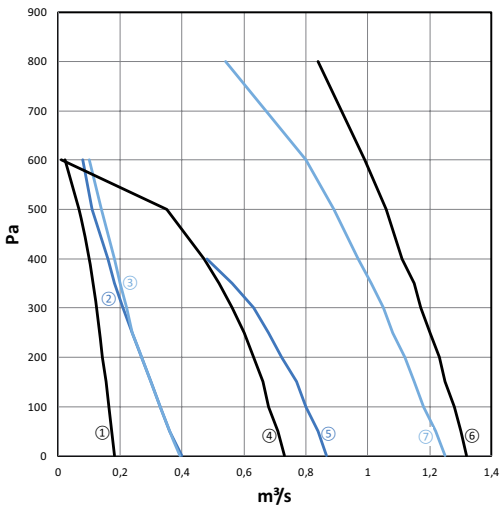
* = 230 volt
All other fans are 400 volt

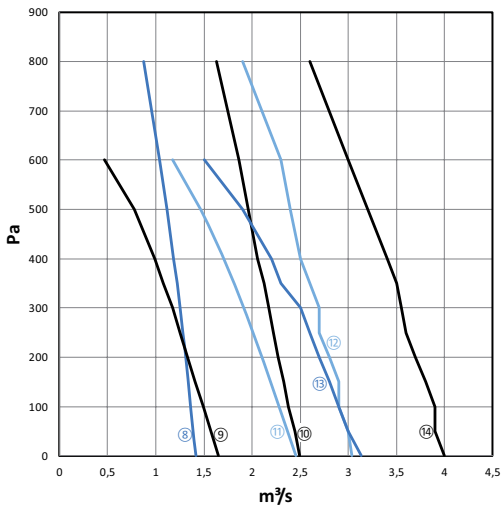
Ordering example

LRF	400 × 200	H	EC
Product			
Size			
Performance			
Motor			

Rectangular Duct Fan LRF EC

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	LRF300×150 EC	0,182	0,172	0,162	0,153	0,143	0,133	0,123	0,112	0,099	0,068	0,022		113	0,9	3700
2	LRF400×200 EC	0,398	0,36	0,33	0,3	0,27	0,24	0,21	0,18	0,16	0,11	0,08		162	1,26	2650
3	LRF500×250 EC	0,393	0,36	0,33	0,3	0,27	0,24	0,22	0,2	0,18	0,14	0,1		162	1,24	3080
4	LRF500×250H EC	0,73	0,71	0,68	0,66	0,63	0,6	0,56	0,52	0,47	0,35	0,01		366	1,59	2020
5	LRF600×300 EC	0,865	0,84	0,8	0,77	0,72	0,68	0,63	0,56	0,48				366	1,59	1650
6	LRF600×300H EC	1,32	1,3	1,28	1,25	1,23	1,2	1,17	1,15	1,112	1,06	0,99	0,84	1220	1,88	2500
7	LRF600×350 EC	1,25	1,22	1,18	1,15	1,12	1,08	1,05	1,01	0,97	0,89	0,8	0,54	880	4,04	2200
8	LRF600×350H EC	1,42	1,39	1,36	1,34	1,31	1,28	1,25	1,22	1,18	1,12	1,04	0,87	1220	1,91	2500
9	LRF700×400 EC	1,65	1,57	1,49	1,41	1,33	1,25	1,17	1,08	0,99	0,78	0,47		720	3,29	1420
10	LRF700×400H EC	2,49	2,44	2,38	2,33	2,27	2,22	2,17	2,12	2,06	1,96	1,86	1,63	2420	3,68	2130
11	LRF800×500 EC	2,45	2,37	2,28	2,19	2,11	2,01	1,91	1,81	1,71	1,47	1,17		1260	1,96	1400
12	LRF800×500H EC	3,04	3	2,9	2,9	2,8	2,7	2,7	2,6	2,5	2,4	2,3	1,9	2570	3,92	1800
13	LRF1000×500 EC	3,13	3	2,9	2,8	2,7	2,6	2,5	2,3	2,2	1,9	1,5		1570	2,45	1230
14	LRF1000×500H EC	4	3,9	3,9	3,8	3,7	3,6	3,55	3,5	3,4	3,2	3	2,6	3450	5,2	1630

Rectangular Duct Fan LRF EC

Technical data

Graph Ref.	Product	Frequency	Sound Power Level 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
		Inlet	55	65	71	74	65	64	65	57	
1	LRF300X150 EC	Outlet	60	66	74	77	73	75	72	63	57
		Breakout	34	50	52	61	57	54	48	40	
		Inlet	60	69	75	68	62	59	57	48	
2	LRF400X200 EC	Outlet	59	68	75	73	70	67	63	55	59
		Breakout	42	50	62	63	54	50	45	37	
		Inlet	60	65	72	63	66	66	64	52	
3	LRF500X250 EC	Outlet	59	67	75	73	71	73	68	58	57
		Breakout	44	49	62	58	51	49	43	36	
		Inlet	65	71	80	70	63	61	58	55	
4	LRF500X250H EC	Outlet	68	71	79	75	69	67	62	60	64
		Breakout	41	54	71	58	53	48	45	39	
		Inlet	63	73	76	66	61	61	58	58	
5	LRF600X300 EC	Outlet	65	70	78	74	69	67	63	62	56
		Breakout	36	56	60	55	52	47	44	38	
		Inlet	75	79	89	80	79	75	72	67	
6	LRF600X300H EC	Outlet	77	80	92	89	84	83	77	72	71
		Breakout	50	64	76	69	66	60	54	50	
		Inlet	70	75	86	74	72	71	68	63	
7	LRF600X350 EC	Outlet	70	76	90	83	81	77	73	68	68
		Breakout	40	55	74	60	59	57	50	46	
		Inlet	73	75	87	75	75	75	70	66	
8	LRF600X350H EC	Outlet	75	78	91	87	83	81	76	72	69
		Breakout	46	62	75	66	65	58	53	49	
		Inlet	67	76	73	69	66	63	60	58	
9	LRF700X400 EC	Outlet	69	77	80	75	74	68	64	62	57
		Breakout	45	58	61	57	51	45	44	39	
		Inlet	76	80	88	81	79	77	72	68	
10	LRF700X400H EC	Outlet	78	83	94	88	88	82	76	73	71
		Breakout	55	62	77	70	65	57	53	49	
		Inlet	66	79	73	70	72	70	67	67	
11	LRF800X500 EC	Outlet	70	81	81	78	78	74	71	70	62
		Breakout	50	66	62	59	53	46	42	40	
		Inlet	70	80	87	78	78	75	72	68	
12	LRF800X500H EC	Outlet	75	82	90	85	86	82	79	73	70
		Breakout	54	66	75	67	61	54	53	49	
		Inlet	66	79	72	70	72	70	65	65	
13	LRF1000X500 EC	Outlet	71	82	82	79	78	75	70	71	65
		Breakout	51	70	64	59	55	49	47	45	
		Inlet	74	84	82	81	81	78	74	69	
14	LRF1000X500H EC	Outlet	76	89	91	87	88	84	80	74	72
		Breakout	58	73	75	71	65	58	64	49	

Insulated Rectangular Duct Fan IRF

Description

IRF is a range of insulated in-line centrifugal duct fans.

They provide high pressure with low sound level.

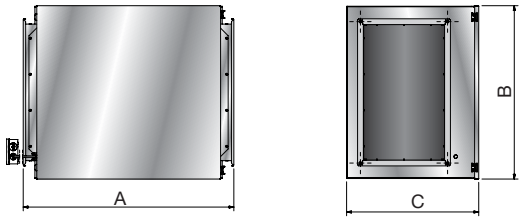
The IRF fans have good sound insulation qualities provided by a 50 mm of mineral wool. The high quality ball bearing mounted external rotor motors are maintenance free. They can be speed controlled from 0-100% by voltage variation. All motors are protected by approved thermo contacts.

The fans have a strong galvanized steel housing with an IP54 rating incorporating a swing out design of the fan motor and impeller for easy cleaning and inspection.

Ordering example

IRF	400 × 200	H
Product		
Size		
Performance		

Dimensions

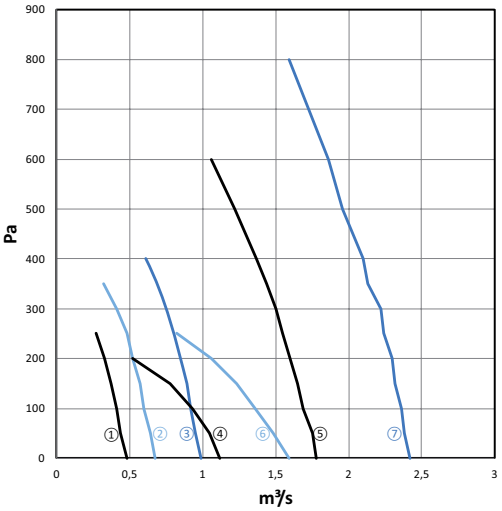


Product	A mm	B mm	C mm	m kg
IRF400×200	666	527	341	26,4
IRF500×250	717	587	395	37,8
IRF500x300H	778	640	488	55,2
IRF600×350	918	780	583	71,9
IRF600×350H	918	780	583	81,7
IRF800×500	1067	955	705	99,8
IRF800×500H	1067	955	705	113

All fans are 400 volt.
* = 230 volt

Insulated Rectangular Duct Fan IRF

Technical data



Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	IRF400X200	0,48	0,44	0,41	0,37	0,33	0,27							465	0,9	1310
2	IRF500X250	0,673	0,64	0,6	0,57	0,52	0,48	0,41	0,32					723	1,5	1240
3	IRF500X300H	0,989	0,95	0,92	0,89	0,85	0,8	0,75	0,69	0,61				1500	2,68	1300
4	IRF600X350	1,12	1,05	0,93	0,78	0,52								540	2	690
5	IRF600X350H	1,78	1,75	1,69	1,65	1,6	1,55	1,5	1,44	1,37	1,22	1,06		3400	5,8	1390
6	IRF800X500	1,59	1,48	1,36	1,23	1,06	0,82							1200	2,8	660
7	IRF800X500H	2,42	2,38	2,36	2,32	2,3	2,24	2,22	2,13	2,1	1,96	1,86	1,59	3210	8,9	1390

Insulated Rectangular Duct Fan IRF

Technical data

Graph Ref.	Product	Frequency	Sound Power Level 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
		Inlet	53	60	59	56	49	46	44	38	
1	IRF400X200	Outlet	62	65	67	69	69	67	66	60	46
		Breakout	38	37	50	43	44	41	38	33	
		Inlet	58	60	58	50	49	49	49	41	
2	IRF500X250	Outlet	64	68	70	74	77	74	73	66	49
		Breakout	41	45	50	46	49	47	43	38	
		Inlet	62	72	65	57	59	60	58	54	
3	IRF500X300H	Outlet	67	76	80	79	82	83	82	76	52
		Breakout	41	49	54	50	52	48	47	40	
		Inlet	55	57	56	53	52	53	50	38	
4	IRF600X350	Outlet	58	59	63	68	68	67	65	51	43
		Breakout	41	36	44	46	41	39	39	37	
		Inlet	67	72	68	64	69	71	67	59	
5	IRF600X350H	Outlet	67	73	75	78	85	82	79	69	56
		Breakout	54	51	56	54	55	56	55	49	
		Inlet	56	58	55	53	57	56	53	41	
6	IRF800X500	Outlet	66	67	69	73	73	73	69	57	43
		Breakout	39	39	43	44	40	40	37	37	
		Inlet	67	72	67	63	73	73	68	60	
7	IRF800X500H	Outlet	73	77	78	82	88	87	82	72	57
		Breakout	56	54	57	56	56	58	53	48	

Box Fan

MFF

Description

Duct fan with square connections. Provides High capacity and very good efficiency.

Impeller with backward curved blades. The external rotor motor has maintenance-free sealed ball-bearings. Integrated approved thermal motor protection.

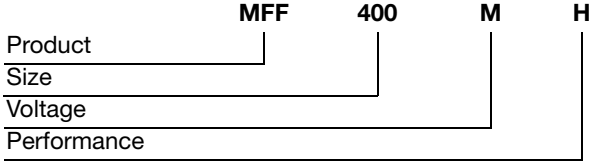
Motor has insulation class F. Enclosure class of the fan is IP 44.

Junction box has enclosure class IP 54.For speed control a transformer or electric speed controller can be connected. The fan housing is manufactured from galvanized sheet steel.

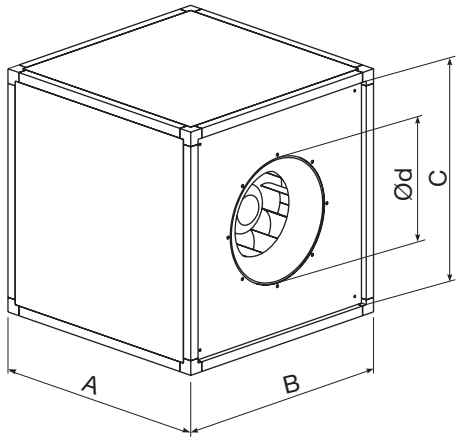
When duct connected the fan can be installed outside or in damp environments.

Easy installation in any position.

Ordering example



Dimensions

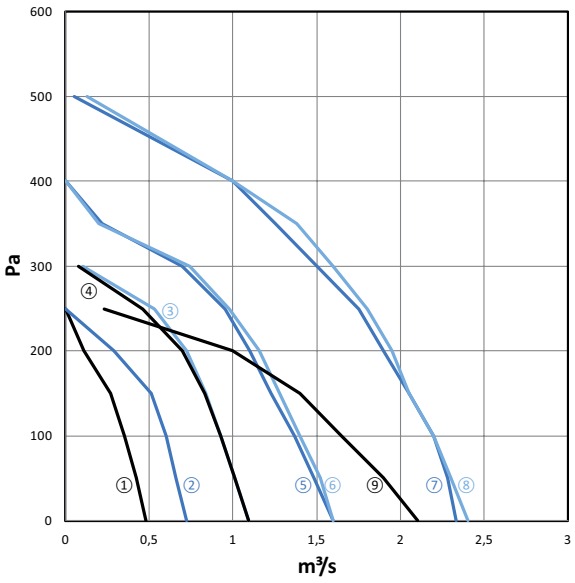


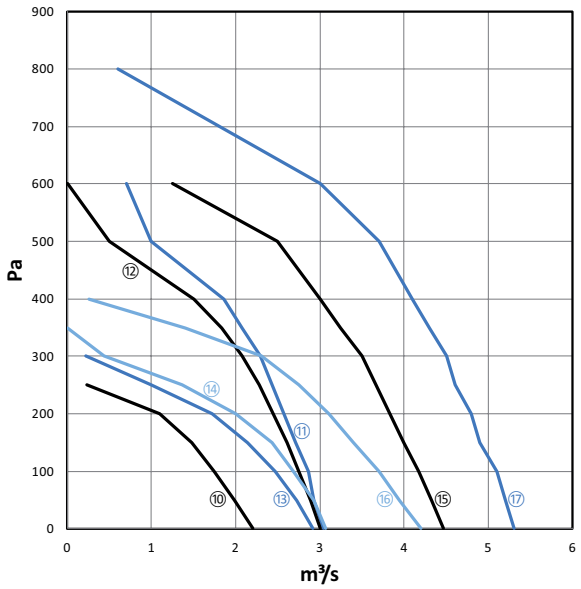
Product	Ød mm	A mm	C mm	m kg
MFF400M	400	443	291	12
MFF450M	450	493	291	14
MFF500M	500	543	326	21
MFF500T	500	543	326	21
MFF600M	600	643	394	29
MFF600T	600	643	394	29
MFF600MH	600	643	394	35
MFF600TH	600	643	441	35
MFF700M	700	743	458	45
MFF700T	700	743	458	45
MFF700MH	700	743	458	49
MFF700TH	700	743	458	49
MFF750M	750	793	503	53
MFF750T	750	793	503	53
MFF750TH	750	793	503	53
MFF850T	850	893	523	62
MFF850TH	850	893	523	75

M = 230 volt
T = 400 volt

Box Fan MFF

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	MFF400M	0,48	0,42	0,35	0,27	0,11	0							138	0,61	1250
2	MFF450M	0,72	0,66	0,6	0,51	0,29	0							213	1,06	1370
3	MFF500M	1,09	1,01	0,93	0,84	0,72	0,53	0,1						368	1,87	1390
4	MFF500T	1,09	1,01	0,93	0,83	0,7	0,46	0,08								
5	MFF600M	1,6	1,48	1,37	1,23	1,1	0,95	0,7	0,22	0				587	2,69	1270
6	MFF600T	1,6	1,52	1,4	1,28	1,16	0,98	0,74	0,2	0				552	1,17/2	1280
7	MFF600MH	2,33	2,28	2,2	2,05	1,9	1,75	1,5	1,25	1	0,05			1140	5,5	1380
8	MFF600TH	2,4	2,3	2,2	2,05	1,95	1,8	1,6	1,38	1	0,13			1030	2	1380
9	MFF700M	2,1	1,9	1,65	1,4	1	0,23							533	2,48	900
10	MFF700T	2,2	1,98	1,75	1,48	1,1	0,23							502	1,32/2	920
11	MFF700MH	3,04	2,93	2,86	2,71	2,57	2,43	2,29	2,07	1,86	1	0,7		1600	7,1	1350
12	MFF700TH	3	2,89	2,75	2,61	2,44	2,28	2,08	1,83	1,5	0,5	0		1340	2,71	1280
13	MFF750M	2,92	2,72	2,47	2,14	1,72	1	0,22						865	4,58	880
14	MFF750T	3,07	2,93	2,68	2,43	2	1,36	0,43	0					828	2,14/4	920
15	MFF750TH	4,46	4,33	4,17	4	3,83	3,67	3,5	3,25	3	2,5	1,25		2480	4,63	1340
16	MFF850T	4,2	3,95	3,7	3,4	3,1	2,75	2,3	1,4	0,25				1360	3,37/6	920
17	MFF850TH	5,3	5,2	5,1	4,9	4,8	4,6	4,5	4,3	4,1	3,7	3	0,6	3910	6,6/11	1280

Box Fan MFF

Technical data

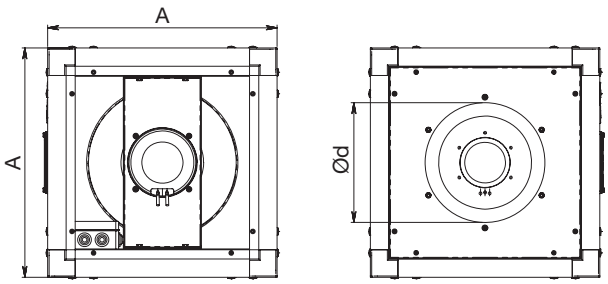
Graph Ref.	Product	Frequency	Sound Power Level 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
		Inlet	49	60	58	58	53	55	54	51	
1	MFF400M	Outlet	50	62	58	54	56	59	55	51	46
		Breakout	30	43	49	45	48	34	31	29	
		Inlet	50	63	60	58	56	60	55	50	
2	MFF450M	Outlet	52	62	64	56	61	63	59	53	44
		Breakout	31	42	45	45	44	40	34	32	
		Inlet	53	65	64	62	60	63	57	51	
3	MFF500M	Outlet	54	66	65	59	64	66	62	55	47
		Breakout	34	46	51	49	43	41	38	31	
		Inlet	49	52	50	46	53	51	44	33	
4	MFF500T	Outlet	66	72	72	64	72	71	67	59	52
		Breakout	40	40	57	50	49	45	41	34	
		Inlet	57	72	67	67	71	68	65	57	
5	MFF600M	Outlet	64	71	70	64	72	72	68	60	53
		Breakout	37	45	57	54	50	46	42	35	
		Inlet	49	52	50	46	53	51	44	33	
6	MFF600T	Outlet	66	72	72	64	72	71	67	59	52
		Breakout	40	40	57	50	49	45	41	34	
		Inlet	62	73	72	71	73	71	69	62	
7	MFF600MH	Outlet	69	73	74	68	74	75	71	63	55
		Breakout	43	52	57	58	53	49	45	38	
		Inlet	62	72	73	70	73	70	67	60	
8	MFF600TH	Outlet	70	73	74	67	74	73	68	60	55
		Breakout	43	46	58	55	53	48	43	37	
		Inlet	55	65	66	65	64	63	59	50	
9	MFF700M	Outlet	64	71	73	68	72	70	64	54	52
		Breakout	35	45	59	48	42	38	36	29	
		Inlet	56	66	63	64	64	62	58	49	
10	MFF700T	Outlet	62	69	67	66	70	68	61	51	47
		Breakout	35	46	52	44	45	37	34	29	
		Inlet	66	74	72	76	75	75	73	66	
11	MFF700MH	Outlet	71	77	78	76	82	80	74	66	59
		Breakout	44	54	65	57	53	50	46	40	
		Inlet	60	76	71	74	74	73	71	65	
12	MFF700TH	Outlet	69	76	76	77	82	77	72	63	57
		Breakout	47	51	62	53	51	46	42	38	
		Inlet	59	69	69	64	67	62	58	54	
13	MFF750M	Outlet	67	74	72	71	77	71	65	61	56
		Breakout	42	58	61	55	52	41	36	32	
		Inlet	61	68	67	65	70	64	60	56	
14	MFF750T	Outlet	69	75	75	74	78	72	66	61	56
		Breakout	42	49	62	50	50	41	34	30	
		Inlet	71	77	75	74	79	74	71	66	
15	MFF750TH	Outlet	77	82	83	85	89	84	79	71	62
		Breakout	46	54	68	60	60	55	48	41	
		Inlet	61	74	70	71	74	72	67	59	
16	MFF850T	Outlet	74	78	81	82	81	75	68	59	59
		Breakout	45	51	65	58	55	51	45	36	
		Inlet	69	79	77	80	83	81	77	69	
17	MFF850TH	Outlet	82	85	87	89	91	85	79	69	66
		Breakout	55	61	71	65	64	61	55	48	

Modular Box Fan MBF EC

Description

Acoustically insulated duct fans for ventilation and air conditioning systems. Used for the air supply or extract. Not suitable for polluted air, aggressive and explosive gases.
Backward curved impellor.
External rotor EC motor, direct transmission, high efficiency long-serving bearing with no maintenance requirements.
Housing is made of galvanized steel, housing frame made of aluminium profiles, perforated sheet, which reduces noise level in duct systems.

Dimensions



Product	Ød mm	A mm	m kg
MBF355 M EC	261	500	28,0
MBF400/M EC	325	670	50,0
MBF500/T EC	412	670	51,0
MBF560/T EC	461	800	87,0
MBF630/T EC	512	800	73,0

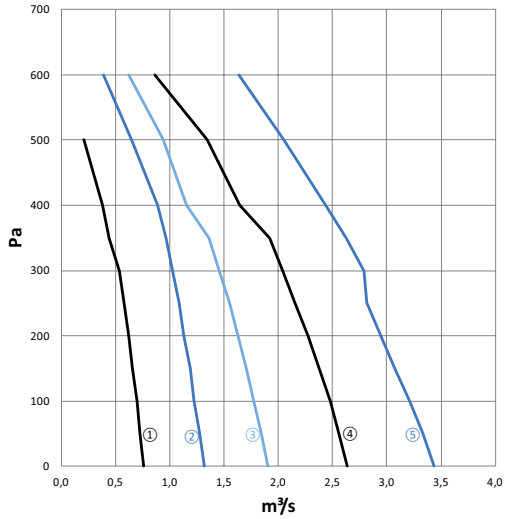
M = 230 volt
T = 400 volt

Ordering example

MBF	355	M	EC
Product			
Size			
Voltage			
Motor			

Modular Box Fan MBF EC

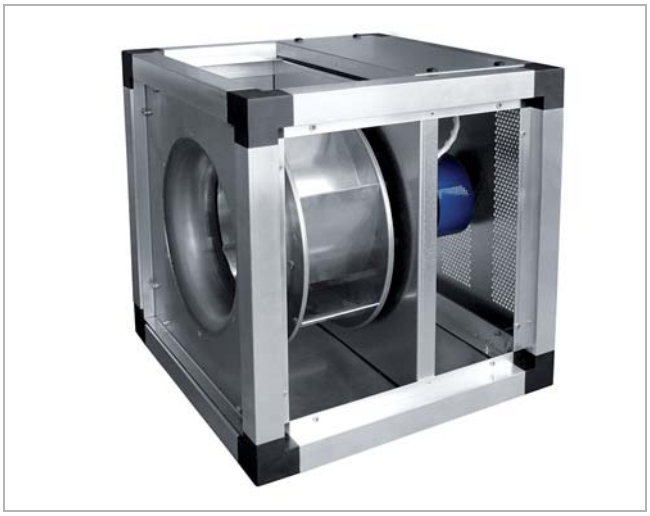
Technical data



Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	Motor W	Amps FLC	Speed RPM
1	MBF355/M EC	0,760	0,726	0,694	0,657	0,622	0,580	0,532	0,439	0,379	0,208		0,407	1,93	2010
2	MBF400/M EC	1,314	1,271	1,226	1,184	1,132	1,081	1,023	0,962	0,890	0,645	0,389	0,764	3,46	1700
3	MBF500/T EC	1,906	1,845	1,772	1,705	1,631	1,548	1,459	1,360	1,157	0,937	0,623	1,286	2,04	1400
4	MBF560/T EC	2,638	2,558	2,479	2,379	2,276	2,148	2,038	1,922	1,647	1,340	0,859	1,573	2,45	1230
5	MBF630/T EC	3,438	3,330	3,214	3,076	2,940	2,811	2,789	2,623	2,434	2,047	1,638	2,956	4,55	1230

Graph Ref.	Product	Sound Power Level (Breakout) 125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	MBF355/M EC	38	47	51	50	47	42	39	56
2	MBF400/M EC	45	51	56	54	49	47	45	60
3	MBF500/T EC	48	57	57	55	52	50	49	62
4	MBF560/T EC	56	62	62	60	59	56	54	68
5	MBF630/T EC	58	67	67	66	64	59	57	73

Thermal Modular Box Fan TMBF



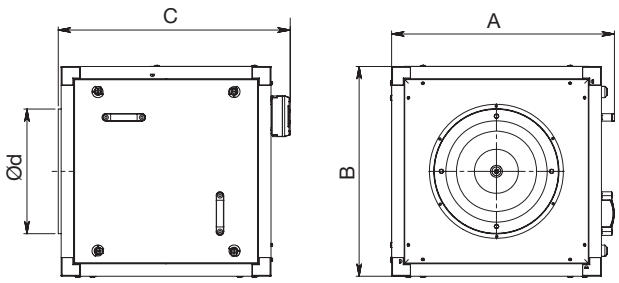
Description

Kitchen exhaust units are used for installation where the air is slightly greasy or the air temperature is up to 120°C. Typical applications are to exhaust kitchens, production shops and other areas where polluted air has to be exhausted. Motors are outside of the air stream. Panels are removable, allowing flexible installation. Fans airflow direction is 90°. Impellers: backward - curved blades.
Motor is IEC standard motor with external rotor, speed controllable, On/Off safety switch, built-in thermal-contacts.
The casing consists of an aluminium frame and double skin, galvanised steel panels with 25 mm mineral wool insulation and carries an IP54 rating.

Ordering example

TMBF	400	4	T
Product			
Size			
Polarity			
Voltage			

Dimensions

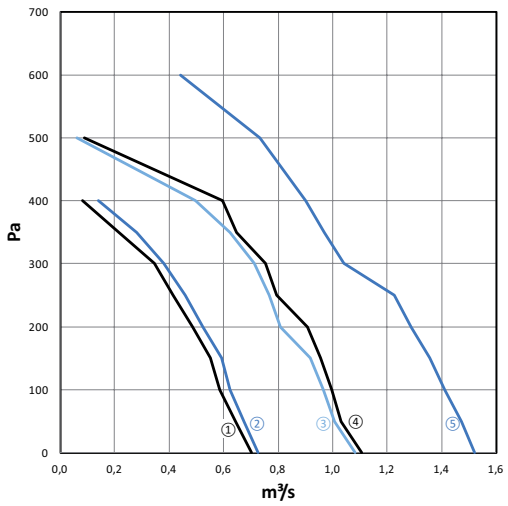


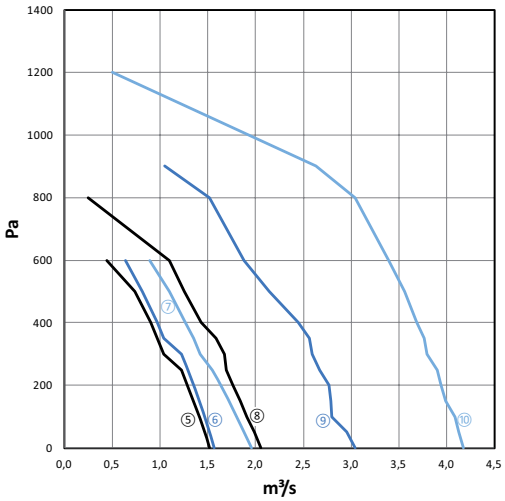
Product	Ød mm	A mm	B mm	C mm	m kg
TMBF355 4 T	355	540	500	570	33,0
TMBF400/4/T	400	712	670	740	55,0
TMBF450/4/T	450	712	670	740	62,0
TMBF500/4/T	500	712	670	740	66,0
TMBF560/4/T	560	840	800	870	98,0
TMBF630/4/T	630	905	865	940	134

T = 400 volt

Thermal Modular Box Fan TMBF

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	900	1200	Motor W	Amps FLC	Speed RPM
1	TMBF355/4/T	0,728	0,674	0,623	0,592	0,525	0,457	0,380	0,281	0,141						0,35	1,06	1340
2	TMBF400/4/T	1,104	1,030	0,995	0,955	0,908	0,795	0,752	0,648	0,595	0,089					0,54	1,38	1390
3	TMBF450/4/T	1,568	1,518	1,466	1,412	1,348	1,293	1,227	1,037	0,971	0,816	0,643				0,92	2,13	1430
4	TMBF500/4/T	2,057	1,983	1,911	1,836	1,759	1,698	1,677	1,586	1,428	1,250	1,097	0,251			1,44	3,08	1430
5	TMBF560/4/T	3,039	2,955	2,801	2,783	2,773	2,675	2,588	2,568	2,450	2,144	1,879	1,516	1,049		2,5	5,04	1440
6	TMBF630/4/T	4,179	4,131	4,082	3,985	3,937	3,901	3,792	3,768	3,683	3,562	3,392	3,041	2,629	0,499	4,88	8,9	1450

Graph Ref.	Product	Sound Power Level (Breakout) 125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	TMBF355/4/T	43	48	52	47	43	40	36	55
2	TMBF400/4/T	47	54	55	52	49	43	37	59
3	TMBF450/4/T	51	57	58	54	51	47	41	62
4	TMBF500/4/T	56	58	60	58	54	47	45	65
5	TMBF560/4/T	60	65	66	64	60	51	49	71
6	TMBF630/4/T	68	72	73	70	65	59	55	78

Roof fans

Lindab®

Content

Swing Out Roof Fan CRF

Description

The CRF range of roof fans have a circular flat weathering skirt and are easy to install.

The combination of a high quality external rotor motor and backward curved impeller ensures high performance and safe operation.

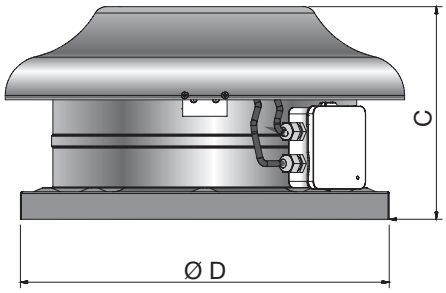
They are manufactured from polyester coated galvanised sheet metal for superior corrosion resistance. The speed controllable motors have sealed for life ball bearings.

CRF roof units have a swing out design for easy cleaning and maintenance and have an IP44 rating.

Ordering example

CRF	300	H
Product		
Size		
Performance		

Dimensions

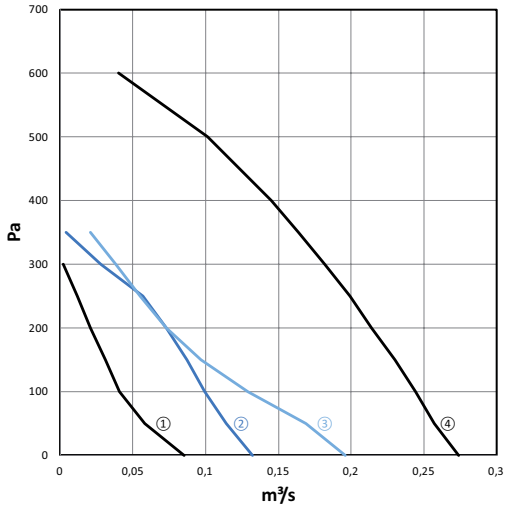


Product	ØD nom	C mm	m kg
CRF300	300	205	4,10
CRF300H	300	205	4,10
CRF400	400	217	5,80
CRF400H	400	217	5,80

All fans are 230 volt.

Swing Out Roof Fan CRF

Technical data



Graph Ref.	Product	m³/s @ Pa											Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	W	FLC	RPM
1	RFS300	0,085	0,058	0,041	0,031	0,021	0,012	0,02					44	0,19	1700
2	RFS300H	0,0132	0,114	0,099	0,087	0,073	0,057	0,028	0,004				62	0,31	2460
3	RFS400	0,196	0,169	0,129	0,097	0,073	0,055	0,038	0,021				91	0,42	1850
4	RFS400H	0,274	0,257	0,244	0,23	0,214	0,199	0,182	0,164	0,145	0,101	0,04	141	0,62	2760

Graph Ref.	Product	Sound Power Level (Breakout)								dB(A)
		63	125	250	500	1K	2K	4K	8K	@ 3m
1	CRF300	47	33	44	48	52	48	39	33	49
2	CRF300H	47	40	54	58	64	62	54	45	60
3	CRF400	41	44	56	60	60	57	51	38	58
4	CRF400H	35	44	57	61	63	61	56	51	61

Swing Out Roof Fan CRF EC

Description

The CRF EC range of roof fans have a circular flat weathering skirt and are easy to install.

The combination of a high quality external rotor EC motor and backward curved impeller ensures high performance and safe operation.

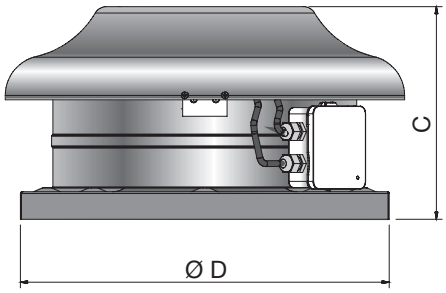
They are manufactured from polyester coated galvanised sheet metal for superior corrosion resistance. The speed controllable motors have sealed for life ball bearings.

CRF EC roof units have a swing out design for easy cleaning and maintenance and have an IP44 rating

Ordering example

CRF	300	EC
Product		
Size		
Motor		

Dimensions

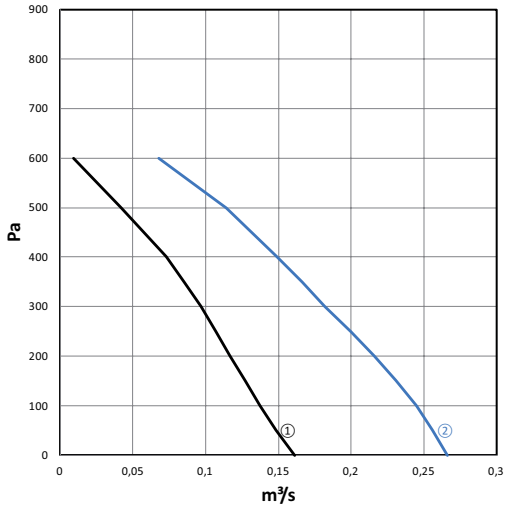


Product	ØD nom	C mm	m kg
CRF300 EC	300	205	4,20
CRF400 EC	400	217	5,80

All fans are 230 volt.

Swing Out Roof Fan CRF EC

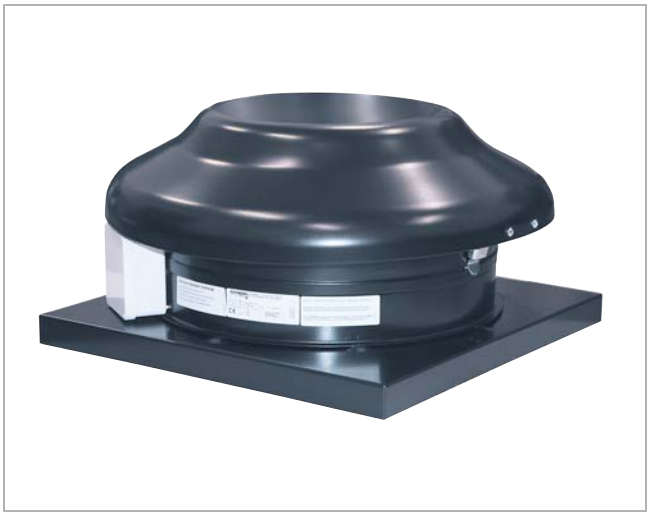
Technical data



Graph Ref.	Product	m³/s @ Pa											Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	W	FLC	RPM
1	RFS300	0,085	0,058	0,041	0,031	0,021	0,012	0,02					44	0,19	1700
2	RFS300H	0,0132	0,114	0,099	0,087	0,073	0,057	0,028	0,004				62	0,31	2460
3	RFS400	0,196	0,169	0,129	0,097	0,073	0,055	0,038	0,021				91	0,42	1850
4	RFS400H	0,274	0,257	0,244	0,23	0,214	0,199	0,182	0,164	0,145	0,101	0,04	141	0,62	2760

Graph Ref.	Product	Sound Power Level (Breakout)								dB(A)
		63	125	250	500	1K	2K	4K	8K	@ 3m
1	CRF300	47	33	44	48	52	48	39	33	49
2	CRF300H	47	40	54	58	64	62	54	45	60
3	CRF400	41	44	56	60	60	57	51	38	58
4	CRF400H	35	44	57	61	63	61	56	51	61

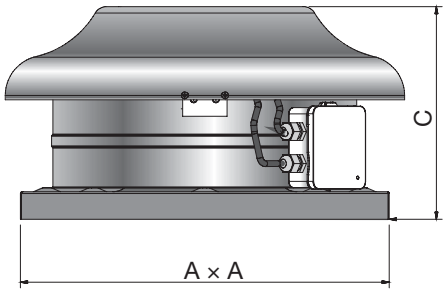
Swing Out Roof Fan RFS



Description

The RFS range of roof fans have a circular flat weathering skirt and are easy to install.
The combination of a high quality external rotor motor and backward curved impeller ensures high performance and safe operation.
They are manufactured from polyester coated galvanised sheet metal for superior corrosion resistance. The speed controllable motors have sealed for life ball bearings.
RFS roof units have a swing out design for easy cleaning and maintenance and have an IP44 rating

Dimensions



Product	Dim mm	A mm	A mm	C mm	m kg
RFS300	300	305	305	224	4,30
RFS300H	300	305	305	224	4,30
RFS400H	400	415	415	235	7,00
RFS400	400	415	415	235	6,20

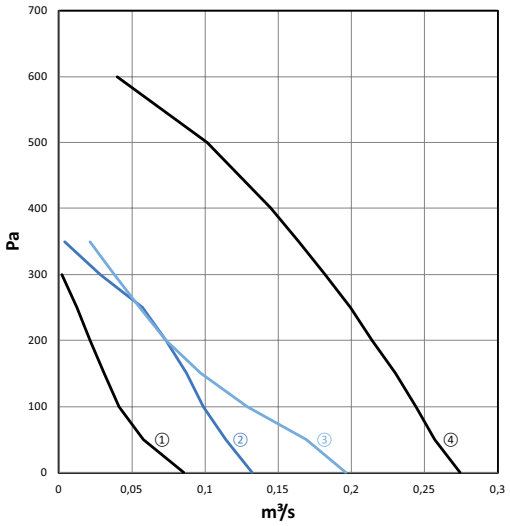
All fans are 230 volt.

Ordering example

RFS	300	H
Product		
Size		
Performance		

Swing Out Roof Fan RFS

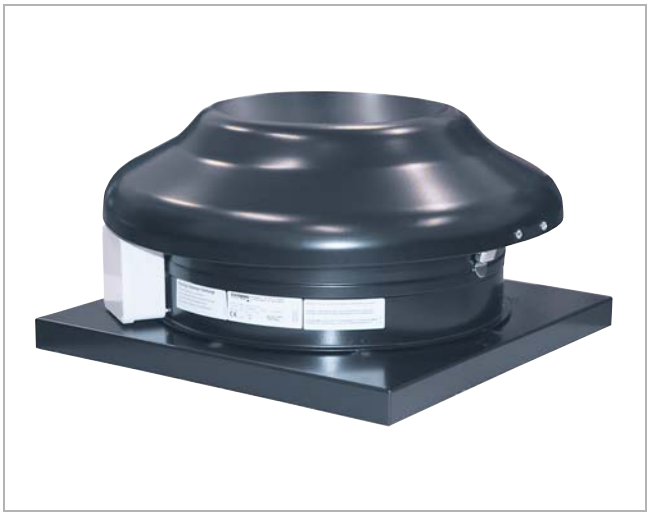
Technical data



Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	Motor W	Amps FLC	Speed RPM
1	RFS300	0,085	0,058	0,041	0,031	0,021	0,012	0,02					44	0,19	1700
2	RFS300H	0,0132	0,114	0,099	0,087	0,073	0,057	0,028	0,004				62	0,31	2460
3	RFS400	0,196	0,169	0,129	0,097	0,073	0,055	0,038	0,021				91	0,42	1850
4	RFS400H	0,274	0,257	0,244	0,23	0,214	0,199	0,182	0,164	0,145	0,101	0,04	141	0,62	2760

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	RFS300	47	33	44	48	52	48	39	33	49
2	RFS300H	47	40	54	58	64	62	54	45	60
3	RFS400	41	44	56	60	60	57	51	38	58
4	RFS400H	35	44	57	61	63	61	56	51	61

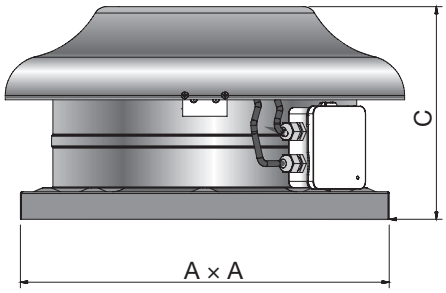
Swing Out Roof Fan RFS EC



Description

The RFS EC range of roof fans have a circular flat weathering skirt and are easy to install.
The combination of a high quality external rotor motor and backward curved impeller ensures high performance and safe operation.
They are manufactured from polyester coated galvanised sheet metal for superior corrosion resistance. The speed controllable motors have sealed for life ball bearings.
RFS EC roof units have a swing out design for easy cleaning and maintenance and have an IP44 rating.

Dimensions



Product	Dim mm	A mm	A mm	C mm	m kg
RFS300 EC	300	305	305	224	4,20
RFS400 EC	400	415	415	235	4,20

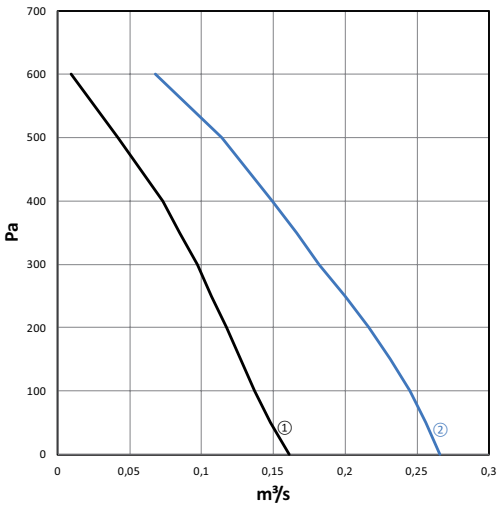
All fans are 230 volt.

Ordering example

RFS	300	EC
Product		
Size		
Motor		

Swing Out Roof Fan RFS EC

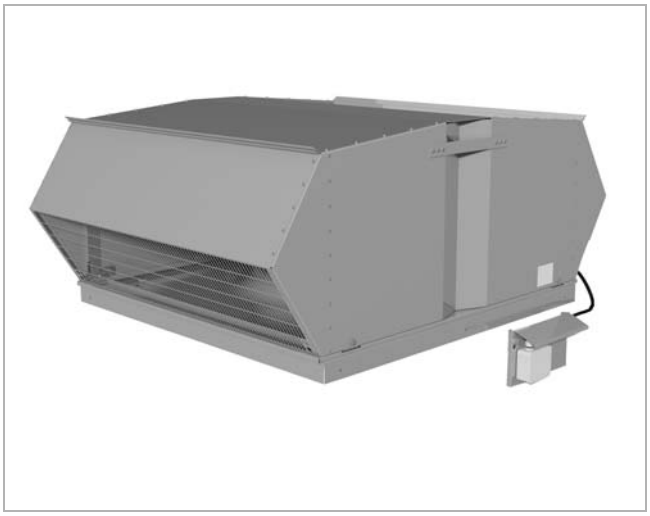
Technical data



Graph Ref.	Product	m³/s @ Pa											Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	W	FLC	RPM
1	RFS300 EC	0,161	0,148	0,137	0,127	0,117	0,107	0,097	0,085	0,073	0,042	0,009	94	0,78	3510
2	RFS400 EC	0,266	0,256	0,245	0,231	0,216	0,2	0,182	0,166	0,149	0,114	0,068	155	1,23	3350

Graph Ref.	Product	Sound Power Level (Breakout)								dB(A)
		63	125	250	500	1K	2K	4K	8K	@ 3m
1	RFS300 EC	37	47	58	62	68	67	60	51	65
2	RFS400 EC	43	55	65	69	71	69	65	56	69

Horizontal Discharge Fan HDF



Description

The HDF range of roof fans have a square connection with a vertical discharge pattern.

The combination of a high quality external rotor motor and backward curved impeller ensures high performance and safe operation.

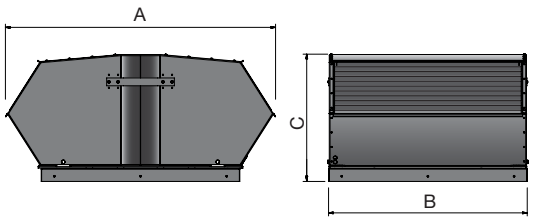
They are manufactured from black polyester coated galvanised sheet metal for superior corrosion resistance. The speed controllable motors have sealed for life ball bearings.

HDF roof units have a swing out design for easy cleaning and maintenance and have an IP54 rating.

Ordering example

HDF	400	H
Product		
Size		
Performance		

Dimensions

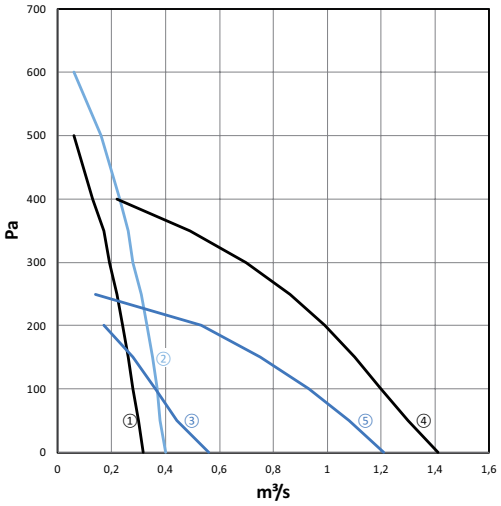


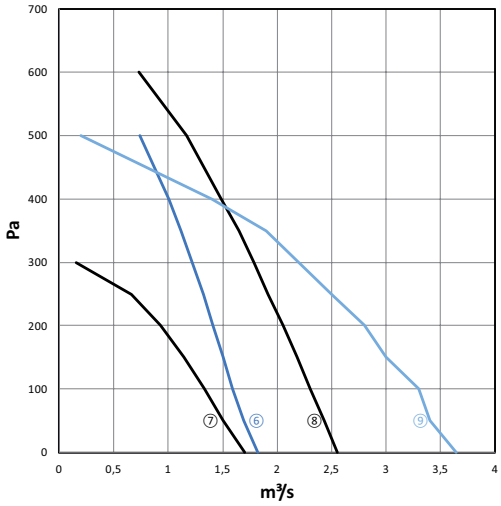
Product	Dim mm	A mm	B mm	C mm	m kg
HDF400	400	415	415	184	8,50
HDF400H	400	415	415	184	9,00
HDF560	560	564	564	336	19,9
HDF560H	560	564	564	336	23,7
HDF660	660	663	663	391	34,3
HDF660H	660	663	663	391	42,1
HDF760	760	763	763	487	50,8
HDF760H	760	763	763	487	59,7
HDF960	960	963	963	534	86,3

HDF400(H) are 230 volt.
Above this fans are Star 400v/Delta 230 v.

Horizontal Discharge Fan HDF

Technical data

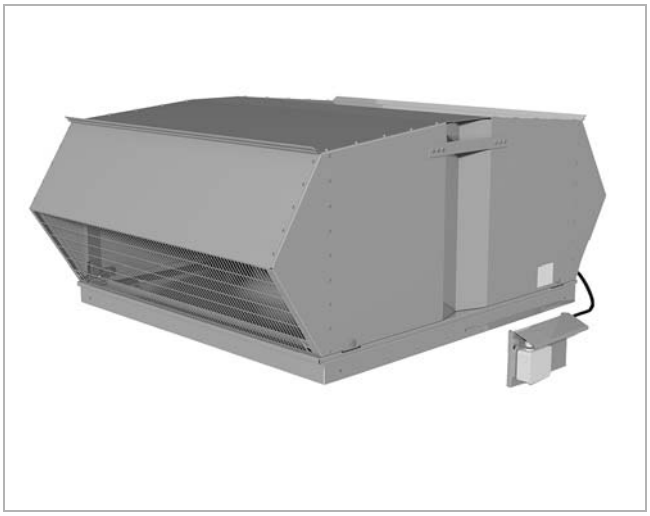




Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	HDF400	0,316	0,3	0,28	0,26	0,24	0,22	0,19	0,17	0,13	0,06			158	0,68	2690
2	HDF400H	0,399	0,38	0,37	0,35	0,33	0,31	0,28	0,26	0,23	0,16	0,06		223	0,96	2780
3	HDF560	0,56	0,44	0,36	0,28	0,17								137	0,61	1250
4	HDF560H	1,41	1,3	1,2	1,1	0,99	0,86	0,7	0,49	0,22				435	0,8	1320
5	HDF660	1,21	1,08	0,93	0,75	0,53	0,14							247	0,56	930
6	HDF660H	1,82	1,69	1,59	1,5	1,41	1,32	1,22	1,12	1,01	0,74			836	1,58	1430
7	HDF760	1,7	1,5	1,33	1,14	0,93	0,66	0,16						399	0,82	920
8	HDF760H	2,55	2,43	2,3	2,18	2,05	1,92	1,79	1,65	1,49	1,17	0,73		1210	2,7	1360
9	HDF960	3,64	3,4	3,3	3	2,8	2,5	2,2	1,9	1,4	0,2			1280	3,06	880

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	HDF400	40	47	61	64	66	69	68	55	67
2	HDF400H	44	49	61	65	66	68	67	59	67
3	HDF560	38	54	57	62	60	58	56	42	60
4	HDF560H	40	59	65	67	66	64	60	64	66
5	HDF660	41	51	57	59	59	56	52	42	58
6	HDF660H	46	65	68	70	71	68	64	61	70
7	HDF760	48	55	60	61	61	57	56	43	60
8	HDF760H	50	71	70	73	73	69	66	62	72
9	HDF960	44	65	69	75	82	83	78	70	80

Horizontal Discharge Fan HDF EC



Description

The HDF EC range of roof fans have a square connection with a horizontal discharge pattern.

The combination of a high quality external rotor motor and backward curved impeller ensures high performance and safe operation.

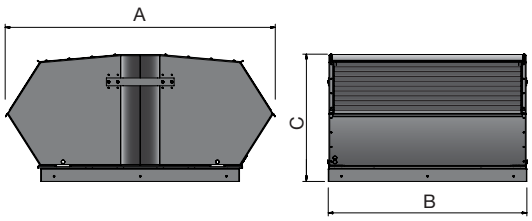
They are manufactured from black polyester coated galvanised sheet metal for superior corrosion resistance. The speed controllable motors have sealed for life ball bearings.

HDF EC roof units have a swing out design for easy cleaning and maintenance and have an IP54 rating.

Ordering example

HDF	560	EC
Product		
Size		
Motor		

Dimensions

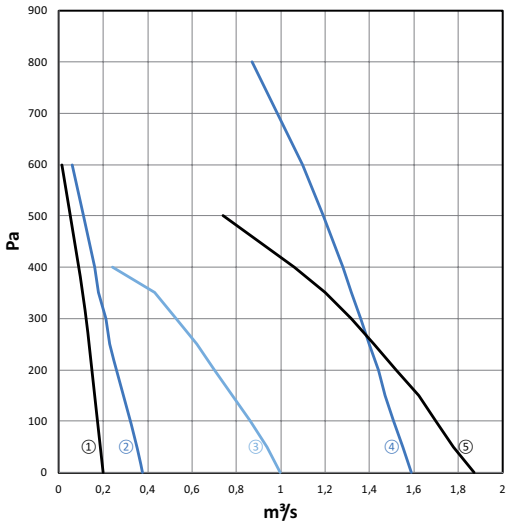


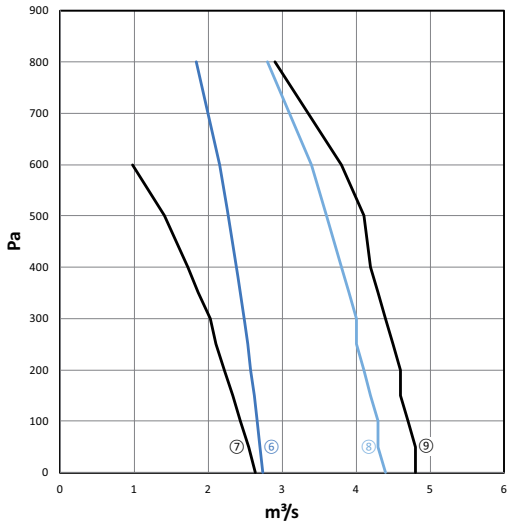
Product	Dim mm	A mm	B mm	C mm	m kg
HDF300 EC	300	305	305	188	4,90
HDF400 EC	400	415	415	216	7,6
HDF560 EC	560	564	564	336	23,5
HDF560H EC *	560	564	564	336	25,8
HDF660 EC	660	663	663	391	35,5
HDF660H EC *	660	663	663	391	37
HDF760 EC *	760	763	763	487	50,9
HDF760H EC *	760	763	763	487	67,2
HDF960 EC *	960	963	963	534	86,9

Fans are 230 volt except where marked with * where they are 400 volt.

Horizontal Discharge Fan HDF EC

Technical data

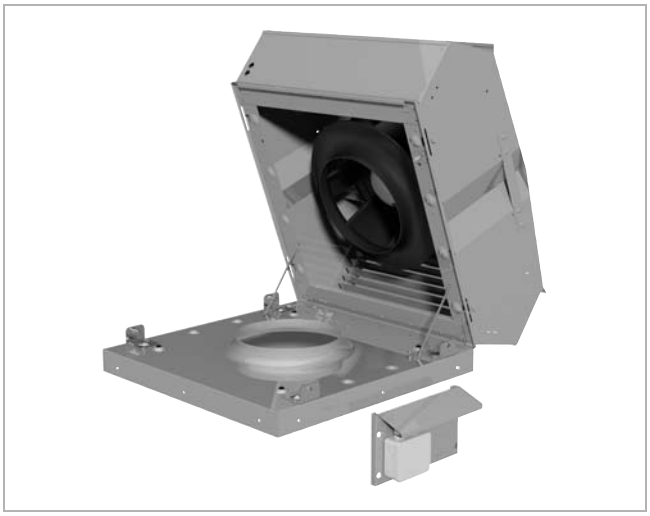




Graph Ref.	Product	m³/s @ Pa												Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	800	W	FLC	RPM
1	HDF300 EC	0,198	0,185	0,172	0,16	0,148	0,135	0,122	0,108	0,09	0,05	0,012		101	0,82	3400
2	HDF400 EC	0,378	0,35	0,32	0,29	0,26	0,23	0,21	0,18	0,16	0,11	0,06		161	1,28	3860
3	HDF560 EC	0,999	0,94	0,86	0,78	0,7	0,62	0,53	0,43	0,24				323	1,41	1650
4	HDF560H EC	1,59	1,55	1,51	1,47	1,44	1,4	1,36	1,32	1,28	1,19	1,1	0,87	1250	1,94	2490
5	HDF660 EC	1,87	1,78	1,7	1,62	1,52	1,42	1,32	1,2	1,06	0,74			747	3,41	1410
6	HDF660H EC	2,74	2,7	2,66	2,62	2,57	2,53	2,48	2,44	2,38	2,27	2,15	1,84	2520	3,88	2450
7	HDF760 EC	2,64	2,55	2,44	2,33	2,22	2,11	2,03	1,86	1,73	1,41	0,98		1240	1,95	1400
8	HDF760H EC	4,4	4,3	4,3	4,2	4,1	4	4	3,9	3,8	3,6	3,4	2,8	3550	5,4	1630
9	HDF960 EC	4,8	4,8	4,7	4,6	4,6	4,5	4,4	4,3	4,2	4,1	3,8	2,9	3730	5,7	1350

Graph Ref.	Product	Sound Power Level (Breakout)								dB(A)
		63	125	250	500	1K	2K	4K	8K	@ 3m
1	HDF300 EC	40	51	62	68	68	68	65	57	67
2	HDF400 EC	50	59	66	71	70	71	66	55	70
3	HDF560 EC	47	62	68	71	70	67	63	53	69
4	HDF560H EC	54	64	80	82	84	84	79	72	83
5	HDF660 EC	44	63	68	70	71	67	62	58	69
6	HDF660H EC	56	68	85	85	86	83	78	74	84
7	HDF760 EC	48	71	70	73	73	69	65	63	72
8	HDF760H EC	68	79	82	83	83	81	78	76	83
9	HDF960 EC	62	76	78	80	86	77	73	66	82

Vertical Discharge Fan VDF



Description

The VDF range of roof fans have a square connection with a vertical discharge pattern.

The combination of a high quality external rotor motor and backward curved impeller ensures high performance and safe operation.

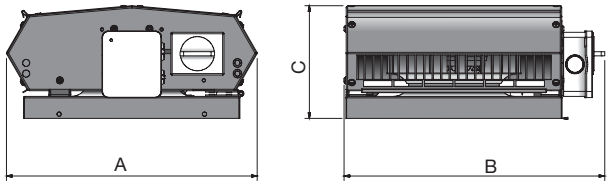
They are manufactured from black polyester coated galvanised sheet metal for superior corrosion resistance. The speed controllable motors have sealed for life ball bearings.

VDF roof units have a swing out design for easy cleaning and maintenance and have an IP44 rating.

Ordering example

VDF	560	H
Product		
Size		
Performance		

Dimensions

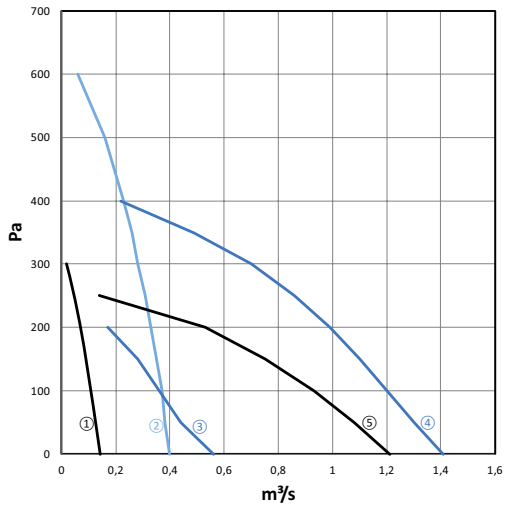


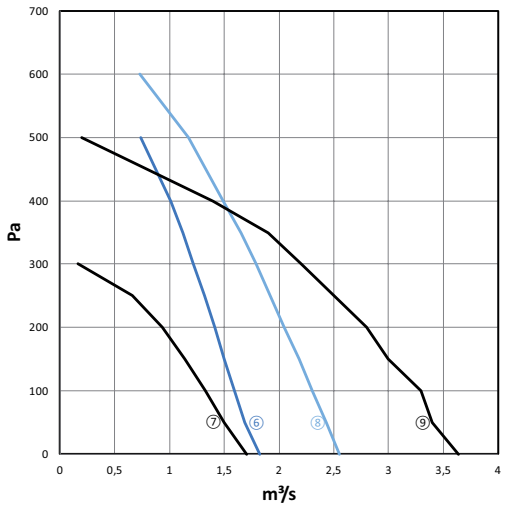
Product	Dim mm	A mm	B mm	C mm	m kg
VDF300	300	305	305	159	5,10
VDF400H	400	415	415	184	9,00
VDF560	560	564	564	336	19,9
VDF560H	560	564	564	336	28,1
VDF660	660	663	663	391	39,7
VDF660H	660	663	663	391	47,5
VDF760	760	763	763	487	59,9
VDF760H	760	763	763	487	68,8
VDF960	960	963	963	534	103

VDF300-560 are 230 volt.
VDF560H-960 are 400 volt.

Vertical Discharge Fan VDF

Technical data

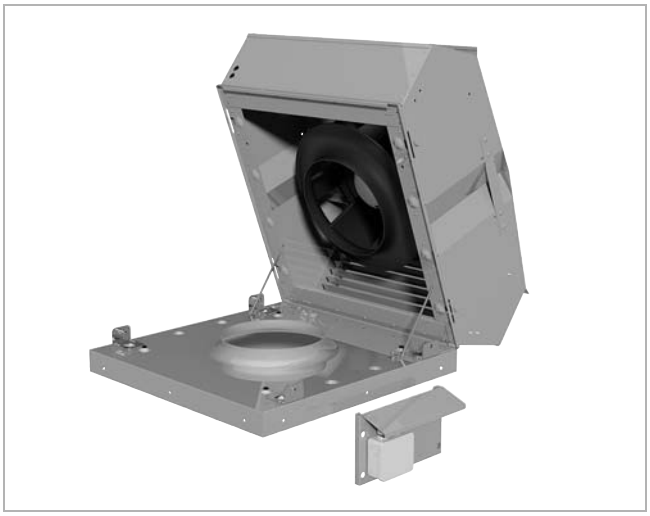




Graph Ref.	Product	m³/s @ Pa												Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	800	W	FLC	RPM
1	VDF400	0,144	0,124	0,108	0,09	0,071	0,046	0,018						60	0,26	2510
2	VDF400H	0,399	0,38	0,37	0,35	0,33	0,31	0,28	0,26	0,23	0,16	0,06		223	0,96	2780
3	VDF560	0,56	0,44	0,36	0,28	0,17								137	0,61	1250
4	VDF560H	1,41	1,3	1,2	1,1	0,99	0,86	0,7	0,49	0,22				435	0,8	1320
5	VDF660	1,21	1,08	0,93	0,75	0,53	0,14							247	0,56	930
6	VDF660H	1,82	1,69	1,59	1,5	1,41	1,32	1,22	1,12	1,01	0,74			836	1,58	1430
7	VDF760	1,7	1,5	1,33	1,14	0,93	0,66	0,16						399	0,82	920
8	VDF760H	2,55	2,43	2,3	2,18	2,05	1,92	1,79	1,65	1,49	1,17	0,73		1210	2,7	1360
9	VDF960	3,64	3,4	3,3	3	2,8	2,5	2,2	1,9	1,4	0,2			1280	3,06	880

Graph Ref.	Product	Sound Power Level (Breakout)								dB(A)
		63	125	250	500	1K	2K	4K	8K	@ 3m
1	VDF400	38	44	61	61	62	61	56	50	61
2	VDF400H	44	49	61	65	66	68	67	59	67
3	VDF560	38	54	57	62	60	58	56	42	60
4	VDF560H	40	59	65	67	66	64	60	64	66
5	VDF660	41	51	57	59	59	56	52	42	58
6	VDF660H	46	65	68	70	71	68	64	61	70
7	VDF760	48	55	60	61	61	57	56	43	60
8	VDF760H	50	71	70	73	73	69	66	62	72
9	VDF960	44	65	69	75	82	83	78	70	80

Vertical Discharge Fan VDF EC



Description

The VDF EC range of roof fans have a square connection with a vertical discharge pattern.

The combination of a high quality external rotor motor and backward curved impeller ensures high performance and safe operation.

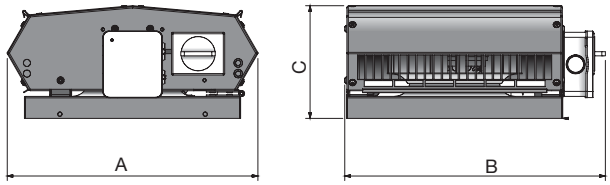
They are manufactured from black polyester coated galvanised sheet metal for superior corrosion resistance. The speed controllable motors have sealed for life ball bearings.

VDF EC roof units have a swing out design for easy cleaning and maintenance and have an IP44 rating.

Ordering example

VDF	560	H	EC
Product			
	Size		
		Performance	
			Motor

Dimensions

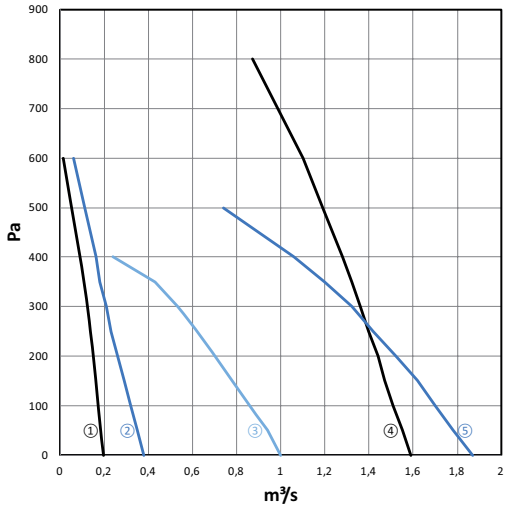


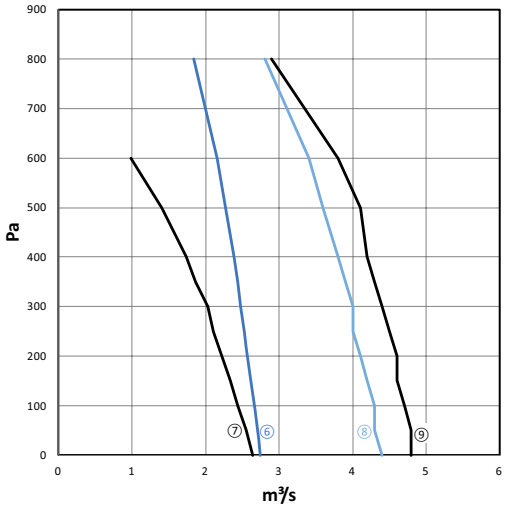
Product	Dim mm	A mm	B mm	C mm	m kg
VDF400 EC	300	305	305	188	4,90
VDF560 EC	400	415	415	216	7,60
VDF560H EC *	560	564	564	336	27,9
VDF660 EC	560	564	564	336	30,2
VDF660H EC *	660	663	663	391	40,9
VDF760 EC *	660	663	663	391	42,4
VDF760H EC *	760	763	763	487	60,0
VDF960 EC *	760	763	763	487	76,3
VDF960 EC *	960	963	963	534	103

Fans are 230 volt except where marked with * where they are 400 volt.

Vertical Discharge Fan VDF EC

Technical data

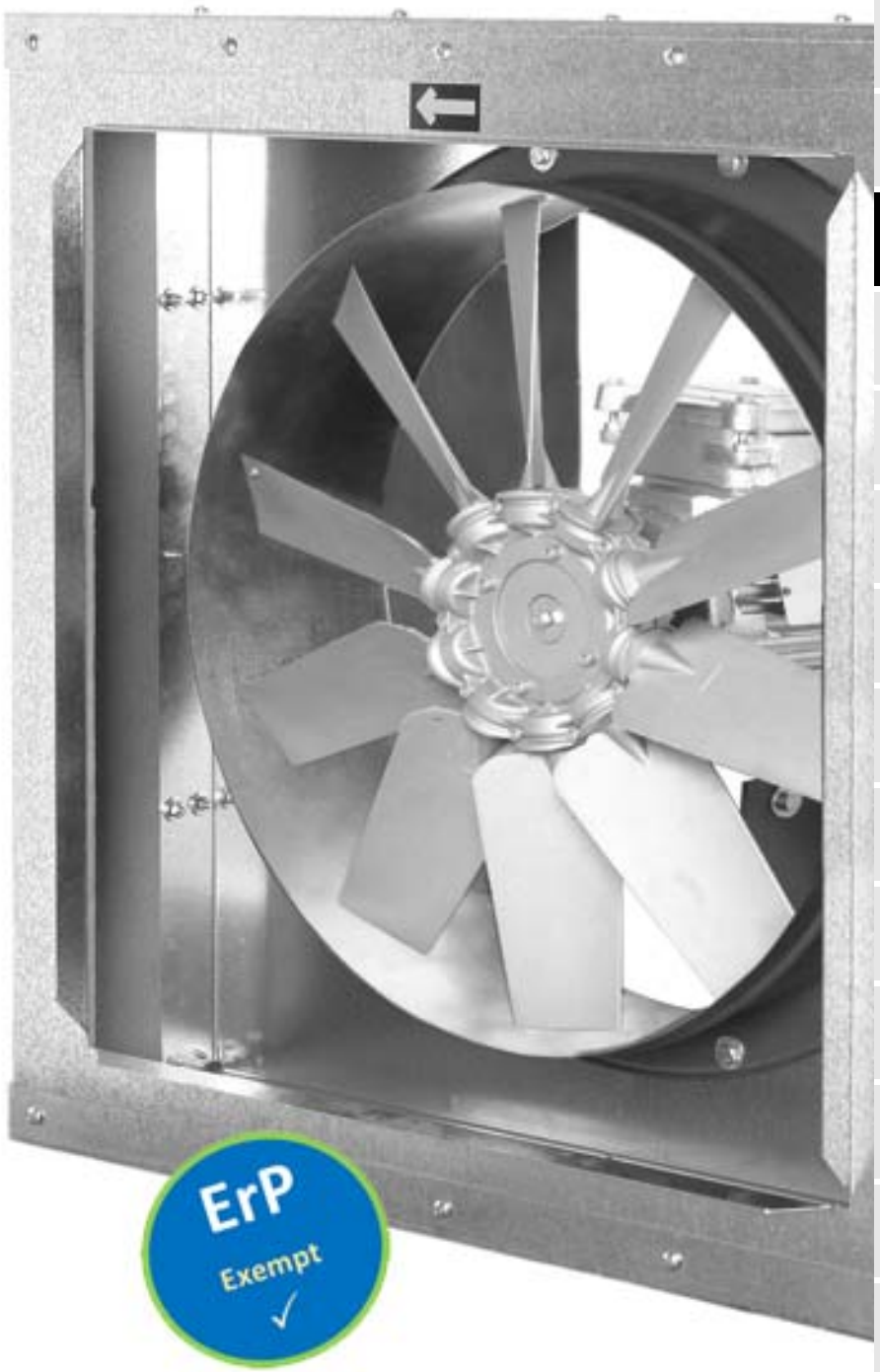




Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	VDF300 EC	0,198	0,185	0,172	0,16	0,148	0,135	0,122	0,108	0,09	0,05	0,012		101	0,82	3400
2	VDF400 EC	0,378	0,35	0,32	0,29	0,26	0,23	0,21	0,18	0,16	0,11	0,06		161	1,28	3860
3	VDF560 EC	0,999	0,94	0,86	0,78	0,7	0,62	0,53	0,43	0,24				323	1,41	1650
4	VDF560H EC	1,59	1,55	1,51	1,47	1,44	1,4	1,36	1,32	1,28	1,19	1,1	0,87	1250	1,94	2490
5	VDF660 EC	1,87	1,78	1,7	1,62	1,52	1,42	1,32	1,2	1,06	0,74			747	3,41	1410
6	VDF660H EC	2,74	2,7	2,66	2,62	2,57	2,53	2,48	2,44	2,38	2,27	2,15	1,84	2520	3,88	2450
7	VDF760 EC	2,64	2,55	2,44	2,33	2,22	2,11	2,03	1,86	1,73	1,41	0,98		1240	1,95	1400
8	VDF760H EC	4,4	4,3	4,3	4,2	4,1	4	4	3,9	3,8	3,6	3,4	2,8	3550	5,4	1630
9	VDF960 EC	4,8	4,8	4,7	4,6	4,6	4,5	4,4	4,3	4,2	4,1	3,8	2,9	3730	5,7	1350

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	HDF300 EC	40	51	62	68	68	68	65	57	67
2	HDF400 EC	50	59	66	71	70	71	66	55	70
3	HDF560 EC	47	62	68	71	70	67	63	53	69
4	HDF560H EC	54	64	80	82	84	84	79	72	83
5	HDF660 EC	44	63	68	70	71	67	62	58	69
6	HDF660H EC	56	68	85	85	86	83	78	74	84
7	HDF760 EC	48	71	70	73	73	69	65	63	72
8	HDF760H EC	68	79	82	83	83	81	78	76	83
9	HDF960 EC	62	76	78	80	86	77	73	66	82

Smoke evacuation fans



Lindab®

Content

Wall Mounted Axial Fans WMA FIRE

Description

Wall Mounted Axial fan with circular reinforced frame.

Modular motor-impeller assembly.

Cast aluminium impeller with variable pitch angle. Epoxy powder finishing coat.

Standard asynchronous squirrel cage motor with IP-55 protection and Class H insulation certified 400ºC/2h. Standard voltages 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS

Designed for wall or duct installation, they are suitable for: Smoke emergency exhaust with motor inside the hazardous area.
Maximum working temperature: 60ºC.

UNDER REQUEST

B Form impeller (air flow from impeller to motor).
100% reversible impeller.
Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005.

Dimensions & Performance

Due to the multiple configurations available, please contact a Lindab Representative who will be glad to prepare a specific offer for your requirements.

Ordering example

	WMA FIRE
Product	

Long Cased Axial Fans LCA FIRE

Description

Long Cased Axial fan with circular reinforced frame.

Modular motor-impeller assembly.Cast aluminium impeller with variable pitch angle. Epoxy powder finishing coat.

Standard asynchronous squirrel cage motor with IP-55 protection and Class H insulation certified 400ºC/2h. Standard voltages 230/400V 50Hz in three phase motors up to 4 kW and 400/690V 50 Hz for higher powers.

APPLICATIONS
Designed for wall or duct installation, they are suitable for:
Smoke emergency exhaust with motor inside the hazardous area.
Maximum working temperature: 60ºC.

UNDER REQUEST
B Form impeller (air flow from impeller to motor).
100% reversible impeller.
Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005.

Ordering example

	LCA FIRE
Product	

Dimensions & Performance

Due to the multiple configurations available, please contact a Lindab Representative who will be glad to prepare a specific offer for your requirements.

Short Cased Axial Fans SCA FIRE

Description

Short Cased Axial fan with circular reinforced frame.

Modular motor-impeller assembly.Cast aluminium impeller with variable pitch angle. Epoxy powder finishing coat.

Standard asynchronous squirrel cage motor with IP-55 protection and Class H insulation certified 400ºC/2h. Standard voltages 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for wall or duct installation, they are suitable for:
Smoke emergency exhaust with motor inside the hazardous area.
Maximum working temperature: 60ºC.

UNDER REQUEST
B Form impeller (air flow from impeller to motor).
100% reversible impeller.
Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005

Ordering example

	SCA FIRE
Product	

Dimensions & Performance

Due to the multiple configurations available, please contact a Lindab Representative who will be glad to prepare a specific offer for your requirements.

Boxed Axial Fans

BOX CA FIRE

Description

Insulated Boxed Cased Axial fan with circular reinforced frame. Modular motor-impeller assembly.Cast aluminium impeller with variable pitch angle. Epoxy powder finishing coat.

Standard asynchronous squirrel cage motor with IP-55 protection and Class H insulation certified 400ºC/2h. Standard voltages 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS

Designed for wall or duct installation, they are suitable for: Smoke emergency exhaust with motor inside the hazardous area.
Maximum working temperature: 60ºC.

UNDER REQUEST

B Form impeller (air flow from impeller to motor).
100% reversible impeller.
Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005.

Ordering example

BOX CA FIRE

Product

Dimensions & Performance

Due to the multiple configurations available, please contact a Lindab Representative who will be glad to prepare a specific offer for your requirements.

Boxed Centrifugal Fan BCF FIRE

Description

Backward curved centrifugal impeller in soundproof cabinet 400ºC/2H within the hazardous area.

Box manufactured in galvanised steel sheet. Soundproof cabinets with grey M1 fire resistance insulated panels. Circular inlet flange.

Backward curved impeller, direct drive motor. Standard asynchronous squirrel-cage motor with IP-55 protection and Class H insulation type F400 2h.

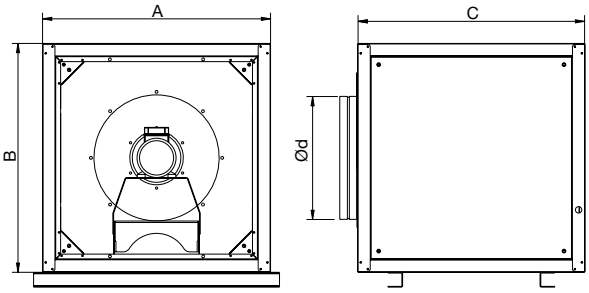
Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 3kW, and 400/690V 50Hz for higher powers.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005

Ordering example

BCF FIRE	560	T	6	0,75 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Dimensions

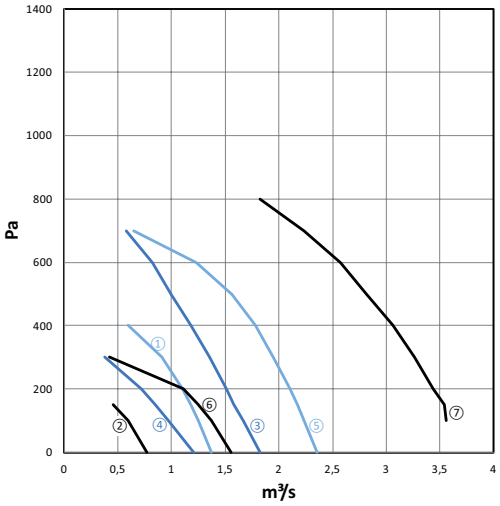


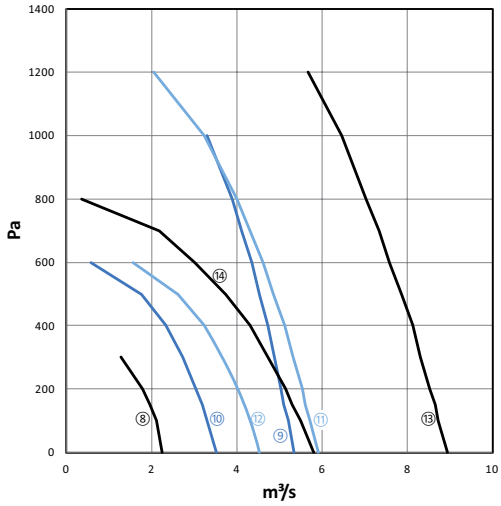
Product	Ød mm	A mm	B mm	C mm	m kg
BCF FIRE 400 T6 0,55KW	400	800	800	800	115
BCF FIRE 400 T4 0,75KW	400	800	800	800	115
BCF FIRE 450 T6 0,55KW	450	800	800	800	141
BCF FIRE 450 T4 1,1KW	450	800	800	800	142
BCF FIRE 500 T6 0,55KW	500	925	925	925	146
BCF FIRE 500 T4 1,5KW	500	925	925	925	147
BCF FIRE 560 T6 0,75KW	560	925	925	925	176
BCF FIRE 560 T4 2,2KW	560	925	925	925	187
BCF FIRE 630 T4 5,5KW	630	1000	1000	1000	198
BCF FIRE 630 T6 1,5KW	630	1000	1000	1000	218
BCF FIRE 710 T4 7,5KW	710	1000	1000	1000	263
BCF FIRE 710 T6 2,2KW	710	1000	1000	1000	273
BCF FIRE 800 T6 4KW	800	1060	1060	1060	339
BCF FIRE 800 T4 15KW	800	1060	1060	1060	339

T= 400 volt
M = 230 volt

Boxed Centrifugal Fan BCF FIRE

Technical data





Graph Ref.	Product	m³/s @ Pa 0	100	150	200	300	400	500	600	700	800	1000	1200	Motor W	Amps FLC	Speed RPM
1	BCF FIRE 400 T4 0,75KW	1,37	1,25	1,18	1,1	0,91	0,6							750	2,84	1430
2	BCF FIRE 400 T6 0,55KW	0,77	0,6	0,46										550	2,93	940
3	BCF FIRE 450 T4 1,1KW	1,82	1,67	1,58	1,51	1,35	1,18	1	0,82	0,58				1100	4,67	1430
4	BCF FIRE 450 T6 0,55KW	1,21	0,97	0,85	0,72	0,38								550	2,93	950
5	BCF FIRE 500 T4 1,5KW	2,36	2,23	2,17	2,1	1,95	1,78	1,56	1,23	0,65				1500	6,07	1440
6	BCF FIRE 500 T6 0,55KW	1,55	1,37	1,25	1,11	0,42								550	2,93	950
7	BCF FIRE 560 T4 2,2KW		3,56	3,54	3,44	3,26	3,04	2,82	2,57	2,23	1,82			2200	7,87	1455
8	BCF FIRE 560 T6 0,75KW	2,25	2,12	1,96	1,79	1,29								750	3,77	920
9	BCF FIRE 630 T4 5,5KW	5,33	5,2	5,1	5,04	4,87	4,72	4,52	4,35	4,11	3,89	3,3		5500	10,58	1455
10	BCF FIRE 630 T6 1,5KW	3,52	3,29	3,18	3,04	2,73	2,34	1,77	0,58					1500	6,24	930
11	BCF FIRE 710 T4 7,5KW	5,92	5,72	5,6	5,53	5,32	5,12	4,86	4,61	4,32	4,01	3,23	2,06	7500	14,46	1450
12	BCF FIRE 710 T6 2,2KW	4,52	4,32	4,17	4,03	3,65	3,23	2,63	1,56					2200	9,05	960
13	BCF FIRE 800 T4 15KW	8,93	8,71	8,65	8,53	8,31	8,13	7,86	7,58	7,33	7,04	6,46	5,68	15000	27,9	1455
14	BCF FIRE 80 T6 4KW	5,81	5,49	5,3	5,14	4,72	4,3	3,74	3,008	2,18	0,37			4000	8,97	945

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	BCF FIRE 400 T4 0,75KW	47	61	67	70	70	71	61	50	56
2	BCF FIRE 400 T6 0,55KW	37	51	57	60	60	61	51	40	46
3	BCF FIRE 450 T4 1,1KW	57	67	72	74	76	76	67	59	60
4	BCF FIRE 450 T6 0,55KW	47	57	62	64	66	66	57	49	50
5	BCF FIRE 500 T4 1,5KW	66	72	77	78	81	80	73	68	65
6	BCF FIRE 500 T6 0,55KW	56	62	67	68	71	70	63	58	55
7	BCF FIRE 560 T4 2,2KW	67	73	79	79	83	83	75	68	67
8	BCF FIRE 560 T6 0,75KW	57	63	69	69	73	73	65	58	57
9	BCF FIRE 630 T4 5,5KW	74	79	85	87	85	82	75	67	71
10	BCF FIRE 630 T6 1,5KW	63	65	66	75	78	66	59	58	60
11	BCF FIRE 710 T4 7,5KW	80	81	89	92	95	96	92	78	80
12	BCF FIRE 710 T6 2,2KW	65	67	68	73	76	62	58	51	58
13	BCF FIRE 800 T4 15KW	88	94	99	100	104	103	96	89	88
14	BCF FIRE 80 T6 4KW	64	68	69	74	69	64	60	54	60

Jet Fan

JF FIRE

Description

Axial fan with galvanized steel casing with connection box accessible by the side from a removable door.

Standard asynchronous squirrel-cage motor with IP-55 protection and Class H insulation, Certified 400°c/2h. Standard voltages 230/400V 50Hz for 1 speed motors and 400V 50Hz for 2 speed motors. Casing in galvanized steel. Inner duct made of perforated galvanized steel sheet. The silencers are filled with mineral wool with high acoustic absorption properties, preventing most of the fan noise to be propagated. Unidirectional JF UN is equipped with a protection guard at the inlet side and a deflector at the outlet Reversible JF RE is equipped with deflectors on both sides. The deflector directs the air away from the ceiling and obstacles like beams or ducting, sweeping the whole volume of air to the closest extraction point.

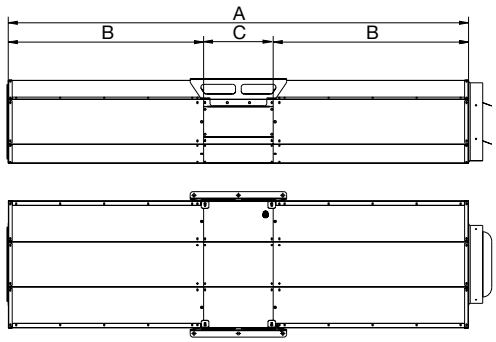
Conceived for car parkings and large spaces where polluted air, or smoke from an accidental fire, needs to be removed effectively. An optimized design minimizes the height needed for their installation.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005

Ordering example

JF FIRE	300	T	2	UN
Product				
Size				
Voltage				
Polarity				
Handing				

Dimensions



Product	Ød mm	A mm	B mm	C mm	m kg
JF FIRE 300 T2 UN	300	2415	580	340	60
JF FIRE 300 T2 RE	300	2415	590	340	60
JF FIRE 400 T2 UN	400	2415	758	440	70
JF FIRE 400 T2 RE	400	2415	758	440	70

All fans are 400 volt.

Jet Fan

JF FIRE

Technical data

Graph Ref.	Product	Airflow m³/s	Thrust N	Motor W	Amps FLC	Speed RPM
1	JF FIRE 300 T2 UN	1,08	19	550	2,35	2870
2	JF FIRE 300 T2 RE	1,03	17	550	2,35	2870
3	JF FIRE 400 T2 UN	2	39	1100	4,13	2865
4	JF FIRE 400 T2 RE	1,9	35	1100	4,13	2865

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	JF FIRE 300 T2 UN	77	78	76	76	75	75	75	71	64
2	JF FIRE 300 T2 RE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	JF FIRE 400 T2 UN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	JF FIRE 400 T2 RE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Circular Jet Fan JFC FIRE

Description

Axial fan with reinforced tubular casing, made of steel sheet with connection box accessible by the side from a removable door.

Standard asynchronous squirrel-cage motor with IP-55 protection and Class H insulation, Certified 400ºC/2h. Standard voltages 230/400V 50Hz (or 265/460V 60Hz) for 1 speed motors and 400V 50Hz (or 460V 60Hz) for 2 speed motors.

Casing in galvanized steel. Inner duct made of perforated galvanized steel sheet.

The silencers are filled with mineral wool with high acoustic absorption properties, preventing most of the fan noise to be propagated.

Unidirectional JFC UN is equipped with a protection guard at the inlet side and a deflector at the outlet.

Reversible JFC RE is equipped with deflectors on both sides. The deflector directs the air away from the ceiling and obstacles like beams or ducting, sweeping the whole volume of air to the closest extraction point.

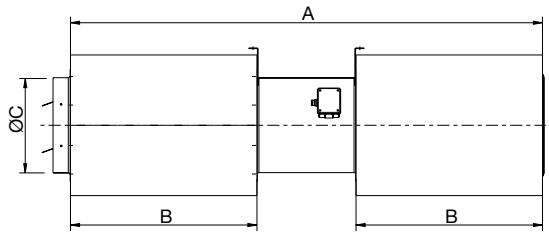
Conceived for car parkings and large spaces where polluted air, or smoke from an accidental fire, needs to be removed effectively.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005

Ordering example

JFC FIRE	315	T	2	H	UN
Product					
	Size				
		Voltage			
			Polarity		
				Performance	
					Handing

Dimensions



Product	Ød mm	A mm	B mm	C mm	m kg
JFC FIRE 315 T2 UN	315	1640	630	455	91
JFC 315 T2 RE	315	1640	630	455	95
JFC 315/H T2 RE	315	1640	630	455	97
JFC 355 T2 UN	355	1800	710	495	99
JFC 355/H T2 UN	355	1800	710	495	101
JFC 355 T2 RE	355	1800	710	495	101
JFC 355/H T2 RE	355	1800	710	495	103
JFC 315/H T2 UN	400	1640	630	455	93
JFC 400 T2 UN	400	2025	800	540	121
JFC 400 T2 RE	400	2025	800	540	125
JFC 400/H T2 UN	400	2025	800	540	128
JFC 400/H T2 RE	400	2025	800	540	128

T= 400 volt
M = 230 volt

Circular Jet Fan JFC FIRE

Technical data

Graph Ref.	Product	Airflow m³/s	Thrust N	Motor W	Amps FLC	Speed RPM
1	JFC FIRE 315 T2 UN	1,08	19	550	1,41	2810
2	JFC FIRE 315/H T2 UN	1,37	30	1100	4,13	2845
3	JFC FIRE 315 T2 RE	1,03	17	550	1,41	2810
4	JFC FIRE 315/H T2 RE	1,3	27	1100	4,13	2845
5	JFC FIRE 355 T2 UN	1,33	22	550	1,41	2810
6	JFC FIRE 355/H T2 UN	1,75	38	1100	4,13	2845
7	JFC FIRE 355 T2 RE	1,26	20	550	1,41	2810
8	JFC FIRE 355/H T2 RE	1,66	35	1100	4,13	2845
9	JFC FIRE 400 T2 UN	2	39	1100	4,13	2845
10	JFC FIRE 400/H T2 UN	2,63	67	1500	5,83	2825
11	JFC FIRE 400 T2 RE	1,9	35	1100	4,13	2845
12	JFC FIRE 400/H T2 RE	2,5	61	1500	5,83	2825

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
1	JFC FIRE 315 T2 UN	77	77	75	75	74	74	75	71	63
2	JFC FIRE 315/H T2 UN	79	78	77	76	76	75	75	71	65
3	JFC FIRE 315 T2 RE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	JFC FIRE 315/H T2 RE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	JFC FIRE 355 T2 UN	80	81	79	79	78	77	79	76	67
6	JFC FIRE 355/H T2 UN	79	79	78	77	76	75	76	73	66
7	JFC FIRE 355 T2 RE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	JFC FIRE 355/H T2 RE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	JFC FIRE 400 T2 UN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	JFC FIRE 400/H T2 UN	85	82	82	80	80	80	80	76	70
11	JFC FIRE 400 T2 RE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	JFC FIRE 400/H T2 RE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Centrifugal Jet Fan CJF FIRE

Description

Centrifugal powerful jet fan with low profile conceived for car parkings, working inside the hazardous area and remove wide air volume.
300°C/2h.

Made from galvanised steel casing with high performance backward curved impellor c/w inlet protection Class H insulation, with two speeds designed for continuous ventilation needs with a high performace emergency fucntion IP-55 protection.

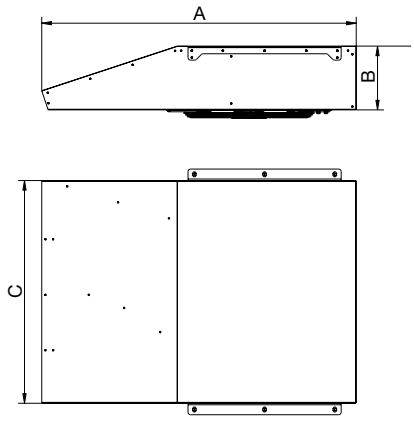
Maximum working temperature:
Speed 1 -> -20°C +40°C.
Speed 2 -> 300°C / 2h.

Ordering example

CJF FIRE 50

Product
Size

Dimensions



Product	A mm	B mm	C mm	m kg
CJF FIRE 50	1230	250	870	83
CJF FIRE 75	1600	300	1000	130
CJF FIRE 100	1600	300	1000	130

All fans are 400 volt.

Centrifugal Jet Fan CJF FIRE

Technical data

Graph Ref.	Product	Airflow m³/s	Thrust N	Motor W	Amps FLC	Speed RPM
Speed 1						
1	CJF FIRE 50	1,61	50	1100	3	1420
2	CJF FIRE 75	2,3	75	2200	5,3	1420
3	CJF FIRE 100	2,55	100	2200	5,3	1420
Speed 2						
1	CJF FIRE 50	0,8	13	180	0,18	710
2	CJF FIRE 75	1,15	19	370	0,37	715
3	CJF FIRE 100	1,27	25	370	0,37	715

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	dB(A) @ 3m
Speed 1										
1	CJF FIRE 50	61	79	84	87	87	85	80	73	72
2	CJF FIRE 75	63	83	85	87	89	85	80	73	73
3	CJF FIRE 100	65	83	87	90	91	87	81	74	75
Speed 2										
	CJF FIRE 50	46	64	69	72	72	70	65	58	57
	CJF FIRE 75	48	68	70	72	74	70	65	58	58
	CJF FIRE 100	50	68	72	75	76	72	66	59	60

Roof Fan

RF FIRE

Description

Centrifugal roof fan with cowl made of UV resistant polystyrene.
Structure, roof base support and bird protection guard made of galvanised steel.
High efficiency backward curved impellers of galvanised steel.
Vertical discharge option available
Standard asynchronous motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 230V 50Hz in single phase motors, 230/400V 50Hz in three phase motors and 400V 50Hz in 2 speed motors.

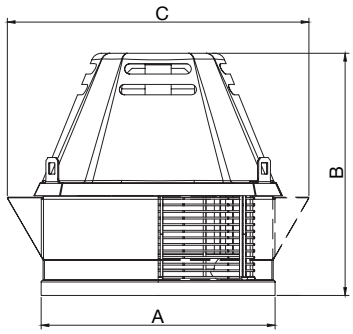
Specially designed for roof installation, they are suitable for:
Smoke extraction.
Smoke emergency exhaust with motor outside the hazardous area (400ºC/2h certificate).
Industrial and professional kitchen hoods.
Maximum continuous operation temperature: 80ºC.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005

Ordering example

RF FIRE	355	M	4	0,37 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Dimensions

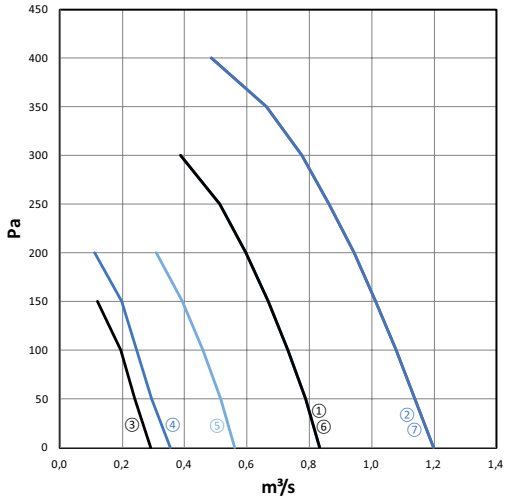


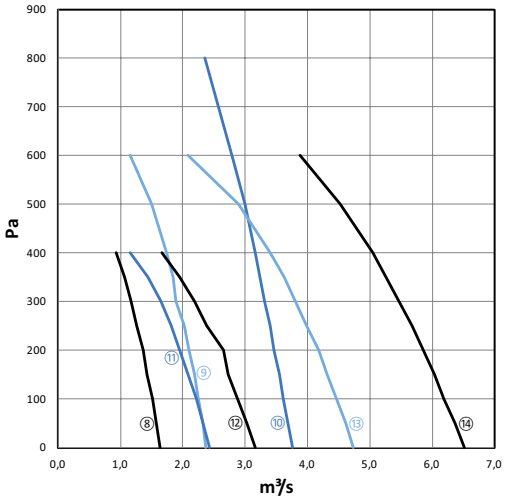
Product	A mm	B mm	C mm	m kg
RF FIRE 250 T4 0,37KW	450	407	576	17
RF FIRE 280 T4 0,37KW	450	426	576	20
RF FIRE 315 T4 0,37KW	450	465	576	24
RF FIRE 355 M4 0,37KW	600	561	850	38
RF FIRE 355 T4 0,37KW	600	561	850	39
RF FIRE 400 T4 0,37KW	600	617	850	40
RF FIRE 400 M4 0,37KW	600	617	850	40
RF FIRE 450 T4 0,75KW	600	642	850	45
RF FIRE 500 T4 1,1KW	800	809	1190	75
RF FIRE 585 T6 0,75KW	800	825	1190	81
RF FIRE 585 T4 3KW	800	825	1190	89
RF FIRE 630 T6 1,5KW	800	863	1190	87
RF FIRE 710 T6 2,2KW	950	1000	1430	101
RF FIRE 800 T6 4KW	950	1044	1430	118

T= 400 volt
M = 230 volt

Roof Fan RF FIRE

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	RF FIRE 355 M4 0,37KW	0,833	0,788	0,731	0,670	0,597	0,511	0,386						750	2,84	1430
2	RF FIRE 400 M4 0,37KW	1,199	1,139	1,080	1,011	0,943	0,864	0,775	0,663	0,487				550	2,93	940
3	RF FIRE 250 T4 0,37KW	0,290	0,241	0,196	0,122									1100	4,67	1430
4	RF FIRE 280 T4 0,37KW	0,353	0,294	0,247	0,197	0,110								550	2,93	950
5	RF FIRE 315 T4 0,37KW	0,561	0,514	0,458	0,394	0,308								1500	6,07	1440
6	RF FIRE 355 T4 0,37KW	0,833	0,788	0,731	0,670	0,597	0,511	0,386						550	2,93	950
7	RF FIRE 400 T4 0,37KW	1,199	1,139	1,080	1,011	0,943	0,864	0,775	0,663	0,487				2200	7,87	1455
8	RF FIRE 450 T4 0,75KW	1,642	1,578	1,508	1,432	1,359	1,266	1,177	1,067	0,936				750	3,77	920
9	RF FIRE 500 T4 1,1KW	2,373	2,319	2,246	2,182	2,096	2,018	1,895	1,841	1,735	1,493	1,154		5500	10,58	1455
10	RF FIRE 585 T4 3KW	3,759	3,686	3,611	3,557	3,469	3,396	3,316	3,233	3,163	2,994	2,793	2,352	1500	6,24	930
11	RF FIRE 585 T6 0,75KW	2,422	2,323	2,214	2,091	1,950	1,818	1,657	1,444	1,154				7500	14,46	1450
12	RF FIRE 630 T6 1,5KW	3,158	3,029	2,883	2,724	2,654	2,388	2,182	1,942	1,664				2200	9,05	960
13	RF FIRE 710 T6 2,2KW	4,742	4,610	4,464	4,319	4,173	3,983	3,810	3,628	3,401	2,896	2,076		15000	27,9	1455
14	RF FIRE 800 T6 4KW	6,524	6,369	6,192	6,042	5,864	5,674	5,469	5,264	5,046	4,523	3,875		4000	8,97	945

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	RF FIRE 355 M4 0,37KW	48	60	59	59	54	61	51	58	65	62
2	RF FIRE 400 M4 0,37KW	51	63	62	62	57	64	53	61	68	62
3	RF FIRE 250 T4 0,37KW	40	51	51	50	46	53	42	50	57	62
4	RF FIRE 280 T4 0,37KW	42	53	53	52	48	55	44	52	59	40
5	RF FIRE 315 T4 0,37KW	45	56	56	55	51	58	47	55	62	43
6	RF FIRE 355 T4 0,37KW	48	60	59	59	55	61	51	58	65	46
7	RF FIRE 400 T4 0,37KW	51	63	62	62	58	65	54	61	68	49
8	RF FIRE 450 T4 0,75KW	56	67	67	66	62	69	58	65	72	54
9	RF FIRE 500 T4 1,1KW	59	70	70	69	65	72	61	69	76	57
10	RF FIRE 585 T4 3KW	62	73	73	72	68	75	64	72	79	60
11	RF FIRE 585 T6 0,75KW	53	64	64	63	59	66	55	63	70	51
12	RF FIRE 630 T6 1,5KW	57	69	68	68	63	70	59	67	74	55
13	RF FIRE 710 T6 2,2KW	61	72	72	71	67	74	63	70	77	59
14	RF FIRE 800 T6 4KW	64	76	75	75	71	68	67	74	81	63

Box Fan

BDL FIRE

Description

Belt driven box fan with forward curved impeller.
Fans in thermal and soundproofing cabinets.
Double inlet forward curved impeller.
Transmission set outside the airstream including the belt protection guard.
Standard squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

Designed for inline installation, indoor or outdoor assembly, they are suitable for:
Smoke emergency exhaust with motor outside the hazardous area.
Industrial and professional kitchen hoods.
Maximum working temperature: carried air: 100ºC, ambient: 60º C.
Vertical discharge option available upon request

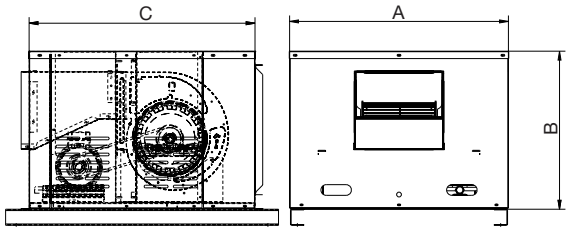
Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005

Ordering example

BDL FIRE **9/9** **0,75 kW**

Product
Size
Motor

Dimensions



Product	A mm	B mm	C mm	m kg
BDL FIRE 9/9 0,37kW	780	562	793	40
BDL FIRE 9/9 0,55kW	780	562	793	42
BDL FIRE 9/9 0,75kW	780	562	793	43
BDL FIRE 9/9 1,1kW	780	562	793	46
BDL FIRE 10/10 0,37kW	825	592	852	47
BDL FIRE 10/10 0,55kW	825	592	852	49
BDL FIRE 10/10 0,75kW	825	592	852	50
BDL FIRE 10/10 1,1kW	825	592	852	54
BDL FIRE 10/10 1,5kW	825	592	852	59
BDL FIRE 12/12 0,37kW	950	677	970	69
BDL FIRE 12/12 0,55kW	950	677	970	71
BDL FIRE 12/12 0,75kW	950	677	970	72
BDL FIRE 12/12 1,1kW	950	677	970	75
BDL FIRE 12/12 1,5kW	950	677	970	79
BDL FIRE 12/12 2,2kW	950	677	970	87
BDL FIRE 15/15 0,75kW	1100	802	1103	91
BDL FIRE 15/15 0,55kW	1100	802	1103	91
BDL FIRE 15/15 1,1kW	1100	802	1103	94
BDL FIRE 15/15 1,5kW	1100	802	1103	95
BDL FIRE 15/15 2,2kW	1100	802	1103	103
BDL FIRE 15/15 3kW	1100	802	1103	105
BDL FIRE 15/15 4kW	1100	802	1103	110
BDL FIRE 18/18 1,1kW	1271	924	1279	127
BDL FIRE 18/18 1,5kW	1271	924	1279	131
BDL FIRE 18/18 2,2kW	1271	924	1279	139
BDL FIRE 18/18 3kW	1271	924	1279	141
BDL FIRE 18/18 4kW	1271	924	1279	146
BDL FIRE 18/18 5,5kW	1271	924	1279	160
BDL FIRE 20/20 1,5kW	1551	1118	1406	248
BDL FIRE 20/20 2,2KW	1551	1118	1406	255
BDL FIRE 20/20 3KW	1551	1118	1406	256
BDL FIRE 20/20 4KW	1551	1118	1406	261
BDL FIRE 20/20 5,5KW	1551	1118	1406	275
BDL FIRE 20/20 7,5KW	1551	1118	1406	280

Box Fan

BDL FIRE

Product	A mm	B mm	C mm	m kg
BDL FIRE 22/22 2,2KW	1801	1202	1499	285
BDL FIRE 22/22 3KW	1801	1202	1499	287
BDL FIRE 22/22 4KW	1801	1202	1499	291
BDL FIRE 22/22 5,5KW	1801	1202	1499	297
BDL FIRE 22/22 7,5KW	1801	1202	1499	304
BDL FIRE 22/22 11KW	1801	1202	1499	316
BDL FIRE 25/25 2,2KW	1901	1327	1709	329
BDL FIRE 25/25 3KW	1901	1327	1709	331
BDL FIRE 25/25 4KW	1901	1327	1709	336
BDL FIRE 25/25 5,5KW	1901	1327	1709	353
BDL FIRE 25/25 7,5KW	1901	1327	1709	357
BDL FIRE 25/25 11KW	1901	1327	1709	380
BDL FIRE 30/28 2,2KW	2108	1557	1906	410
BDL FIRE 30/28 3KW	2108	1557	1906	418
BDL FIRE 30/28 4KW	2108	1557	1906	426
BDL FIRE 30/28 5,5KW	2108	1557	1906	438
BDL FIRE 30/28 7,5KW	2108	1557	1906	444
BDL FIRE 30/28 11KW	2108	1557	1906	458
BDL FIRE 30/28 15KW	2108	1557	1906	462

All fans are 400 volt.

Box Fan

BDL FIRE

Technical data

Graph Ref.	Product	Motor W	Amps FLC	Speed RPM
1	BDL FIRE 9/9 0,37kW	0,370	1,070	1150,0
2	BDL FIRE 9/9 0,55kW	0,550	1,490	1350,0
3	BDL FIRE 9/9 0,75kW	0,750	2,000	1400,0
4	BDL FIRE 9/9 1,1kW	1,100	2,750	1600,0
5	BDL FIRE 10/10 0,37kW	0,370	1,070	900,0
6	BDL FIRE 10/10 0,55kW	0,550	1,490	1100,0
7	BDL FIRE 10/10 0,75kW	0,750	2,000	1200,0
8	BDL FIRE 10/10 1,1kW	1,100	2,750	1300,0
9	BDL FIRE 10/10 1,5kW	1,500	3,650	1500,0
10	BDL FIRE 12/12 0,37kW	0,370	1,070	750,0
11	BDL FIRE 12/12 0,55kW	0,550	1,490	850,0
12	BDL FIRE 12/12 0,75kW	0,750	2,000	900,0
13	BDL FIRE 12/12 1,1kW	1,100	2,750	1000,0
14	BDL FIRE 12/12 1,5kW	1,500	3,650	1050,0
15	BDL FIRE 12/12 2,2kW	2,200	5,000	1300,0
16	BDL FIRE 15/15 0,75kW	0,750	2,000	700,0
17	BDL FIRE 15/15 1,1kW	1,100	2,750	800,0
18	BDL FIRE 15/15 1,5kW	1,500	3,650	850,0
19	BDL FIRE 15/15 2,2kW	2,200	5,000	950,0
20	BDL FIRE 15/15 3kW	3,000	6,800	1000,0
21	BDL FIRE 15/15 4kW	4,000	8,800	1000,0
22	BDL FIRE 18/18 1,1kW	1,100	2,750	600,0
23	BDL FIRE 18/18 1,5kW	1,500	3,650	650,0
24	BDL FIRE 18/18 2,2kW	2,200	5,000	700,0
25	BDL FIRE 18/18 3kW	3,000	6,800	800,0
26	BDL FIRE 18/18 4kW	4,000	8,800	850,0
27	BDL FIRE 18/18 5,5kW	5,500	6,900	900,0
28	BDL FIRE 20/20 2,2KW	2,200	5,000	550,0
29	BDL FIRE 20/20 3KW	3,000	6,800	700,0
30	BDL FIRE 20/20 4KW	4,000	8,800	750,0
31	BDL FIRE 20/20 5,5KW	5,500	6,900	850,0
32	BDL FIRE 20/20 7,5KW	7,500	8,600	900,0
33	BDL FIRE 22/22 2,2KW	2,200	5,000	500,0
34	BDL FIRE 22/22 3KW	3,000	6,800	550,0
35	BDL FIRE 22/22 4KW	4,000	8,800	600,0
36	BDL FIRE 22/22 5,5KW	5,500	6,900	650,0
37	BDL FIRE 22/22 7,5KW	7,500	8,600	700,0
38	BDL FIRE 22/22 11KW	11,000	12,020	800,0
39	BDL FIRE 25/25 2,2KW	2,200	5,000	450,0
40	BDL FIRE 25/25 3KW	3,000	6,800	450,0
41	BDL FIRE 25/25 4KW	4,000	8,800	500,0
42	BDL FIRE 25/25 5,5KW	5,500	6,900	550,0
43	BDL FIRE 25/25 7,5KW	7,500	8,600	600,0
44	BDL FIRE 25/25 11KW	11,000	12,020	700,0
45	BDL FIRE 30/28 2,2KW	2,200	5,000	300,0
46	BDL FIRE 30/28 3KW	3,000	6,800	350,0
47	BDL FIRE 30/28 4KW	4,000	8,800	350,0
48	BDL FIRE 30/28 5,5KW	5,500	6,900	400,0
49	BDL FIRE 30/28 7,5KW	7,500	8,600	450,0
50	BDL FIRE 30/28 11KW	11,000	12,020	500,0
51	BDL FIRE 30/28 15KW	15,000	16,040	550,000
52	BDL FIRE 20/20 1,5kW	1,500	3,650	500,000
53	BDL FIRE 15/15 0,55kW	0,550	1,490	650,000

Box Fan

BDL FIRE

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	BDL FIRE 9/9 0,37kW	43	45	49	48	56	56	46	41	60	46
2	BDL FIRE 9/9 0,55kW	47	49	53	51	60	59	49	45	64	50
3	BDL FIRE 9/9 0,75kW	47	49	53	51	60	59	49	45	64	50
4	BDL FIRE 9/9 1,1kW	48	50	54	53	61	61	51	46	61	45
5	BDL FIRE 10/10 0,37kW	41	43	47	46	54	53	43	39	58	43
6	BDL FIRE 10/10 0,55kW	45	47	51	50	58	57	48	43	62	48
7	BDL FIRE 10/10 0,75kW	47	49	53	52	60	59	50	45	64	50
8	BDL FIRE 10/10 1,1kW	49	51	55	54	62	61	51	47	66	51
9	BDL FIRE 10/10 1,5kW	53	55	59	58	66	65	56	51	69	49
10	BDL FIRE 12/12 0,37kW	44	46	49	50	55	55	45	39	60	46
11	BDL FIRE 12/12 0,55kW	47	49	52	52	58	58	48	42	63	49
12	BDL FIRE 12/12 0,75kW	48	50	53	54	59	59	49	43	64	50
13	BDL FIRE 12/12 1,1kW	50	52	55	56	62	62	51	45	66	52
14	BDL FIRE 12/12 1,5kW	51	53	56	57	63	63	52	46	67	53
15	BDL FIRE 12/12 2,2kW	54	56	59	60	66	66	55	49	70	50
16	BDL FIRE 15/15 0,75kW	50	50	53	52	58	58	48	41	63	48
17	BDL FIRE 15/15 1,1kW	53	52	56	55	61	61	51	44	66	52
18	BDL FIRE 15/15 1,5kW	54	54	57	56	62	62	52	45	67	52
19	BDL FIRE 15/15 2,2kW	56	56	59	59	65	64	54	47	69	55
20	BDL FIRE 15/15 3kW	57	57	60	60	66	65	55	49	70	56
21	BDL FIRE 15/15 4kW	57	57	60	60	66	65	55	49	70	56
22	BDL FIRE 18/18 1,1kW	48	47	50	50	54	53	44	37	59	45
23	BDL FIRE 18/18 1,5kW	50	49	52	51	56	55	46	39	61	46
24	BDL FIRE 18/18 2,2kW	51	50	53	53	57	56	47	40	62	48
25	BDL FIRE 18/18 3kW	54	53	56	56	60	59	50	43	65	51
26	BDL FIRE 18/18 4kW	56	55	57	57	62	60	51	44	66	52
27	BDL FIRE 18/18 5,5kW	57	56	59	59	63	62	53	46	68	53
28	BDL FIRE 20/20 2,2KW	49	48	51	51	54	52	43	59	59	48
29	BDL FIRE 20/20 3KW	55	54	57	57	59	58	49	42	65	51
30	BDL FIRE 20/20 4KW	57	56	59	59	61	60	51	44	67	53
31	BDL FIRE 20/20 5,5KW	59	58	61	61	64	62	53	46	69	55
32	BDL FIRE 20/20 7,5KW	61	60	63	63	65	64	55	47	71	56
33	BDL FIRE 22/22 2,2KW	51	49	53	52	54	53	43	36	60	52
34	BDL FIRE 22/22 3KW	53	52	55	54	56	55	45	39	62	48
35	BDL FIRE 22/22 4KW	55	54	57	56	58	57	47	41	64	50
36	BDL FIRE 22/22 5,5KW	57	55	59	58	60	59	49	42	66	52
37	BDL FIRE 22/22 7,5KW	59	57	61	60	62	60	51	44	68	54
38	BDL FIRE 22/22 11KW	61	59	63	61	63	62	52	46	69	55
39	BDL FIRE 25/25 2,2KW	52	52	52	52	52	52	52	52	61	47
40	BDL FIRE 25/25 3KW	52	52	52	52	52	52	52	52	61	47
41	BDL FIRE 25/25 4KW	54	54	54	54	54	54	54	54	63	49
42	BDL FIRE 25/25 5,5KW	57	57	57	57	57	57	57	57	66	51
43	BDL FIRE 25/25 7,5KW	59	59	59	59	59	59	59	59	68	53
44	BDL FIRE 25/25 11KW	62	62	62	62	62	62	62	62	71	55
45	BDL FIRE 30/28 2,2KW	57	57	57	57	57	57	57	57	66	52
46	BDL FIRE 30/28 3KW	58	58	58	58	58	58	58	58	67	53
47	BDL FIRE 30/28 4KW	58	58	58	58	58	58	58	58	67	52
48	BDL FIRE 30/28 5,5KW	60	60	60	60	60	60	60	60	69	55
49	BDL FIRE 30/28 7,5KW	63	63	63	63	63	63	63	63	72	58
50	BDL FIRE 30/28 11KW	65	65	65	65	65	65	65	65	74	60
51	BDL FIRE 30/28 15KW	67	67	67	67	67	67	67	67	76	62
52	BDL FIRE 20/20 1,5kW	47	46	49	49	52	50	41	57	57	45
53	BDL FIRE 15/15 0,55kW	48	48	51	51	56	56	46	39	61	47

Lindab®

Box Fan

BDS FIRE

Description

Belt driven box fan with backward curved impeller.
BSTB range fans assembled in soundproof cabinets with insulated panels.
Fan assembled on antivibration mountings.
Simple inlet backward curved impeller.
Supplied with motor, pulleys and belts.
Interchangeable panels to allow different fan positions.
Gland connection included.
Standard squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

Designed for inline installation, indoor or outdoor assembly, they are suitable for:
Smoke emergency exhaust with motor outside the hazardous area.
Industrial and professional kitchen hoods.

Maximum working temperature: carried air: 130ºC, ambient: 60ºC.

UNDER REQUEST:
2 speed motors.

Orentation:
LG90 (horizontal).
LG0 (vertical outlet).
Sandwich insulation.
60Hz fans and special voltages.

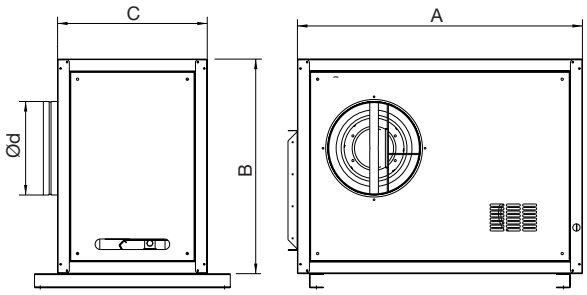
Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005

Ordering example

BDS FIRE **355** **F400** **0,75 kW**

Product
Size
Rating
Motor

Dimensions



Product	A mm	B mm	C mm	m kg
BDS FIRE 355 0,37kW F400	1068,0	824,0	612,0	122,0
BDS FIRE 355 0,55kW F400	1068,0	824,0	612,0	125,0
BDS FIRE 355 0,75kW F400	1068,0	824,0	612,0	126,0
BDS FIRE 355 1,1kW F400	1068,0	824,0	612,0	128,0
BDS FIRE 355 1,5kW F400	1068,0	824,0	612,0	131,0
BDS FIRE 355 2,2kW F400	1068,0	824,0	612,0	137,0
BDS FIRE 355 3kW F400	1068,0	824,0	612,0	141,0
BDS FIRE 400 0,55kW F400	1223,0	913,0	642,0	161,0
BDS FIRE 400 0,75kW F400	1223,0	913,0	642,0	162,0
BDS FIRE 400 1,1kW F400	1223,0	913,0	642,0	164,0
BDS FIRE 400 1,5kW F400	1223,0	913,0	642,0	167,0
BDS FIRE 400 2,2kW F400	1223,0	913,0	642,0	173,0
BDS FIRE 400 3kW F400	1223,0	913,0	642,0	177,0
BDS FIRE 400 4kW F400	1223,0	913,0	642,0	183,0
BDS FIRE 450 0,75kW F400	1323,0	1003,0	692,0	190,0
BDS FIRE 450 1,1kW F400	1323,0	1003,0	692,0	192,0
BDS FIRE 450 1,5kW F400	1323,0	1003,0	692,0	195,0
BDS FIRE 450 2,2kW F400	1323,0	1003,0	692,0	201,0

Box Fan

BDS FIRE

Product	A mm	B mm	C mm	m kg
BDS FIRE 450 3kW F400	1323,0	1003,0	692,0	205,0
BDS FIRE 450 4kW F400	1323,0	1003,0	692,0	211,0
BDS FIRE 450 5,5kW F400	1323,0	1003,0	692,0	220,0
BDS FIRE 450 7,5kW F400	1323,0	1003,0	692,0	230,0
BDS FIRE 500 1,1kW F400	1423,0	1100,0	732,0	219,0
BDS FIRE 500 1,5kW F400	1423,0	1100,0	732,0	222,0
BDS FIRE 500 2,2kW F400	1423,0	1100,0	732,0	228,0
BDS FIRE 500 3kW F400	1423,0	1100,0	732,0	232,0
BDS FIRE 500 4kW F400	1423,0	1100,0	732,0	238,0
BDS FIRE 500 5,5kW F400	1423,0	1100,0	732,0	247,0
BDS FIRE 500 7,5kW F400	1423,0	1100,0	732,0	257,0
BDS FIRE 560 1,5kW F400	1691,5	1216,0	801,3	250,0
BDS FIRE 560 2,2kW F400	1691,5	1216,0	801,3	256,0
BDS FIRE 560 3kW F400	1691,5	1216,0	801,3	260,0
BDS FIRE 560 4kW F400	1691,5	1216,0	801,3	266,0
BDS FIRE 560 5,5kW F400	1691,5	1216,0	801,3	275,0
BDS FIRE 560 7,5kW F400	1691,5	1216,0	801,3	285,0
BDS FIRE 560 11kW F400	1691,5	1216,0	801,3	299,0
BDS FIRE 630 2,2kW F400	1821,5	1343,0	851,0	296,0
BDS FIRE 630 3kW F400	1821,5	1343,0	851,0	300,0
BDS FIRE 630 4kW F400	1821,5	1343,0	851,0	306,0
BDS FIRE 630 5,5kW F400	1821,5	1343,0	851,0	315,0
BDS FIRE 630 7,5kW F400	1821,5	1343,0	851,0	325,0
BDS FIRE 630 11kW F400	1821,5	1343,0	851,0	339,0
BDS FIRE 630 15kW F400	1821,5	1343,0	851,0	417,0
BDS FIRE 710 3kW F400	1988,0	1488,0	912,0	330,0
BDS FIRE 710 4kW F400	1988,0	1488,0	912,0	336,0
BDS FIRE 710 5,5kW F400	1988,0	1488,0	912,0	345,0
BDS FIRE 710 7,5kW F400	1988,0	1488,0	912,0	355,0
BDS FIRE 710 11kW F400	1988,0	1488,0	912,0	369,0
BDS FIRE 710 15kW F400	1988,0	1488,0	912,0	447,0
BDS FIRE 710 18,5kW F400	1988,0	1488,0	912,0	479,0

All fans are 400 volt.

Box Fan

BDS FIRE

Technical data

Graph Ref.	Product	Motor W	Amps FLC	Speed RPM
1	BDS FIRE 355 0,37kW F400	0,370	1,070	1400,0
2	BDS FIRE 355 0,55kW F400	0,550	1,490	1700,0
3	BDS FIRE 355 0,75kW F400	0,750	2,000	1900,0
4	BDS FIRE 355 1,1kW F400	1,100	2,750	2100,0
5	BDS FIRE 355 1,5kW F400	1,500	3,650	2400,0
6	BDS FIRE 355 2,2kW F400	2,200	5,000	2600,0
7	BDS FIRE 355 3kW F400	3,000	6,800	2900,0
8	BDS FIRE 400 0,55kW F400	0,550	1,490	1300,0
9	BDS FIRE 400 0,75kW F400	0,750	2,000	1500,0
10	BDS FIRE 400 1,1kW F400	1,100	2,750	1700,0
11	BDS FIRE 400 1,5kW F400	1,500	3,650	1900,0
12	BDS FIRE 400 2,2kW F400	2,200	5,000	2200,0
13	BDS FIRE 400 3kW F400	3,000	6,800	2400,0
14	BDS FIRE 400 4kW F400	4,000	8,800	2600,0
15	BDS FIRE 450 0,75kW F400	0,750	2,000	1200,0
16	BDS FIRE 450 1,1kW F400	1,100	2,750	1400,0
17	BDS FIRE 450 1,5kW F400	1,500	3,650	1600,0
18	BDS FIRE 450 2,2kW F400	2,200	5,000	1800,0
19	BDS FIRE 450 3kW F400	3,000	6,800	2000,0
20	BDS FIRE 450 4kW F400	4,000	8,800	2200,0
21	BDS FIRE 450 5,5kW F400	5,500	6,900	2400,0
22	BDS FIRE 450 7,5kW F400	7,500	8,600	2700,0
23	BDS FIRE 500 1,1kW F400	1,100	2,750	1200,0
24	BDS FIRE 500 1,5kW F400	1,500	3,650	1300,0
25	BDS FIRE 500 2,2kW F400	2,200	5,000	1500,0
26	BDS FIRE 500 3kW F400	3,000	6,800	1700,0
27	BDS FIRE 500 4kW F400	4,000	8,800	1900,0
28	BDS FIRE 500 5,5kW F400	5,500	6,900	2100,0
29	BDS FIRE 500 7,5kW F400	7,500	8,600	2300,0
30	BDS FIRE 560 1,5kW F400	1,500	3,650	1200,0
31	BDS FIRE 560 11kW F400	11,000	12,020	2200,0
32	BDS FIRE 560 2,2kW F400	2,200	5,000	1300,0
33	BDS FIRE 560 3kW F400	3,000	6,800	1500,0
34	BDS FIRE 560 4kW F400	4,000	8,800	1600,0
35	BDS FIRE 560 5,5kW F400	5,500	6,900	1800,0
36	BDS FIRE 560 7,5kW F400	7,500	8,600	2000,0
37	BDS FIRE 630 11kW F400	11,000	12,020	1800,0
38	BDS FIRE 630 15kW F400	15,000	16,040	1900,0
39	BDS FIRE 630 2,2kW F400	2,200	5,000	1000,0
40	BDS FIRE 630 3kW F400	3,000	6,800	1100,0
41	BDS FIRE 630 4kW F400	4,000	8,800	1300,0
42	BDS FIRE 630 5,5kW F400	5,500	6,900	1400,0
43	BDS FIRE 630 7,5kW F400	7,500	8,600	1600,0
44	BDS FIRE 710 11kW F400	11,000	12,020	1500,0
45	BDS FIRE 710 15kW F400	15,000	16,040	1600,0
46	BDS FIRE 710 18,5kW F400	18,500	18,980	1800,0
47	BDS FIRE 710 3kW F400	3,000	6,800	1100,0
48	BDS FIRE 710 4kW F400	4,000	8,800	1300,0
49	BDS FIRE 710 5,5kW F400	5,500	6,900	1400,0
50	BDS FIRE 710 7,5kW F400	7,500	8,600	1300
51	BDS FIRE 355 0,37kW F400	0,370	1,070	1400,0
52	BDS FIRE 355 0,55kW F400	0,550	1,490	1700,0
53	BDS FIRE 355 0,75kW F400	0,750	2,000	1900,0

Box Fan

BDS FIRE

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	BDS FIRE 355 0,37kW F400	40	51	62	63	63	62	53	42	69	55
2	BDS FIRE 355 0,55kW F400	45	56	67	68	68	67	58	47	73	59
3	BDS FIRE 355 0,75kW F400	47	58	69	70	70	69	60	49	76	62
4	BDS FIRE 355 1,1kW F400	49	60	71	72	72	71	62	51	78	64
5	BDS FIRE 355 1,5kW F400	53	64	75	76	76	75	66	54	81	67
6	BDS FIRE 355 2,2kW F400	55	66	77	78	78	77	68	57	84	69
7	BDS FIRE 355 3kW F400	59	70	81	81	82	81	72	61	87	73
8	BDS FIRE 400 0,55kW F400	47	55	66	67	70	67	58	46	74	60
9	BDS FIRE 400 0,75kW F400	51	59	70	71	74	71	62	50	78	63
10	BDS FIRE 400 1,1kW F400	53	61	72	73	74	73	64	52	80	65
11	BDS FIRE 400 1,5kW F400	56	64	75	76	78	76	67	55	83	68
12	BDS FIRE 400 2,2kW F400	59	67	78	79	82	79	70	58	86	72
13	BDS FIRE 400 3kW F400	61	69	80	81	84	81	72	60	88	74
14	BDS FIRE 400 4kW F400	64	72	83	84	87	84	75	63	91	77
15	BDS FIRE 450 0,75kW F400	49	61	71	72	73	70	61	48	77	63
16	BDS FIRE 450 1,1kW F400	52	64	74	75	76	73	64	51	81	67
17	BDS FIRE 450 1,5kW F400	55	67	77	78	79	76	67	54	84	70
18	BDS FIRE 450 2,2kW F400	58	70	80	81	82	79	70	57	87	72
19	BDS FIRE 450 3kW F400	60	72	82	83	84	81	72	59	89	75
20	BDS FIRE 450 4kW F400	62	74	84	85	86	83	74	61	91	77
21	BDS FIRE 450 5,5kW F400	64	76	86	87	88	85	76	63	93	79
22	BDS FIRE 450 7,5kW F400	68	80	90	91	92	89	80	67	97	82
23	BDS FIRE 500 1,1kW F400	46	62	69	71	74	70	63	49	78	63
24	BDS FIRE 500 1,5kW F400	49	65	72	74	77	73	66	52	81	67
25	BDS FIRE 500 2,2kW F400	52	68	75	77	80	76	69	55	84	70
26	BDS FIRE 500 3kW F400	55	71	78	80	83	79	72	58	87	73
27	BDS FIRE 500 4kW F400	58	74	81	83	86	82	75	61	89	75
28	BDS FIRE 500 5,5kW F400	60	76	83	85	88	84	77	63	92	77
29	BDS FIRE 500 7,5kW F400	62	78	85	87	90	86	79	65	94	79
30	BDS FIRE 560 1,5kW F400	50	68	74	76	80	75	68	55	83	69
31	BDS FIRE 560 11kW F400	64	82	88	90	94	89	82	69	97	82
32	BDS FIRE 560 2,2kW F400	52	70	76	78	82	77	70	57	85	71
33	BDS FIRE 560 3kW F400	55	73	79	81	85	80	73	60	88	75
34	BDS FIRE 560 4kW F400	56	74	80	82	86	81	74	61	90	75
35	BDS FIRE 560 5,5kW F400	59	77	83	85	89	84	77	64	92	78
36	BDS FIRE 560 7,5kW F400	61	79	85	87	91	86	79	66	95	81
37	BDS FIRE 630 11kW F400	61	78	85	87	91	87	79	67	95	81
38	BDS FIRE 630 15kW F400	63	80	87	89	93	89	81	69	96	82
39	BDS FIRE 630 2,2kW F400	48	65	72	74	78	74	66	54	81	67
40	BDS FIRE 630 3kW F400	50	67	74	76	80	76	68	56	84	69
41	BDS FIRE 630 4kW F400	54	71	78	80	84	80	72	60	87	73
42	BDS FIRE 630 5,5kW F400	56	73	80	82	86	82	74	62	89	75
43	BDS FIRE 630 7,5kW F400	59	76	83	85	89	85	77	65	92	78
44	BDS FIRE 710 11kW F400	59	76	83	86	89	84	77	62	93	78
45	BDS FIRE 710 15kW F400	61	78	85	88	91	86	79	64	94	80
46	BDS FIRE 710 18,5kW F400	63	80	87	90	93	88	81	66	97	83
47	BDS FIRE 710 3kW F400	48	65	72	75	78	73	66	51	81	66
48	BDS FIRE 710 4kW F400	50	67	74	77	80	75	68	53	83	69
49	BDS FIRE 710 5,5kW F400	52	69	76	79	82	77	70	55	86	71
50	BDS FIRE 710 7,5kW F400	56	73	80	83	86	81	74	59	89	76
51	BDS FIRE 355 0,37kW F400	40	51	62	63	63	62	53	42	69	55
52	BDS FIRE 355 0,55kW F400	45	56	67	68	68	67	58	47	73	59
53	BDS FIRE 355 0,75kW F400	47	58	69	70	70	69	60	49	76	62

ATEX Rated fans

Lindab®

Content

Axial Fans

WMAX

Description

Plate axial fan, circular reinforced frame. Cast aluminium impeller.

Modular Motor impeller construction.

Corrosion-resistant powder coat epoxy resin..

ATEX standard asynchronous motor. Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase, motors up to 4kW and 400/690V 50Hz for higher powers. II2G EEx_d IIC T5

IP55 Motor

Designed for wall or duct installation, they are suitable for:

Ventilation in indoor environments classified as ATEX zone 1. Under request With marking and certificate ATEX II 2G, II 3G o II 3D. In Areas 1(gas), 2(gas) o 22(dust).

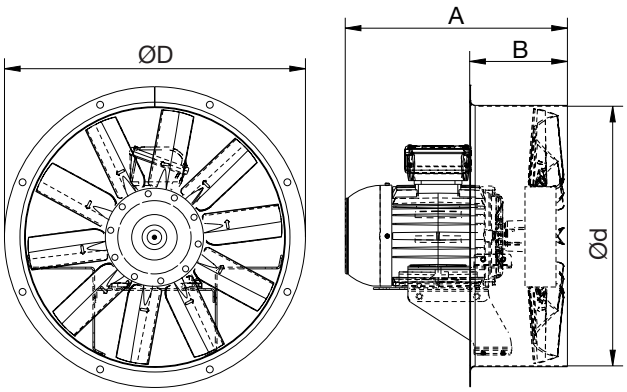
Maximum working temperature: 50ºC.

In compliance with the 94/9/CE Directive.

Ordering example

WMAX	40	T	2	0,25 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Dimensions



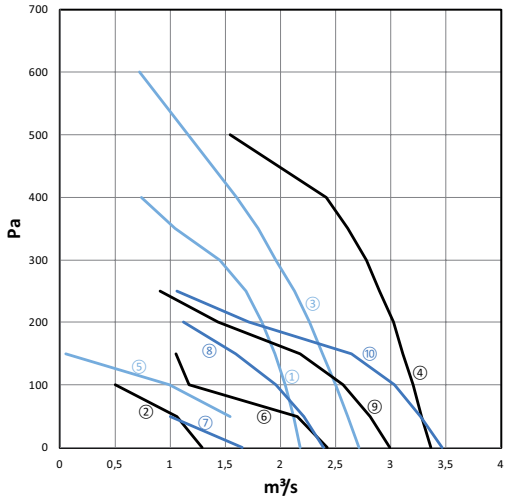
Product	Ød nom	ØD nom	A mm	B mm	m kg
WMAX 40 T4 0,25kW	400	472	301	150	14
WMAX 40 T2 1,1kW	400	472	352	150	18
WMAX 45 T4 0,37kW	450	525	328	165	15
WMAX 45 T2 1,5kW	450	525	387	165	23
WMAX 45 T2 2,2kW	450	525	418	165	26
WMAX 50 T6 0,25kW	500	600	338	165	19
WMAX 50 T4 0,55kW	500	600	350	165	21
WMAX 56 T6 0,25kW	560	646	338	175	41
WMAX 56 T6 0,37kW	560	646	352	175	41
WMAX 56 T4 0,75kW	560	646	352	175	42
WMAX 56 T4 0,55kW	560	646	352	175	43
WMAX 56 T4 1,1kW	560	646	362	175	45
WMAX 56 T4 1,5kW	560	646	387	175	47
WMAX 63 T6 0,37kW	630	725	352	185	43
WMAX 63 T6 0,55kW	630	725	352	185	44
WMAX 63 T4 0,75kW	630	725	352	185	45
WMAX 63 T4 1,1kW	630	725	386	185	49
WMAX 63 T4 1,5kW	630	725	411	185	51
WMAX 63 T4 2,2kW	630	725	627	185	50
WMAX 71 T6 0,75kW	710	802	391	190	47
WMAX 71 T4 1,1kW	710	802	391	190	53
WMAX 71 T4 1,5kW	710	802	416	190	55
WMAX 71 T4 2,2kW	710	802	447	190	52
WMAX 71 T4 3kW	710	802	447	190	54
WMAX 80 T6 0,75kW	800	892	427	220	57
WMAX 80 T6 1,1kW	800	892	427	220	59
WMAX 80 T6 1,5kW	800	892	463	220	56
WMAX 80 T4 3kW	800	892	463	220	67
WMAX 80 T6 2,2kW	800	892	469	220	62
WMAX 80 T4 4kW	800	892	469	220	78

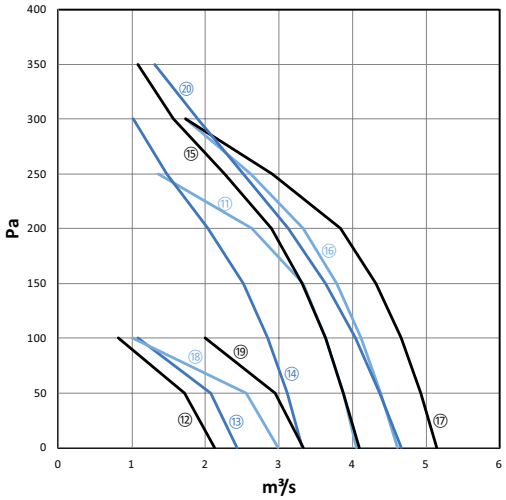
T= 400 volt
M = 230 volt

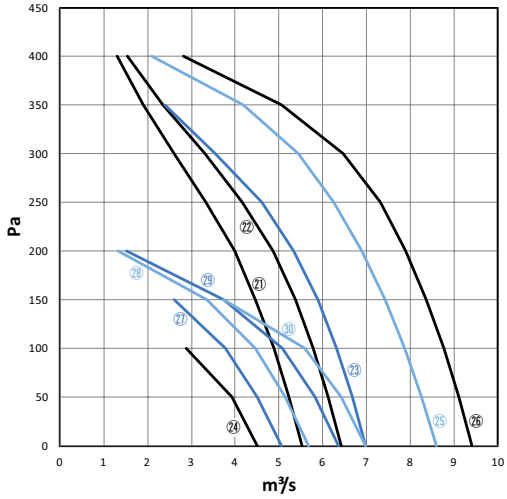
Axial Fans

WMAX

Technical data







Axial Fans

WMAX

Technical data

Graph Ref.	Product	m³/s @ Pa												Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	800	W	FLC	RPM
1	WMAX 40 T2 1,1kW	2,18	2,12	2,04	1,95	1,83	1,69	1,45	1,04	0,74				1,1	2,55	2800
2	WMAX 40 T4 0,25kW	1,29	1,06	0,5										0,25	0,83	1400
3	WMAX 45 T2 1,5kW	2,71	2,61	2,5	2,38	2,26	2,13	1,96	1,8	1,6	1,16	0,72		1,5	3,48	2800
4	WMAX 45 T2 2,2kW	3,36	3,28	3,2	3,11	3,02	2,9	2,78	2,61	2,41	1,54			2,2	4,98	2800
5	WMAX 45 T4 0,37kW		1,54	0,99	0,052									0,37	1,12	1400
6	WMAX 50 T4 0,55kW	2,42	2,15	1,17	1,05									0,55	1,56	1400
7	WMAX 50 T6 0,25kW	1,65	1											0,25	0,87	900
8	WMAX 56 T4 0,55kW	2,39	2,21	1,96	1,59	1,12								0,55	1,56	1400
9	WMAX 56 T4 0,75kW	2,99	2,81	2,57	2,18	1,43	0,91							0,75	2,01	1400
10	WMAX 56 T4 1,1kW	3,46	3,27	3,03	2,64	1,71	1,06							1,1	2,75	1400
11	WMAX 56 T4 1,5kW	4,05	3,87	3,64	3,33	2,63	1,36							1,5	3,65	1400
12	WMAX 56 T6 0,25kW	2,12	1,72	0,82										0,25	0,87	900
13	WMAX 56 T6 0,37kW	2,43	2,07	1,08										0,37	1,23	900
14	WMAX 63 T4 0,75kW	3,31	3,11	2,85	2,52	2,04	1,47	1,02						0,75	2,01	1400
15	WMAX 63 T4 1,1kW	4,09	3,88	3,63	3,32	2,9	2,26	1,56	1,08					1,1	2,75	1400
16	WMAX 63 T4 1,5kW	4,61	4,38	4,12	3,79	3,33	2,62	1,73						1,5	3,65	1400
17	WMAX 63 T4 2,2kW	5,15	4,93	4,66	4,32	3,84	2,91	1,73						2,2	5	1430
18	WMAX 63 T6 0,37kW	2,98	2,55	1,01										0,37	1,23	900
19	WMAX 63 T6 0,55kW	3,33	2,95	2										0,55	1,65	900
20	WMAX 71 T4 1,1kW	4,66	4,37	4,04	3,64	3,13	2,52	1,89	1,31					1,1	2,75	1400
21	WMAX 71 T4 1,5kW	5,53	5,23	4,88	4,46	3,98	3,33	2,61	1,9	1,31				1,5	3,65	1400
22	WMAX 71 T4 2,2kW	6,42	6,13	5,78	5,37	4,87	4,17	3,3	2,35	1,54				2,2	5	1430
23	WMAX 71 T4 3kW	6,98	6,67	6,31	5,89	5,33	4,6	3,55	2,4					3	6,8	1430
24	WMAX 71 T6 0,75kW	4,5	3,92	2,88										0,75	2,3	910
25	WMAX 80 T4 3kW	8,6	8,26	7,86	7,42	6,89	6,25	5,44	4,18	2,1				3	6,8	1430
26	WMAX 80 T4 4kW	9,4	9,1	8,77	8,36	7,89	7,32	6,47	5,06	2,82				4	8,8	1440
27	WMAX 80 T6 0,75kW	5,06	4,5	3,77	2,61									0,75	2,3	910
28	WMAX 80 T6 1,1kW	5,68	5,15	4,45	3,34	1,33								1,1	3,2	910
29	WMAX 80 T6 1,5kW	6,36	5,82	5,08	3,74	1,51								1,5	4	940
30	WMAX 80 T6 2,2kW	6,98	6,41	5,58	3,73									2,2	5,6	940

Axial Fans WMAX

Technical data

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	WMAX 40 T2 1,1kW	58	68	75	80	83	84	84	78	89	74
2	WMAX 40 T4 0,25kW	44	53	60	64	67	68	68	62	74	59
3	WMAX 45 T2 1,5kW	63	74	80	86	89	89	90	83	95	81
4	WMAX 45 T2 2,2kW	60	70	76	82	85	85	85	80	91	74
5	WMAX 45 T4 0,37kW	47	55	61	65	68	68	69	63	76	60
6	WMAX 50 T4 0,55kW	52	61	66	71	73	74	74	68	81	63
7	WMAX 50 T6 0,25kW	43	52	58	63	64	65	65	60	72	54
8	WMAX 56 T4 0,55kW	53	66	72	81	83	80	79	70	87	70
9	WMAX 56 T4 0,75kW	52	60	67	73	76	76	77	70	82	67
10	WMAX 56 T4 1,1kW	53	59	66	73	76	76	77	70	82	67
11	WMAX 56 T4 1,5kW	55	61	68	74	78	78	78	70	84	69
12	WMAX 56 T6 0,25kW	45	56	62	69	71	71	70	62	77	59
13	WMAX 56 T6 0,37kW	47	56	62	67	68	69	70	61	76	60
14	WMAX 63 T4 0,75kW	52	63	72	83	85	81	80	73	88	73
15	WMAX 63 T4 1,1kW	54	60	67	74	77	77	79	71	83	71
16	WMAX 63 T4 1,5kW	56	65	72	78	80	79	81	73	86	69
17	WMAX 63 T4 2,2kW	57	62	69	76	78	79	80	72	85	71
18	WMAX 63 T6 0,37kW	49	56	62	68	71	72	71	65	78	61
19	WMAX 63 T6 0,55kW	49	59	64	68	71	70	72	64	78	62
20	WMAX 71 T4 1,1kW	56	67	79	88	89	86	83	76	93	77
21	WMAX 71 T4 1,5kW	60	64	73	80	83	83	83	74	89	75
22	WMAX 71 T4 2,2kW	60	70	77	82	85	83	83	75	90	73
23	WMAX 71 T4 3kW	60	66	73	79	81	83	83	74	89	74
24	WMAX 71 T6 0,75kW	51	58	64	70	73	74	75	65	80	66
25	WMAX 80 T4 3kW	61	72	77	84	87	87	87	80	92	77
26	WMAX 80 T4 4kW	66	73	79	83	85	86	87	78	94	78
27	WMAX 80 T6 0,75kW	56	66	72	78	82	82	82	73	87	72
28	WMAX 80 T6 1,1kW	52	63	68	75	78	78	78	71	84	68
29	WMAX 80 T6 1,5kW	57	64	70	74	76	77	78	69	85	69
30	WMAX 80 T6 2,2kW	57	65	72	75	77	78	77	71	85	70

Axial Fans

LCAX

Description

Long Cased axial fan, circular reinforced frame. Cast aluminium impeller.

Modular Motor impeller construction.

Corrosion-resistant powder coat epoxy resin.

ATEX standard asynchronous motor. Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase, motors up to 4kW and 400/690V 50Hz for higher powers. II2G EEx_d IIC T5

IP55 Motor

Designed for duct installation, they are suitable for: Ventilation in indoor environments classified as ATEX zone 1. Under request With marking and certificate ATEX II 2G, II 3G o II 3D. In Areas 1(gas), 2(gas) o 22(dust).

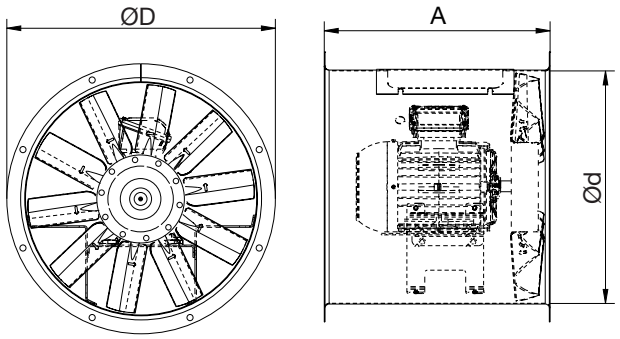
Maximum working temperature: 50ºC.

In compliance with the 94/9/CE Directive.

Ordering example

LCAX	40	T	2	1,1 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Dimensions

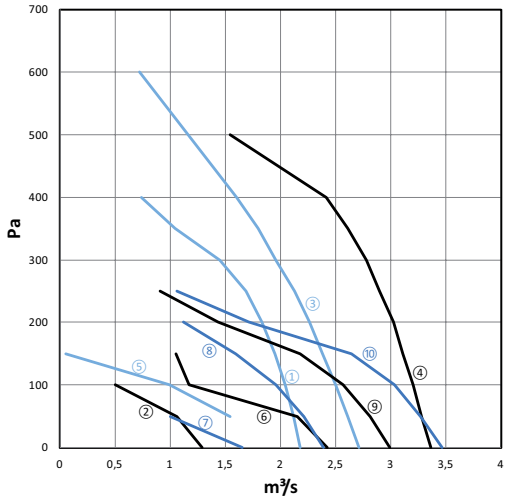


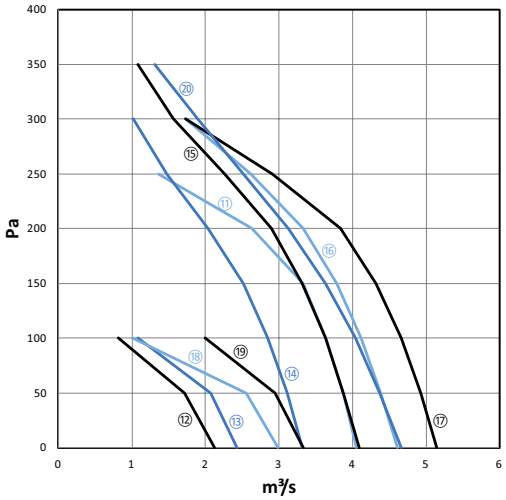
Product	Ød nom	ØD nom	A mm	m kg
LCAX 40 T4 0,25kW	400	472	440	19
LCAX 45 T4 0,37kW	450	525	455	20
LCAX 40 T2 1,1kW	400	472	400	25
LCAX 50 T6 0,25kW	500	600	440	26
LCAX 50 T4 0,55kW	500	600	440	29
LCAX 45 T2 1,5kW	450	525	455	31
LCAX 45 T2 2,2kW	450	525	455	36
LCAX 56 T6 0,37kW	560	646	460	62
LCAX 56 T6 0,25kW	560	646	460	62
LCAX 56 T4 0,75kW	560	646	460	63
LCAX 56 T4 0,55kW	560	646	460	63
LCAX 63 T6 0,37kW	630	725	550	63
LCAX 63 T6 0,55kW	630	725	550	64
LCAX 63 T4 0,75kW	630	725	550	65
LCAX 56 T4 1,1kW	560	646	460	67
LCAX 56 T4 1,5kW	560	646	460	69
LCAX 63 T4 1,1kW	630	725	550	69
LCAX 63 T4 1,5kW	630	725	550	70
LCAX 63 T4 2,2kW	630	725	550	71
LCAX 71 T6 0,75kW	710	802	600	75
LCAX 71 T4 2,2kW	710	802	600	80
LCAX 71 T4 1,1kW	710	802	600	82
LCAX 80 T6 0,75kW	800	892	600	83
LCAX 71 T4 3kW	710	802	600	84
LCAX 71 T4 1,5kW	710	802	600	84
LCAX 80 T6 1,5kW	800	892	600	84
LCAX 80 T6 1,1kW	800	892	600	86
LCAX 80 T6 2,2kW	800	892	600	90
LCAX 80 T6 2,2kW	800	892	600	90
LCAX 80 T4 3kW	800	892	600	94
LCAX 80 T4 4kW	800	892	600	106

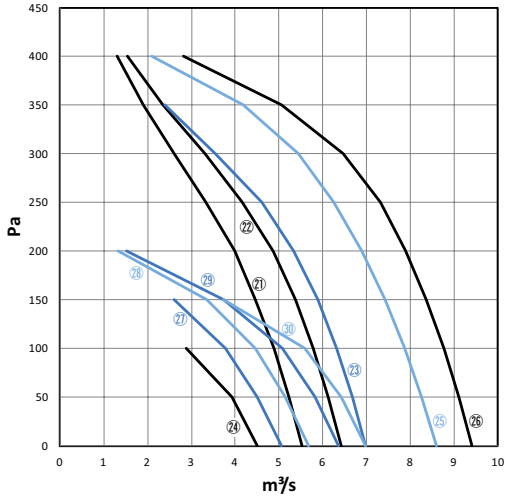
T= 400 volt
M = 230 volt

Axial Fans LCAX

Technical data







Axial Fans LCAX

Technical data

Graph Ref.	Product	m³/s @ Pa												Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	800	W	FLC	RPM
1	WMAX 40 T2 1,1kW	2,18	2,12	2,04	1,95	1,83	1,69	1,45	1,04	0,74				1,1	2,55	2800
2	WMAX 40 T4 0,25kW	1,29	1,06	0,5										0,25	0,83	1400
3	WMAX 45 T2 1,5kW	2,71	2,61	2,5	2,38	2,26	2,13	1,96	1,8	1,6	1,16	0,72		1,5	3,48	2800
4	WMAX 45 T2 2,2kW	3,36	3,28	3,2	3,11	3,02	2,9	2,78	2,61	2,41	1,54			2,2	4,98	2800
5	WMAX 45 T4 0,37kW		1,54	0,99	0,052									0,37	1,12	1400
6	WMAX 50 T4 0,55kW	2,42	2,15	1,17	1,05									0,55	1,56	1400
7	WMAX 50 T6 0,25kW	1,65	1											0,25	0,87	900
8	WMAX 56 T4 0,55kW	2,39	2,21	1,96	1,59	1,12								0,55	1,56	1400
9	WMAX 56 T4 0,75kW	2,99	2,81	2,57	2,18	1,43	0,91							0,75	2,01	1400
10	WMAX 56 T4 1,1kW	3,46	3,27	3,03	2,64	1,71	1,06							1,1	2,75	1400
11	WMAX 56 T4 1,5kW	4,05	3,87	3,64	3,33	2,63	1,36							1,5	3,65	1400
12	WMAX 56 T6 0,25kW	2,12	1,72	0,82										0,25	0,87	900
13	WMAX 56 T6 0,37kW	2,43	2,07	1,08										0,37	1,23	900
14	WMAX 63 T4 0,75kW	3,31	3,11	2,85	2,52	2,04	1,47	1,02						0,75	2,01	1400
15	WMAX 63 T4 1,1kW	4,09	3,88	3,63	3,32	2,9	2,26	1,56	1,08					1,1	2,75	1400
16	WMAX 63 T4 1,5kW	4,61	4,38	4,12	3,79	3,33	2,62	1,73						1,5	3,65	1400
17	WMAX 63 T4 2,2kW	5,15	4,93	4,66	4,32	3,84	2,91	1,73						2,2	5	1430
18	WMAX 63 T6 0,37kW	2,98	2,55	1,01										0,37	1,23	900
19	WMAX 63 T6 0,55kW	3,33	2,95	2										0,55	1,65	900
20	WMAX 71 T4 1,1kW	4,66	4,37	4,04	3,64	3,13	2,52	1,89	1,31					1,1	2,75	1400
21	WMAX 71 T4 1,5kW	5,53	5,23	4,88	4,46	3,98	3,33	2,61	1,9	1,31				1,5	3,65	1400
22	WMAX 71 T4 2,2kW	6,42	6,13	5,78	5,37	4,87	4,17	3,3	2,35	1,54				2,2	5	1430
23	WMAX 71 T4 3kW	6,98	6,67	6,31	5,89	5,33	4,6	3,55	2,4					3	6,8	1430
24	WMAX 71 T6 0,75kW	4,5	3,92	2,88										0,75	2,3	910
25	WMAX 80 T4 3kW	8,6	8,26	7,86	7,42	6,89	6,25	5,44	4,18	2,1				3	6,8	1430
26	WMAX 80 T4 4kW	9,4	9,1	8,77	8,36	7,89	7,32	6,47	5,06	2,82				4	8,8	1440
27	WMAX 80 T6 0,75kW	5,06	4,5	3,77	2,61									0,75	2,3	910
28	WMAX 80 T6 1,1kW	5,68	5,15	4,45	3,34	1,33								1,1	3,2	910
29	WMAX 80 T6 1,5kW	6,36	5,82	5,08	3,74	1,51								1,5	4	940
30	WMAX 80 T6 2,2kW	6,98	6,41	5,58	3,73									2,2	5,6	940

Axial Fans LCAX

Technical data

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	LCAX 40 T2 1,1kW	58	68	75	80	83	84	84	78	89	74
2	LCAX 40 T4 0,25kW	44	53	60	64	67	68	68	62	74	59
3	LCAX 45 T2 1,5kW	63	74	80	86	89	89	90	83	95	81
4	LCAX 45 T2 2,2kW	60	70	76	82	85	85	85	80	91	74
5	LCAX 45 T4 0,37kW	47	55	61	65	68	68	69	63	76	60
6	LCAX 50 T4 0,55kW	52	61	66	71	73	74	74	68	81	63
7	LCAX 50 T6 0,25kW	43	52	58	63	64	65	65	60	72	54
8	LCAX 56 T4 0,55kW	53	66	72	81	83	80	79	70	87	70
9	LCAX 56 T4 0,75kW	52	60	67	73	76	76	77	70	82	67
10	LCAX 56 T4 1,1kW	53	59	66	73	76	76	77	70	82	67
11	LCAX 56 T4 1,5kW	55	61	68	74	78	78	78	70	84	69
12	LCAX 56 T6 0,25kW	45	56	62	69	71	71	70	62	77	59
13	LCAX 56 T6 0,37kW	47	56	62	67	68	69	70	61	76	60
14	LCAX 63 T4 0,75kW	52	63	72	83	85	81	80	73	88	73
15	LCAX 63 T4 1,1kW	54	60	67	74	77	77	79	71	83	71
16	LCAX 63 T4 1,5kW	56	65	72	78	80	79	81	73	86	69
17	LCAX 63 T4 2,2kW	57	62	69	76	78	79	80	72	85	71
18	LCAX 63 T6 0,37kW	49	56	62	68	71	72	71	65	78	61
19	LCAX 63 T6 0,55kW	49	59	64	68	71	70	72	64	78	62
20	LCAX 71 T4 1,1kW	56	67	79	88	89	86	83	76	93	77
21	LCAX 71 T4 1,5kW	60	64	73	80	83	83	83	74	89	75
22	LCAX 71 T4 2,2kW	60	70	77	82	85	83	83	75	90	73
23	LCAX 71 T4 3kW	60	66	73	79	81	83	83	74	89	74
24	LCAX 71 T6 0,75kW	51	58	64	70	73	74	75	65	80	66
25	LCAX 80 T4 3kW	61	72	77	84	87	87	87	80	92	77
26	LCAX 80 T4 4kW	66	73	79	83	85	86	87	78	94	78
27	LCAX 80 T6 0,75kW	56	66	72	78	82	82	82	73	87	72
28	LCAX 80 T6 1,1kW	52	63	68	75	78	78	78	71	84	68
29	LCAX 80 T6 1,5kW	57	64	70	74	76	77	78	69	85	69
30	LCAX 80 T6 2,2kW	57	65	72	75	77	78	77	71	85	70

Axial Fans

SCAX

Description

Short Cased axial fan, circular reinforced frame. Cast aluminium impeller.

Modular Motor impeller construction.

Corrosion-resistant powder coat epoxy resin.

ATEX standard asynchronous motor. Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase, motors up to 4kW and 400/690V 50Hz for higher powers. II2G EEx_d IIC T5

IP55 Motor

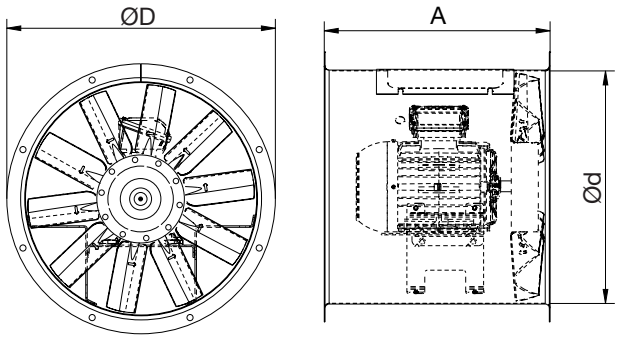
Designed for duct installation, they are suitable for: Ventilation in indoor environments classified as ATEX zone 1. Under request With marking and certificate ATEX II 2G, II 3G o II 3D. In Areas 1(gas), 2(gas) o 22(dust). Maximum working temperature: 50ºC.

In compliance with the 94/9/CE Directive.

Ordering example

SCAX	40	T	2	1,1 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Dimensions

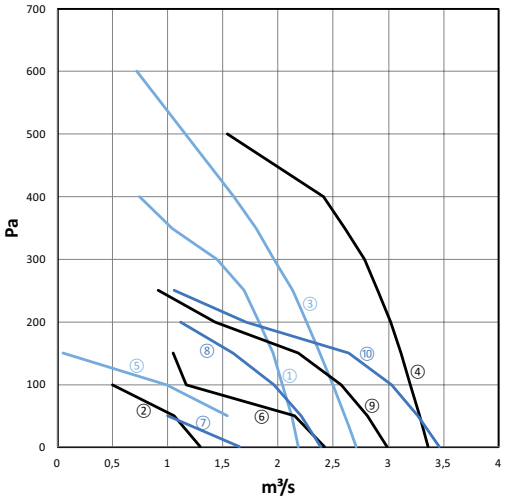


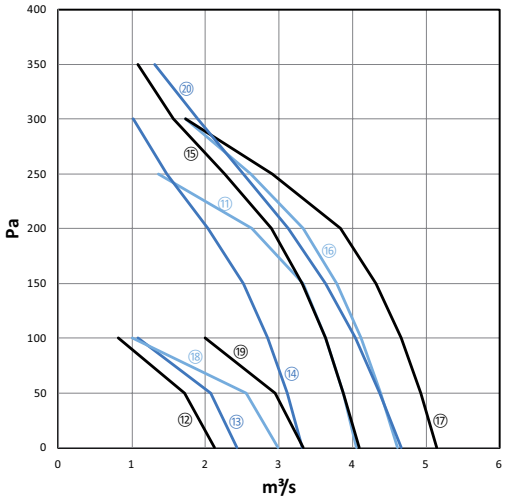
Product	Ød nom	ØD nom	A mm	m kg
SCAX 40 T4 0,25kW	400	472	250	16
SCAX 45 T4 0,37kW	450	525	250	17
SCAX 40 T2 1,1kW	400	472	250	21
SCAX 50 T6 0,25kW	500	600	250	22
SCAX 50 T4 0,55kW	500	600	250	24
SCAX 45 T2 1,5kW	450	525	250	26
SCAX 45 T2 2,2kW	450	525	250	30
SCAX 63 T4 0,75kW	630	725	250	41
SCAX 56 T6 0,37kW	560	646	250	46
SCAX 56 T6 0,25kW	560	646	250	46
SCAX 56 T4 0,75kW	560	646	250	47
SCAX 56 T4 0,55kW	560	646	250	47
SCAX 63 T6 0,37kW	630	725	250	48
SCAX 63 T6 0,55kW	630	725	250	49
SCAX 56 T4 1,1kW	560	646	250	51
SCAX 56 T4 1,5kW	560	646	250	52
SCAX 71 T6 0,75kW	710	802	350	53
SCAX 71 T4 1,1kW	710	802	350	53
SCAX 63 T4 1,1kW	630	725	250	54
SCAX 63 T4 2,2kW	630	725	250	56
SCAX 63 T4 1,5kW	630	725	250	56
SCAX 71 T4 2,2kW	710	802	350	58
SCAX 71 T4 3kW	710	802	350	62
SCAX 71 T4 1,5kW	710	802	350	62
SCAX 80 T6 0,75kW	800	892	350	64
SCAX 80 T6 1,5kW	800	892	350	65
SCAX 80 T6 1,1kW	800	892	350	67
SCAX 80 T6 2,2kW	800	892	350	71
SCAX 80 T4 3kW	800	892	350	75
SCAX 80 T4 4kW	800	892	350	87

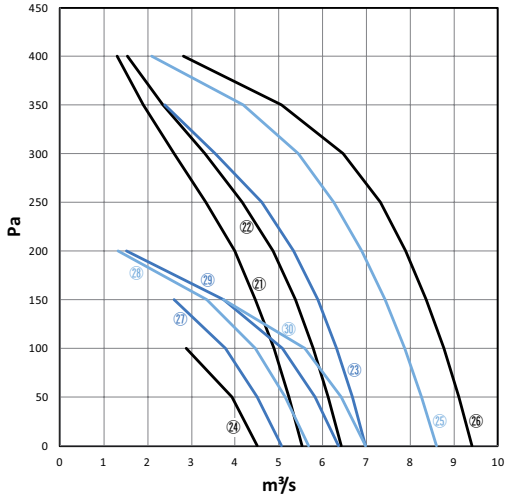
T= 400 volt
M = 230 volt

Axial Fans SCAX

Technical data







Axial Fans

SCAX

Technical data

Graph Ref.	Product	m³/s @ Pa												Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	800	W	FLC	RPM
1	SCAX 40 T2 1,1kW	2,18	2,12	2,04	1,95	1,83	1,69	1,45	1,04	0,74				1,1	2,55	2800
2	SCAX 40 T4 0,25kW	1,29	1,06	0,5										0,25	0,83	1400
3	SCAX 45 T2 1,5kW	2,71	2,61	2,5	2,38	2,26	2,13	1,96	1,8	1,6	1,16	0,72		1,5	3,48	2800
4	SCAX 45 T2 2,2kW	3,36	3,28	3,2	3,11	3,02	2,9	2,78	2,61	2,41	1,54			2,2	4,98	2800
5	SCAX 45 T4 0,37kW		1,54	0,99	0,052									0,37	1,12	1400
6	SCAX 50 T4 0,55kW	2,42	2,15	1,17	1,05									0,55	1,56	1400
7	SCAX 50 T6 0,25kW	1,65	1											0,25	0,87	900
8	SCAX 56 T4 0,55kW	2,39	2,21	1,96	1,59	1,12								0,55	1,56	1400
9	SCAX 56 T4 0,75kW	2,99	2,81	2,57	2,18	1,43	0,91							0,75	2,01	1400
10	SCAX 56 T4 1,1kW	3,46	3,27	3,03	2,64	1,71	1,06							1,1	2,75	1400
11	SCAX 56 T4 1,5kW	4,05	3,87	3,64	3,33	2,63	1,36							1,5	3,65	1400
12	SCAX 56 T6 0,25kW	2,12	1,72	0,82										0,25	0,87	900
13	SCAX 56 T6 0,37kW	2,43	2,07	1,08										0,37	1,23	900
14	SCAX 63 T4 0,75kW	3,31	3,11	2,85	2,52	2,04	1,47	1,02						0,75	2,01	1400
15	SCAX 63 T4 1,1kW	4,09	3,88	3,63	3,32	2,9	2,26	1,56	1,08					1,1	2,75	1400
16	SCAX 63 T4 1,5kW	4,61	4,38	4,12	3,79	3,33	2,62	1,73						1,5	3,65	1400
17	SCAX 63 T4 2,2kW	5,15	4,93	4,66	4,32	3,84	2,91	1,73						2,2	5	1430
18	SCAX 63 T6 0,37kW	2,98	2,55	1,01										0,37	1,23	900
19	SCAX 63 T6 0,55kW	3,33	2,95	2										0,55	1,65	900
20	SCAX 71 T4 1,1kW	4,66	4,37	4,04	3,64	3,13	2,52	1,89	1,31					1,1	2,75	1400
21	SCAX 71 T4 1,5kW	5,53	5,23	4,88	4,46	3,98	3,33	2,61	1,9	1,31				1,5	3,65	1400
22	SCAX 71 T4 2,2kW	6,42	6,13	5,78	5,37	4,87	4,17	3,3	2,35	1,54				2,2	5	1430
23	SCAX 71 T4 3kW	6,98	6,67	6,31	5,89	5,33	4,6	3,55	2,4					3	6,8	1430
24	SCAX 71 T6 0,75kW	4,5	3,92	2,88										0,75	2,3	910
25	SCAX 80 T4 3kW	8,6	8,26	7,86	7,42	6,89	6,25	5,44	4,18	2,1				3	6,8	1430
26	SCAX 80 T4 4kW	9,4	9,1	8,77	8,36	7,89	7,32	6,47	5,06	2,82				4	8,8	1440
27	SCAX 80 T6 0,75kW	5,06	4,5	3,77	2,61									0,75	2,3	910
28	SCAX 80 T6 1,1kW	5,68	5,15	4,45	3,34	1,33								1,1	3,2	910
29	SCAX 80 T6 1,5kW	6,36	5,82	5,08	3,74	1,51								1,5	4	940
30	SCAX 80 T6 2,2kW	6,98	6,41	5,58	3,73									2,2	5,6	940

Axial Fans SCAX

Technical data

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	SCAX 40 T2 1,1kW	58	68	75	80	83	84	84	78	89	74
2	SCAX 40 T4 0,25kW	44	53	60	64	67	68	68	62	74	59
3	SCAX 45 T2 1,5kW	63	74	80	86	89	89	90	83	95	81
4	SCAX 45 T2 2,2kW	60	70	76	82	85	85	85	80	91	74
5	SCAX 45 T4 0,37kW	47	55	61	65	68	68	69	63	76	60
6	SCAX 50 T4 0,55kW	52	61	66	71	73	74	74	68	81	63
7	SCAX 50 T6 0,25kW	43	52	58	63	64	65	65	60	72	54
8	SCAX 56 T4 0,55kW	53	66	72	81	83	80	79	70	87	70
9	SCAX 56 T4 0,75kW	52	60	67	73	76	76	77	70	82	67
10	SCAX 56 T4 1,1kW	53	59	66	73	76	76	77	70	82	67
11	SCAX 56 T4 1,5kW	55	61	68	74	78	78	78	70	84	69
12	SCAX 56 T6 0,25kW	45	56	62	69	71	71	70	62	77	59
13	SCAX 56 T6 0,37kW	47	56	62	67	68	69	70	61	76	60
14	SCAX 63 T4 0,75kW	52	63	72	83	85	81	80	73	88	73
15	SCAX 63 T4 1,1kW	54	60	67	74	77	77	79	71	83	71
16	SCAX 63 T4 1,5kW	56	65	72	78	80	79	81	73	86	69
17	SCAX 63 T4 2,2kW	57	62	69	76	78	79	80	72	85	71
18	SCAX 63 T6 0,37kW	49	56	62	68	71	72	71	65	78	61
19	SCAX 63 T6 0,55kW	49	59	64	68	71	70	72	64	78	62
20	SCAX 71 T4 1,1kW	56	67	79	88	89	86	83	76	93	77
21	SCAX 71 T4 1,5kW	60	64	73	80	83	83	83	74	89	75
22	SCAX 71 T4 2,2kW	60	70	77	82	85	83	83	75	90	73
23	SCAX 71 T4 3kW	60	66	73	79	81	83	83	74	89	74
24	SCAX 71 T6 0,75kW	51	58	64	70	73	74	75	65	80	66
25	SCAX 80 T4 3kW	61	72	77	84	87	87	87	80	92	77
26	SCAX 80 T4 4kW	66	73	79	83	85	86	87	78	94	78
27	SCAX 80 T6 0,75kW	56	66	72	78	82	82	82	73	87	72
28	SCAX 80 T6 1,1kW	52	63	68	75	78	78	78	71	84	68
29	SCAX 80 T6 1,5kW	57	64	70	74	76	77	78	69	85	69
30	SCAX 80 T6 2,2kW	57	65	72	75	77	78	77	71	85	70

Boxed Axial Fans

BOX CAX

Description

Insulated Box c/w Plate axial fan, circular reinforced frame. Cast aluminium impeller.

Modular Motor impeller construction.

Corrosion-resistant powder coat epoxy resin..

ATEX standard asynchronous motor. Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase, motors up to 4kW and 400/690V 50Hz for higher powers. II2G EEx_d IIC T5

IP55 Motor

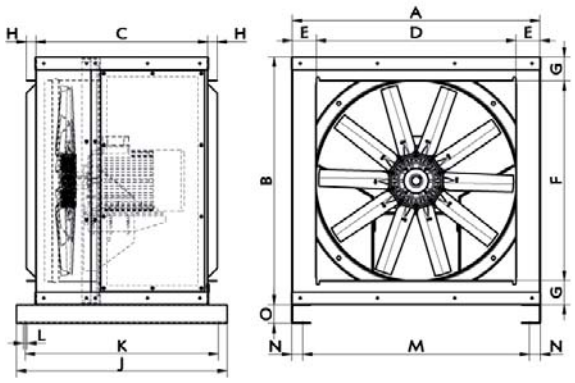
Designed for wall or duct installation, they are suitable for: Ventilation in indoor environments classified as ATEX zone 1. Under request With marking and certificate ATEX II 2G, II 3G o II 3D. In Areas 1(gas), 2(gas) o 22(dust). Maximum working temperature: 50ºC.

In compliance with the 94/9/CE Directive.

Ordering example

BOX CAX	40	T	2	0,25 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Dimensions

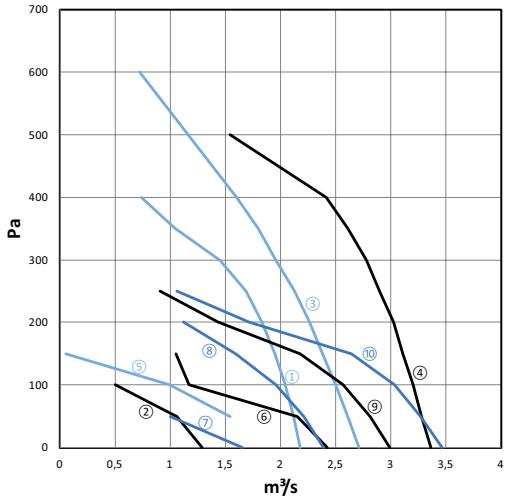


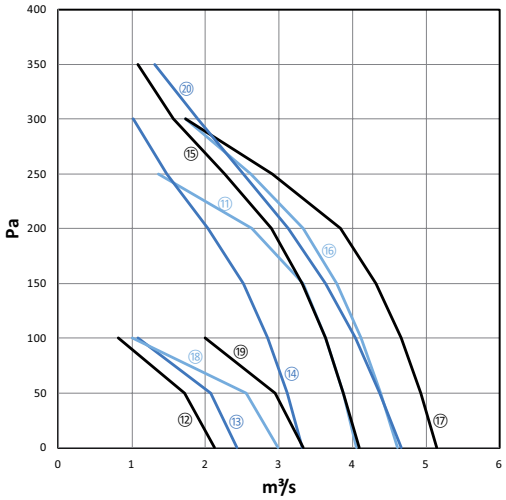
Product	A mm	B mm	C mm	m kg
BOX CAX 40 T4 0,25kW	651	651	467	59
BOX CAX 45 T4 0,37kW	651	651	467	64
BOX CAX 40 T2 1,1kW	651	651	467	67
BOX CAX 50 T6 0,25kW	651	651	467	69
BOX CAX 50 T4 0,55kW	651	651	467	73
BOX CAX 45 T2 1,5kW	651	651	467	78
BOX CAX 45 T2 2,2kW	651	651	467	84
BOX CAX 56 T6 0,37kW	781,5	781,5	542	46
BOX CAX 56 T6 0,25kW	781,5	781,5	542	46
BOX CAX 63 T6 0,37kW	781,5	781,5	542	48
BOX CAX 63 T6 0,55kW	781,5	781,5	542	49
BOX CAX 56 T4 0,55kW	781,5	781,5	542	52
BOX CAX 56 T4 0,75kW	781,5	781,5	542	56
BOX CAX 56 T4 1,1kW	781,5	781,5	542	57
BOX CAX 63 T4 0,75kW	781,5	781,5	542	60
BOX CAX 56 T4 1,5kW	781,5	781,5	542	63
BOX CAX 63 T4 1,1kW	781,5	781,5	542	65
BOX CAX 63 T4 1,5kW	781,5	781,5	542	70
BOX CAX 63 T4 2,2kW	781,5	781,5	542	71
BOX CAX 71 T6 0,75kW	951,5	951,5	557	53
BOX CAX 80 T6 0,75kW	951,5	951,5	557	64
BOX CAX 80 T6 1,5kW	951,5	951,5	557	65
BOX CAX 80 T6 1,1kW	951,5	951,5	557	67
BOX CAX 80 T6 2,2kW	951,5	951,5	557	71
BOX CAX 71 T4 2,2kW	951,5	951,5	557	91
BOX CAX 71 T4 1,1kW	951,5	951,5	557	91
BOX CAX 71 T4 1,5kW	951,5	951,5	557	93
BOX CAX 71 T4 3kW	951,5	951,5	557	95
BOX CAX 80 T4 3kW	951,5	951,5	557	107
BOX CAX 80 T4 4kW	951,5	951,5	557	118

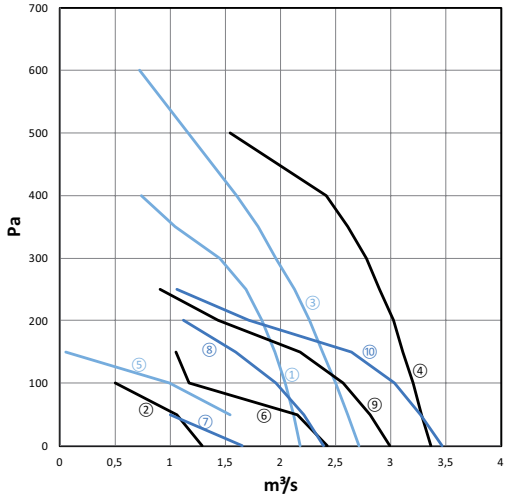
T= 400 volt
M = 230 volt

Boxed Axial Fans BOX CAX

Technical data







Boxed Axial Fans BOX CAX

Technical data

Graph Ref.	Product	m³/s @ Pa												Motor	Amps	Speed
		0	50	100	150	200	250	300	350	400	500	600	800	W	FLC	RPM
1	BOX CAX 40 T2 1,1kW	2,18	2,12	2,04	1,95	1,83	1,69	1,45	1,04	0,74				1,1	2,55	2800
2	BOX CAX 40 T4 0,25kW	1,29	1,06	0,5										0,25	0,83	1400
3	BOX CAX 45 T2 1,5kW	2,71	2,61	2,5	2,38	2,26	2,13	1,96	1,8	1,6	1,16	0,72		1,5	3,48	2800
4	BOX CAX 45 T2 2,2kW	3,36	3,28	3,2	3,11	3,02	2,9	2,78	2,61	2,41	1,54			2,2	4,98	2800
5	BOX CAX 45 T4 0,37kW		1,54	0,99	0,052									0,37	1,12	1400
6	BOX CAX 50 T4 0,55kW	2,42	2,15	1,17	1,05									0,55	1,56	1400
7	BOX CAX 50 T6 0,25kW	1,65	1											0,25	0,87	900
8	BOX CAX 56 T4 0,55kW	2,39	2,21	1,96	1,59	1,12								0,55	1,56	1400
9	BOX CAX 56 T4 0,75kW	2,99	2,81	2,57	2,18	1,43	0,91							0,75	2,01	1400
10	BOX CAX 56 T4 1,1kW	3,46	3,27	3,03	2,64	1,71	1,06							1,1	2,75	1400
11	BOX CAX 56 T4 1,5kW	4,05	3,87	3,64	3,33	2,63	1,36							1,5	3,65	1400
12	BOX CAX 56 T6 0,25kW	2,12	1,72	0,82										0,25	0,87	900
13	BOX CAX 56 T6 0,37kW	2,43	2,07	1,08										0,37	1,23	900
14	BOX CAX 63 T4 0,75kW	3,31	3,11	2,85	2,52	2,04	1,47	1,02						0,75	2,01	1400
15	BOX CAX 63 T4 1,1kW	4,09	3,88	3,63	3,32	2,9	2,26	1,56	1,08					1,1	2,75	1400
16	BOX CAX 63 T4 1,5kW	4,61	4,38	4,12	3,79	3,33	2,62	1,73						1,5	3,65	1400
17	BOX CAX 63 T4 2,2kW	5,15	4,93	4,66	4,32	3,84	2,91	1,73						2,2	5	1430
18	BOX CAX 63 T6 0,37kW	2,98	2,55	1,01										0,37	1,23	900
19	BOX CAX 63 T6 0,55kW	3,33	2,95	2										0,55	1,65	900
20	BOX CAX 71 T4 1,1kW	4,66	4,37	4,04	3,64	3,13	2,52	1,89	1,31					1,1	2,75	1400
21	BOX CAX 71 T4 1,5kW	5,53	5,23	4,88	4,46	3,98	3,33	2,61	1,9	1,31				1,5	3,65	1400
22	BOX CAX 71 T4 2,2kW	6,42	6,13	5,78	5,37	4,87	4,17	3,3	2,35	1,54				2,2	5	1430
23	BOX CAX 71 T4 3kW	6,98	6,67	6,31	5,89	5,33	4,6	3,55	2,4					3	6,8	1430
24	BOX CAX 71 T6 0,75kW	4,5	3,92	2,88										0,75	2,3	910
25	BOX CAX 80 T4 3kW	8,6	8,26	7,86	7,42	6,89	6,25	5,44	4,18	2,1				3	6,8	1430
26	BOX CAX 80 T4 4kW	9,4	9,1	8,77	8,36	7,89	7,32	6,47	5,06	2,82				4	8,8	1440
27	BOX CAX 80 T6 0,75kW	5,06	4,5	3,77	2,61									0,75	2,3	910
28	BOX CAX 80 T6 1,1kW	5,68	5,15	4,45	3,34	1,33								1,1	3,2	910
29	BOX CAX 80 T6 1,5kW	6,36	5,82	5,08	3,74	1,51								1,5	4	940
30	BOX CAX 80 T6 2,2kW	6,98	6,41	5,58	3,73									2,2	5,6	940

Boxed Axial Fans BOX CAX

Technical data

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	BOX CAX 40 T2 1,1kW	26	40	56	67	71	73	76	66	77	64
2	BOX CAX 40 T4 0,25kW	28	43	58	67	73	74	77	67	78	65
3	BOX CAX 45 T2 1,5kW	19	36	49	61	64	65	68	57	70	57
4	BOX CAX 45 T2 2,2kW	29	45	59	70	75	77	78	68	80	67
5	BOX CAX 45 T4 0,37kW	22	40	53	62	66	67	70	60	73	59
6	BOX CAX 50 T4 0,55kW	30	47	60	70	77	79	80	69	81	70
7	BOX CAX 50 T6 0,25kW	38	56	69	77	82	84	85	74	89	75
8	BOX CAX 56 T4 0,55kW	25	43	56	65	72	73	77	65	77	65
9	BOX CAX 56 T4 0,75kW	30	47	60	68	74	75	76	65	80	66
10	BOX CAX 56 T4 1,1kW	13	30	43	53	59	59	60	52	64	50
11	BOX CAX 56 T4 1,5kW	15	32	45	59	61	64	67	57	67	56
12	BOX CAX 56 T6 0,25kW	19	36	49	58	64	65	67	58	69	56
13	BOX CAX 56 T6 0,37kW	19	36	49	59	65	65	67	58	70	57
14	BOX CAX 63 T4 0,75kW	21	39	52	60	65	65	69	61	72	57
15	BOX CAX 63 T4 1,1kW	22	39	52	62	68	68	69	61	73	59
16	BOX CAX 63 T4 1,5kW	24	41	54	64	71	72	73	61	75	63
17	BOX CAX 63 T4 2,2kW	28	45	58	69	77	77	80	72	80	69
18	BOX CAX 63 T6 0,37kW	25	43	57	70	77	74	77	67	78	67
19	BOX CAX 63 T6 0,55kW	24	38	55	67	72	73	75	66	76	64
20	BOX CAX 71 T4 1,1kW	32	49	62	70	75	75	76	68	82	66
21	BOX CAX 71 T4 1,5kW	25	39	60	75	78	76	80	69	80	69
22	BOX CAX 71 T4 2,2kW	28	39	58	71	76	75	79	68	79	68
23	BOX CAX 71 T4 3kW	27	42	57	68	73	76	77	67	78	66
24	BOX CAX 71 T6 0,75kW	31	44	61	77	83	80	84	72	84	74
25	BOX CAX 80 T4 3kW	31	49	62	74	79	80	82	73	83	71
26	BOX CAX 80 T4 4kW	31	45	61	74	80	79	83	71	83	72
27	BOX CAX 80 T6 0,75kW	33	50	63	72	79	81	82	70	84	71
28	BOX CAX 80 T6 1,1kW	34	51	64	74	81	81	85	74	85	74
29	BOX CAX 80 T6 1,5kW	37	55	68	78	86	86	88	82	89	78
30	BOX CAX 80 T6 2,2kW	32	50	63	72	79	79	82	73	83	71

Inline Centrifugal LRFX

Description

LRFX is an explosion-proof rectangular duct fan with ATEX-certification. The European quality and safety standard for explosion-proof fans is called ATEX.

LRFX is a safe choice for numerous applications in hazardous lacations. The inlet cone is manufactured in non-sparking copper and the motor is an ATEX-approved external rotor motor.

All LRFX have 3-phase motors and forward curved impellers. They have a rigid housing made of pre-galvanized steel. And least but not last all LRFX have swing-out motor and impeller assembly for safe, easy maintenance and cleaning.

IP44 Motor

In compliance with the 94/9/CE Directive.....

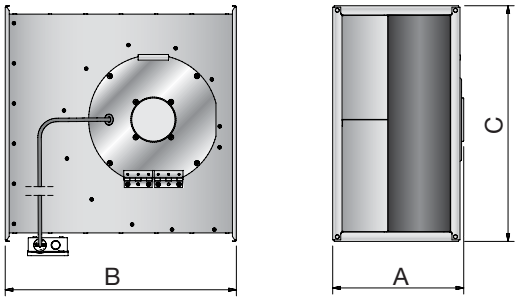
Ordering example

LRFX **500×250**

Product

Size

Dimensions

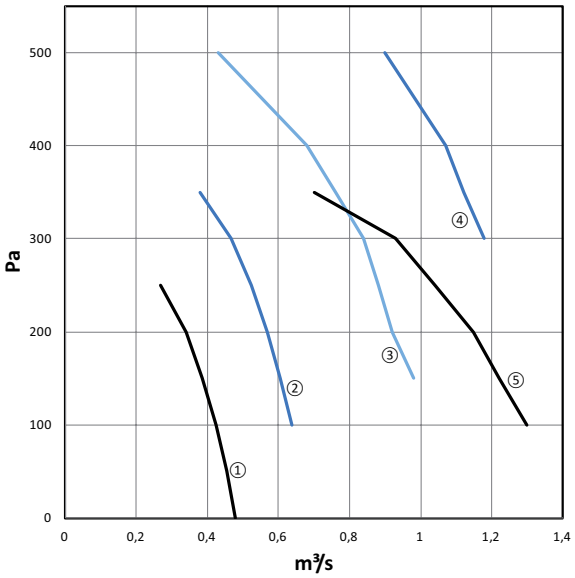


Product	A mm	B mm	C mm	m kg
LRFX 500x250	314	532	543	18,0
LRFX 500X300	364	562	543	21,4
LRFX 600X300	364	642	643	34,8
LRFX 600X350	414	717	643	43,0
LRFX 700X400	468	787	743	49,5

All fans are 400 volt.

Inline Centrifugal LRFX

Technical data



Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	Motor W	Amps FLC	Speed RPM
1	LRFX 500X250	0,479	0,453	0,423	0,386	0,339	0,267					530	0,92	1280
2	LRFX 500X300			0,638	0,606	0,568	0,524	0,466	0,379			800	1,5	1240
3	LRFX 600X300				0,98	0,92	0,88	0,84	0,76	0,68	0,34	1500	5,3	1340
4	LRFX 600X350							1,18	1,12	1,07	0,9	2000	6,8	1370
5	LRFX 700X400			1,3	1,22	1,15	1,04	0,93	0,7			1400	4,3	799

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	LRFX 500X250	37	43	56	58	58	54	49	44	63	57
2	LRFX 500X300	36	46	56	53	59	52	51	45	62	56
3	LRFX 600X300	49	54	59	59	63	60	57	53	67	61
4	LRFX 600X350	47	56	60	59	64	61	60	56	68	62
5	LRFX 700X400	44	53	53	55	57	54	52	47	62	55

Roof Fan RFX

Description

Centrifugal roof fan with cowl made of UV resistant polystyrene. Structure, roof base support and bird protection guard made of galvanised steel. High efficiency backward curved impellers of galvanised steel. Vertical discharge option available.

Standard asynchronous motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 230V 50Hz in single phase motors, 230/400V 50Hz in three phase motors and 400V 50Hz in 2 speed motors.

Specially designed for roof installation, they are suitable for:

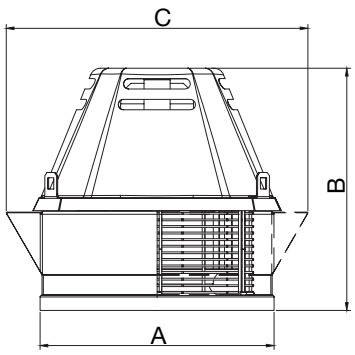
- Smoke extraction.
- Smoke emergency exhaust with motor outside the hazardous area (400ºC/2h certificate).
- Industrial and professional kitchen hoods.
- Maximum continuous operation temperature: 80ºC.

ATEX Classification to be advised.

Ordering example

RFX	355	M	4	0,37 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Dimensions

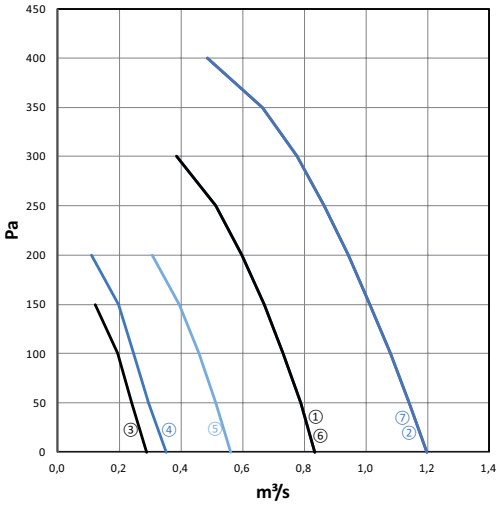


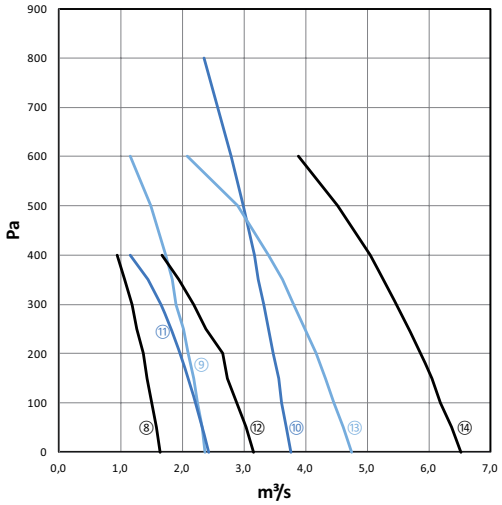
Product	A mm	B mm	C mm	m kg
RFX 250 T4 0,37KW	450	407	576	17
RFX 280 T4 0,37KW	450	426	576	20
RFX 315 T4 0,37KW	450	465	576	24
RFX 355 M4 0.37KW	600	561	850	38
RFX 355 T4 0,37KW	600	561	850	39
RFX 400 T4 0,37KW	600	617	850	40
RFX 400 M4 0,37KW	600	617	850	40
RFX 450 T4 0,75KW	600	642	850	45
RFX 500 T4 1,1KW	800	809	1190	75
RFX 585 T6 0,75KW	800	825	1190	81
RFX 585 T4 3KW	800	825	1190	89
RFX 630 T6 1,5KW	800	863	1190	87
RFX 710 T6 2,2KW	950	1000	1430	101
RFX 800 T6 4KW	950	1044	1430	118

T= 400 volt
M = 230 volt

Roof Fan RFX

Technical data





Technical data

Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	RFX 355 M4 0,37KW	0,833	0,788	0,731	0,670	0,597	0,511	0,386						370	2,74	1400
2	RFX 400 M4 0,37KW	1,199	1,139	1,080	1,011	0,943	0,864	0,775	0,663	0,487				370	2,74	1400
3	RFX 250 T4 0,37KW	0,290	0,241	0,196	0,122									370	1,04	1400
4	RFX 280 T4 0,37KW	0,353	0,294	0,247	0,197	0,110								370	1,04	1400
5	RFX 315 T4 0,37KW	0,561	0,514	0,458	0,394	0,308								370	1,04	1400
6	RFX 355 T4 0,37KW	0,833	0,788	0,731	0,670	0,597	0,511	0,386						370	1,04	1400
7	RFX 400 T4 0,37KW	1,199	1,139	1,080	1,011	0,943	0,864	0,775	0,663	0,487				370	1,04	1400
8	RFX 450 T4 0,75KW	1,642	1,578	1,508	1,432	1,359	1,266	1,177	1,067	0,936				750	1,71	1400
9	RFX 500 T4 1,1KW	2,373	2,319	2,246	2,182	2,096	2,018	1,895	1,841	1,735	1,493	1,154		1100	2,53	1400
10	RFX 585 T4 3KW	3,759	3,686	3,611	3,557	3,469	3,396	3,316	3,233	3,163	2,994	2,793	2,352	3000	5,94	1400
11	RFX 585 T6 0,75KW	2,422	2,323	2,214	2,091	1,950	1,818	1,657	1,444	1,154				750	1,97	900
12	RFX 630 T6 1,5KW	3,158	3,029	2,883	2,724	2,654	2,388	2,182	1,942	1,664				1500	3,78	900
13	RFX 710 T6 2,2KW	4,742	4,610	4,464	4,319	4,173	3,983	3,810	3,628	3,401	2,896	2,076		2200	5,36	900
14	RFX 800 T6 4KW	6,524	6,369	6,192	6,042	5,864	5,674	5,469	5,264	5,046	4,523	3,875		4000	8,74	900

Lindab®

Roof Fan RFX

Technical data

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	RFX 355 M4 0,37KW	48	60	59	59	54	61	51	58	65	62
2	RFX 400 M4 0,37KW	51	63	62	62	57	64	53	61	68	62
3	RFX 250 T4 0,37KW	40	51	51	50	46	53	42	50	57	62
4	RFX 280 T4 0,37KW	42	53	53	52	48	55	44	52	59	40
5	RFX 315 T4 0,37KW	45	56	56	55	51	58	47	55	62	43
6	RFX 355 T4 0,37KW	48	60	59	59	55	61	51	58	65	46
7	RFX 400 T4 0,37KW	51	63	62	62	58	65	54	61	68	49
8	RFX 450 T4 0,75KW	56	67	67	66	62	69	58	65	72	54
9	RFX 500 T4 1,1KW	59	70	70	69	65	72	61	69	76	57
10	RFX 585 T4 3KW	62	73	73	72	68	75	64	72	79	60
11	RFX 585 T6 0,75KW	53	64	64	63	59	66	55	63	70	51
12	RFX 630 T6 1,5KW	57	69	68	68	63	70	59	67	74	55
13	RFX 710 T6 2,2KW	61	72	72	71	67	74	63	70	77	59
14	RFX 800 T6 4KW	64	76	75	75	71	68	67	74	81	63

Centrifugal Fan CFSX

Description

Centrifugal medium pressure ATEX fan.

Rolling steel sheet housing.

Cast aluminium impeller.

Epoxy powder finishing coat.

Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation and ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz.

Standard position LG 270.

Designed for inline installation, they are suitable for: eneral ventilation in closed environments classified as ATEX zone 2.

Maximum working temperature from -20ºC to 80ºC.

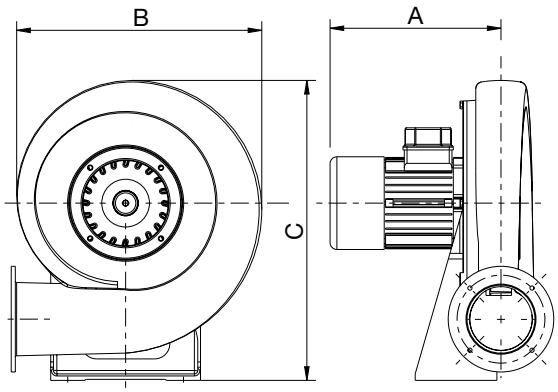
In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

ATEX for different categories avaiable under request.

Ordering example

CFSX	26	T	2	0,37 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Dimensions

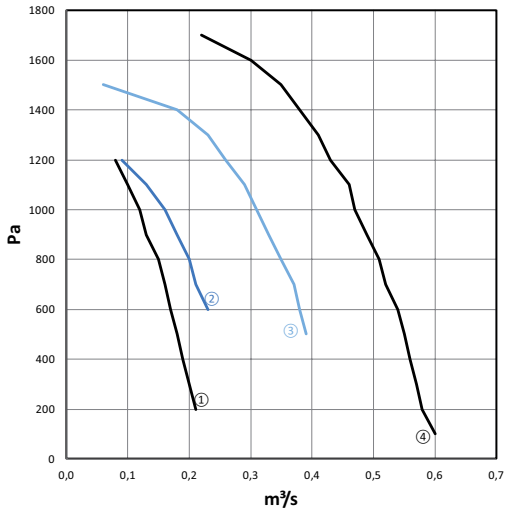


Product	A mm	B mm	C mm	m kg
CFSX 26 T2 0,37kW	240	353	402	13,0
CFSX 27 T2 0,55kW	250	368	428	14,0
CFSX 28 T2 1,1kW	275	393	468	20,0
CFSX 31 T2 2,2kW	320	428	513	30,0

T= 400 volt
M = 230 volt

Centrifugal Fan CFSX

Technical data

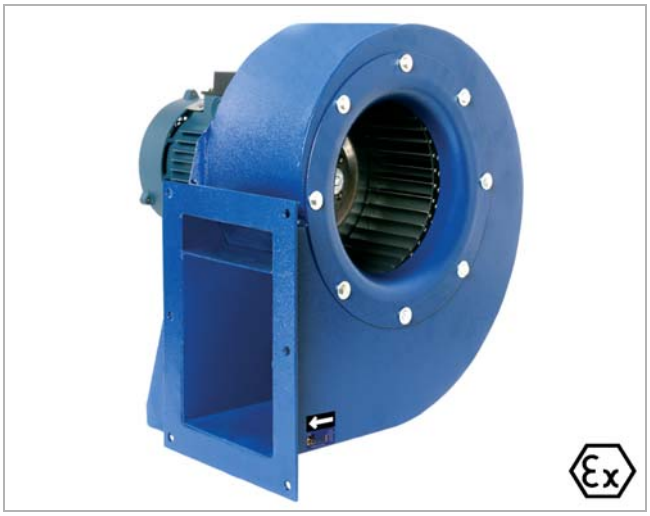


Graph Ref.	Product	m³/s @ Pa 100	200	300	400	500	600	700	800	900	1000	1100	1200
1	CFSX 26 T2 0,37kW		0,210	0,200	0,190	0,180	0,170	0,160	0,150	0,130	0,120	0,100	0,080
2	CFSX 27 T2 0,55kW						0,230	0,210	0,200	0,180	0,160	0,130	0,090
3	CFSX 28 T2 1,1kW					0,390	0,380	0,370	0,350	0,330	0,310	0,290	0,260
4	CFSX 31 T2 2,2kW	0,600	0,580	0,570	0,560	0,550	0,540	0,520	0,510	0,490	0,470	0,460	0,430

Graph Ref.	Product	m³/s @ Pa 1300	1400	1500	1600	1700	Motor W	Amps FLC	Speed RPM
1	CFSX 26 T2 0,37kW						0,37	0,95	2800
2	CFSX 27 T2 0,55kW						0,55	1,35	2800
3	CFSX 28 T2 1,1kW	0,230	0,180	0,060			1,10	2,55	2800
4	CFSX 31 T2 2,2kW	0,410	0,380	0,350	0,300	0,220	2,20	4,98	2800

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	CFSX 26 T2 0,37kW	36	58	73	79	83	80	75	66	87	69
2	CFSX 27 T2 0,55kW	38	60	76	81	85	82	77	68	89	73
3	CFSX 28 T2 1,1kW	41	63	78	84	88	85	80	71	92	75
4	CFSX 31 T2 2,2kW	44	66	82	87	91	88	83	74	95	78

Centrifugal Fan CFLX



Description

Centrifugal medium pressure ATEX fan.
Rolling steel sheet housing.
Completely joined or welded housing.
Simple inlet forward curved impeller made of aluminium.
Epoxy powder finishing coat.
Inlet sparkproof ring made of copper or aluminium.
Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

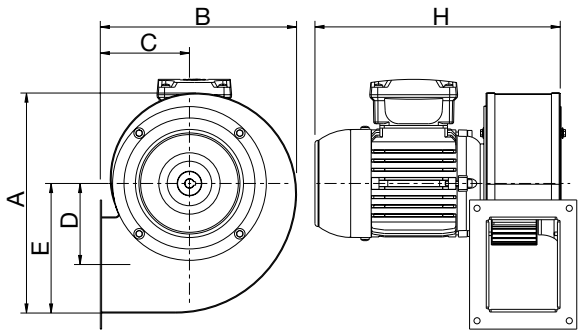
APPLICATIONS

Designed for inline installation, they are suitable for:
General ventilation in closed environments classified as ATEX zone 2 or 22.
Maximum air working temperature from -20ºC to 80ºC.
ATEX for different categories avaiable under request.
In compliance with the 94/9/CE Directive. ATEX II2G built.
Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Ordering example

CFLX	16/6	T	2	0,37 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Dimensions

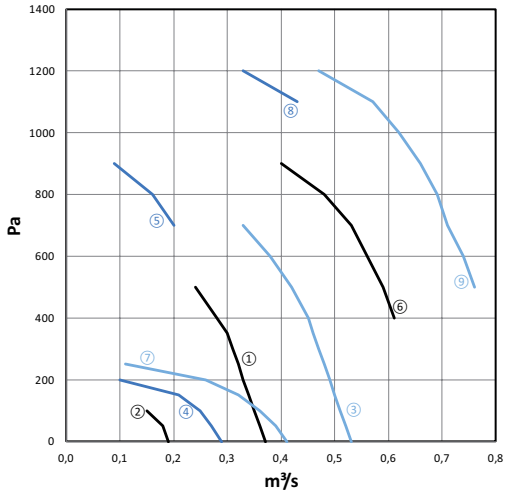


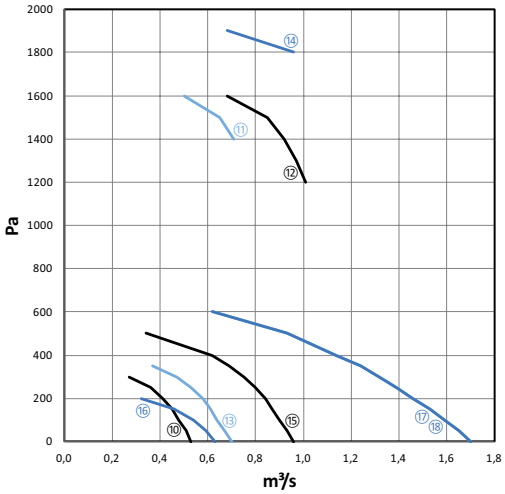
Product	A mm	B mm	C mm	m kg
CFLX 16/6 T4 0,18kW	293	254	118	9,5
CFLX 16/6 T2 0,37kW	293	254	118	9,5
CFLX 20/6 T2 0,37kW	347	300	128	14,0
CFLX 18/7 T4 0,25kW	347	302	128	10,0
CFLX 18/7 T2 0,75kW	347	302	128	15,0
CFLX 20/8 T4 0,37kW	375	321	138	15,0
CFLX 20/8 T2 1,1kW	375	321	138	19,0
CFLX 22/9 T4 0,55kW	452	386	181	22,0
CFLX 22/9 T2 1,1kW	452	386	181	24,0
CFLX 22/9 T2 2,2kW	452	386	181	30,0
CFLX 25/10 T2 2,2kW	501	425	197	32,0
CFLX 25/10 T4 1,1kW	501	425	197	33,0
CFLX 25/10 T2 3kW	501	425	197	38,0
CFLX 28/11 T6 0,75kW	553	471	216	37,0
CFLX 28/11 T4 2,2kW	553	471	216	44,0
CFLX 28/11 T2 4kW	553	471	216	46,0
CFLX 31/12 T4 3kW	644	528	246	57,0
CFLX 31/12 T4 4kW	644	528	246	59,0
CFLX 35/14 T4 3kW	718	584	267	63,0
CFLX 35/14 T4 5,5kW	718	584	267	76,0
CFLX 40/16 T6 2,2kW	795	649	300	94,0
CFLX 40/16 T4 5,5kW	795	649	300	101,0
CFLX 45/18 T6 2,2kW	885	728	326	112,0
CFLX 45/18 T4 5,5kW	885	728	326	116,0
CFLX 45/18 T4 7,5kW	885	728	326	119,0
CFLX 45/18 T4 11kW	885	728	326	190,0

T= 400 volt
M = 230 volt

Centrifugal Fan CFLX

Technical data





Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	700
1	CFLX 16/6 T2 0,37kW	0,370	0,360	0,350	0,340	0,330	0,320	0,310	0,300	0,280	0,240		
2	CFLX 16/6 T4 0,18kW	0,190	0,180	0,150									
3	CFLX 18/7 T2 0,75kW	0,530	0,520	0,510	0,500	0,490	0,480	0,470	0,460	0,450	0,420	0,380	0,330
4	CFLX 18/7 T4 0,25kW	0,290	0,270	0,250	0,210	0,100							
5	CFLX 20/6 T2 0,37kW												0,200
6	CFLX 20/8 T2 1,1kW									0,610	0,590	0,560	0,530
7	CFLX 20/8 T4 0,37kW	0,410	0,390	0,360	0,320	0,260	0,110						
8	CFLX 22/9 T2 1,1kW												
9	CFLX 22/9 T2 2,2kW										0,760	0,740	0,710
10	CFLX 22/9 T4 0,55kW	0,530	0,510	0,480	0,450	0,410	0,360	0,270					
11	CFLX 25/10 T2 2,2kW												
12	CFLX 25/10 T2 3kW												
13	CFLX 25/10 T4 1,1kW	0,700	0,760	0,640	0,610	0,580	0,530	0,470	0,370				
14	CFLX 28/11 T2 4kW												
15	CFLX 28/11 T4 2,2kW	0,960	0,930	0,900	0,870	0,840	0,800	0,750	0,690	0,620	0,340		
16	CFLX 28/11 T6 0,75kW	0,630	0,590	0,540	0,460	0,320							
17	CFLX 31/12 T4 3kW	1,700	1,650	1,590	1,530	1,460	1,390	1,320	1,240	1,140	0,930	0,620	
18	CFLX 31/12 T4 4kW	1,700	1,650	1,590	1,530	1,460	1,390	1,320	1,240	1,140	0,930	0,620	
19	CFLX 35/14 T4 3kW									1,800	1,710	1,600	1,450
20	CFLX 35/14 T4 5,5kW	2,270	2,230	2,190	2,150	2,100	2,050	2,000	1,940	1,880	1,740	1,570	1,340
21	CFLX 40/16 T4 5,5kW												
22	CFLX 40/16 T6 2,2kW								1,990	1,920	1,740		
23	CFLX 45/18 T4 5,5kW	Contact Lindab for airflow data											
24	CFLX 45/18 T4 7,5kW	Contact Lindab for airflow data											
25	CFLX 45/18 T4 11kW												
26	CFLX 45/18 T6 2,2kW	Contact Lindab for airflow data											

Centrifugal Fan CFLX

Technical data

Graph Ref.	Product	m³/s @ PA											
		800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
1	CFLX 16/6 T2 0,37kW												
2	CFLX 16/6 T4 0,18kW												
3	CFLX 18/7 T2 0,75kW												
4	CFLX 18/7 T4 0,25kW												
5	CFLX 20/6 T2 0,37kW	0,160	0,090										
6	CFLX 20/8 T2 1,1kW	0,480	0,400										
7	CFLX 20/8 T4 0,37kW												
8	CFLX 22/9 T2 1,1kW				0,430	0,330							
9	CFLX 22/9 T2 2,2kW	0,690	0,660	0,620	0,570	0,470							
10	CFLX 22/9 T4 0,55kW												
11	CFLX 25/10 T2 2,2kW							0,710	0,650	0,500			
12	CFLX 25/10 T2 3kW					1,010	0,970	0,920	0,850	0,680			
13	CFLX 25/10 T4 1,1kW												
14	CFLX 28/11 T2 4kW											0,960	0,680
15	CFLX 28/11 T4 2,2kW												
16	CFLX 28/11 T6 0,75kW												
17	CFLX 31/12 T4 3kW												
18	CFLX 31/12 T4 4kW												
19	CFLX 35/14 T4 3kW	1,160											
20	CFLX 35/14 T4 5,5kW	1,000											
21	CFLX 40/16 T4 5,5kW					2,430	2,160						
22	CFLX 40/16 T6 2,2kW												
23	CFLX 45/18 T4 5,5kW												
24	CFLX 45/18 T4 7,5kW												
25	CFLX 45/18 T4 11kW				3,820	3,690	3,530	3,340	3,040				
26	CFLX 45/18 T6 2,2kW												

Centrifugal Fan CFLX

Technical data

Graph Ref.	Product	Motor kW	Amps FLC	Speed RPM
1	CFLX 16/6 T2 0,37kW	0,37	0,95	2800
2	CFLX 16/6 T4 0,18kW	0,18	0,65	1400
3	CFLX 18/7 T2 0,75kW	0,75	1,75	2800
4	CFLX 18/7 T4 0,25kW	0,25	0,83	1400
5	CFLX 20/6 T2 0,37kW	0,37	0,95	2800
6	CFLX 20/8 T2 1,1kW	1,10	2,55	2800
7	CFLX 20/8 T4 0,37kW	0,37	1,12	1400
8	CFLX 22/9 T2 1,1kW	1,10	2,55	2800
9	CFLX 22/9 T2 2,2kW	2,20	4,98	2800
10	CFLX 22/9 T4 0,55kW	0,55	1,56	1400
11	CFLX 25/10 T2 2,2kW	2,20	4,98	2800
12	CFLX 25/10 T2 3kW	3,00	6,40	2800
13	CFLX 25/10 T4 1,1kW	1,10	2,75	1400
14	CFLX 28/11 T2 4kW	4,00	8,20	2890
15	CFLX 28/11 T4 2,2kW	2,20	5,00	1400
16	CFLX 28/11 T6 0,75kW	0,75	2,30	910
17	CFLX 31/12 T4 3kW	3,00	6,80	1430
18	CFLX 31/12 T4 4kW	4,00	8,80	1440
19	CFLX 35/14 T4 3kW	3,00	6,80	1430
20	CFLX 35/14 T4 5,5kW	5,50	12,00	1440
21	CFLX 40/16 T4 5,5kW	5,50	12,00	1440
22	CFLX 40/16 T6 2,2kW	2,20	5,60	940
23	CFLX 45/18 T4 5,5kW	5,50	12,00	1440
24	CFLX 45/18 T4 7,5kW	7,50	15,00	1440
25	CFLX 45/18 T4 11kW	11,00	20,90	1440
26	CFLX 45/18 T6 2,2kW	2,20	5,60	940

Centrifugal Fan CFLX

Technical data

Graph Ref.	Product	Sound Power Level (Breakout) 63	125	250	500	1K	2K	4K	8K	Power dB(A)	dB(A) @ 3m
1	CFLX 16/6 T2 0,37kW	48	60	71	74	76	80	75	73	84	66
2	CFLX 16/6 T4 0,18kW	46	59	65	66	71	72	68	65	77	60
3	CFLX 18/7 T2 0,75kW	51	62	73	76	78	82	78	76	86	69
4	CFLX 18/7 T4 0,25kW	48	61	67	68	73	74	70	67	79	61
5	CFLX 20/6 T2 0,37kW	49	60	71	74	76	80	76	74	84	67
6	CFLX 20/8 T2 1,1kW	53	65	76	79	81	85	80	79	89	72
7	CFLX 20/8 T4 0,37kW	51	64	70	71	76	77	73	70	82	64
8	CFLX 22/9 T2 1,1kW	46	57	68	71	73	77	73	71	81	66
9	CFLX 22/9 T2 2,2kW	56	67	78	81	83	87	83	81	91	76
10	CFLX 22/9 T4 0,55kW	54	66	73	74	79	80	76	72	85	70
11	CFLX 25/10 T2 2,2kW	53	64	75	78	80	84	80	78	88	73
12	CFLX 25/10 T2 3kW	57	68	79	83	85	88	84	82	92	78
13	CFLX 25/10 T4 1,1kW	54	67	73	74	79	80	76	73	85	70
14	CFLX 28/11 T2 4kW	61	72	83	86	88	92	88	86	96	81
15	CFLX 28/11 T4 2,2kW	60	73	79	80	85	86	82	79	91	76
16	CFLX 28/11 T6 0,75kW	51	64	70	71	76	77	73	70	81	64
17	CFLX 31/12 T4 3kW	58	71	77	78	83	84	80	77	89	74
18	CFLX 31/12 T4 4kW	58	71	77	78	83	84	80	77	89	74
19	CFLX 35/14 T4 3kW	60	73	79	80	85	86	82	79	91	76
20	CFLX 35/14 T4 5,5kW	59	72	78	79	84	85	81	78	90	75
21	CFLX 40/16 T4 5,5kW	63	76	82	83	88	89	85	82	94	79
22	CFLX 40/16 T6 2,2kW	56	68	71	79	79	80	76	72	85	71
23	CFLX 45/18 T4 5,5kW	72	85	91	92	97	98	94	91	103	85
24	CFLX 45/18 T4 7,5kW	73	86	92	93	98	99	95	92	104	86
25	CFLX 45/18 T4 11kW	71	84	90	91	96	97	93	90	102	87
26	CFLX 45/18 T6 2,2kW	60	73	76	84	84	85	80	76	90	76

Corrosion resistant fans

Lindab®

Content

Centrifugal fan

CRCF

Description

Centrifugal Corrosion resistant fans are made from single block strong high density UV treated and recyclable polypropylene (PPH) with no welded joint. Reversible and rotable to any the 8 standard discharge positions by 45° increments. All fan mounting hardware in stainless steel.

Forward curved centrifugal type impeller made, of injection molded PPH. Fan wheel supplied with hub cap constructed of PPH. Wheels electronically and dynamically balanced to ISO 1940.

Direct drive, asynchronous, single or three phase, IP55. Single speed: three phase 230/400 V-50/60Hz, single phase 230V-50Hz.

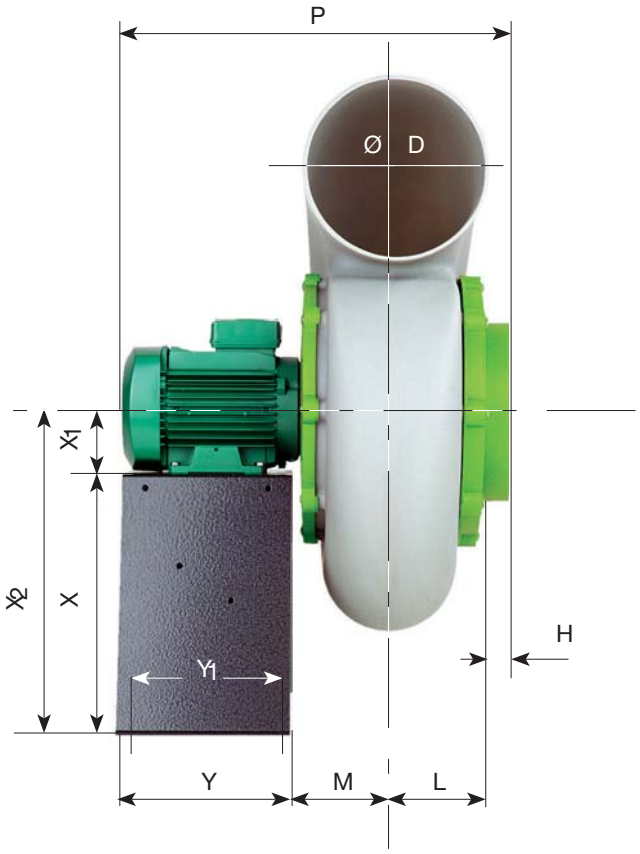
Motor is outside the airstream. Three phase motors speed adjustable by variable frequency inverter drive.

Ordering example

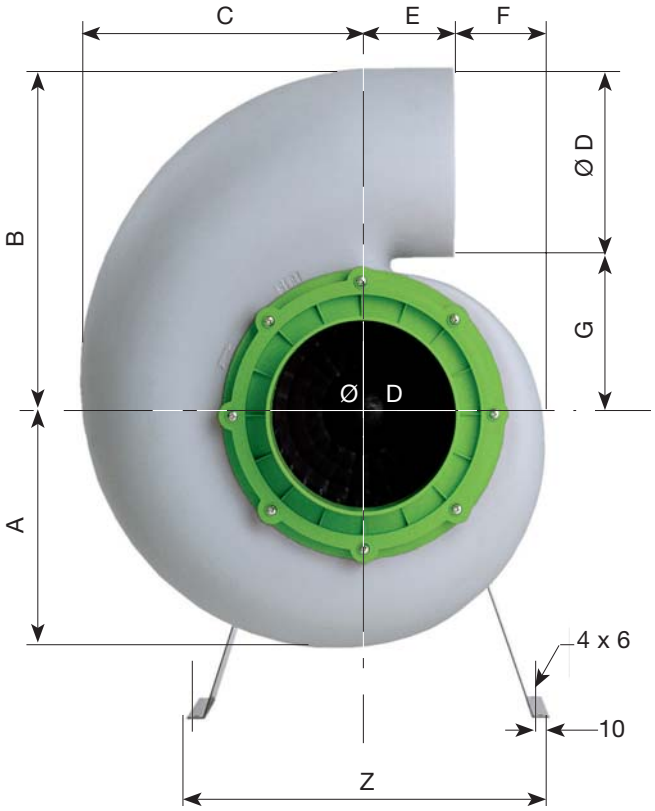
CRCF	160	M	4	0,25 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Centrifugal fan CRCF

Dimensions



RD POSITION



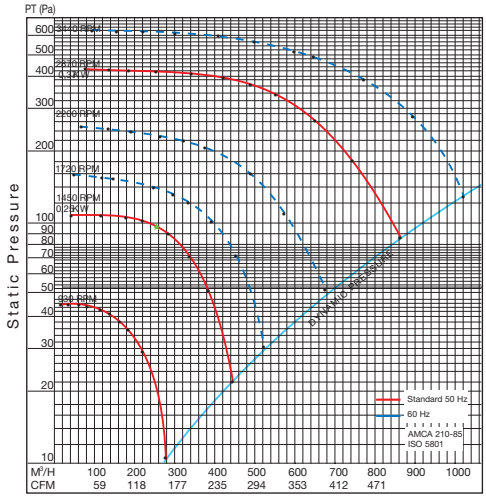
LG POSITION

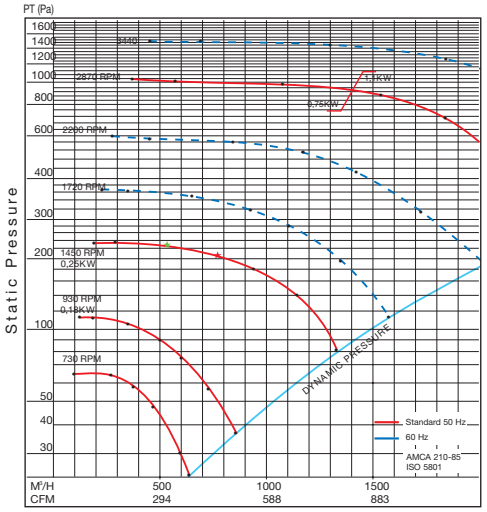
Product	A	B	C	ØD	E	F	G	H	L	M	P	Y	Y_1	Z	X	X_1	X_2
CRCF125	170	240	203	125	100	32	115	30	70	80	360	180	160	340	240	71	311
CRCF160	208	303	240	160	100	57	143	32	84	94	390	180	160	340	240	71	311
CRCF200 (930&1450 rpm)	248	365	310	200	103	92	165	35	95	105	430	180	160	420	300	71	371
CRCF200 (2870 rpm)	248	365	310	200	103	92	165	35	95	105	515	180	160	420	300	90	390
CRCF250 (930 rpm)	300	450	373	250	117	112	198	35	110	120	510	240	220	460	370	80	450
CRCF250 (1450 rpm)	300	450	373	250	117	112	198	35	110	120	540	240	220	460	370	90	460
CRCF315 (930 rpm)	370	570	450	315	130	170	255	60	150	170	724	350	314	600	468	112	580
CRCF315 (1450 rpm)	370	570	450	315	130	170	255	60	150	170	792	350	314	600	468	112	580
CRCF500	500	600	765	550	1315	740	660	610									

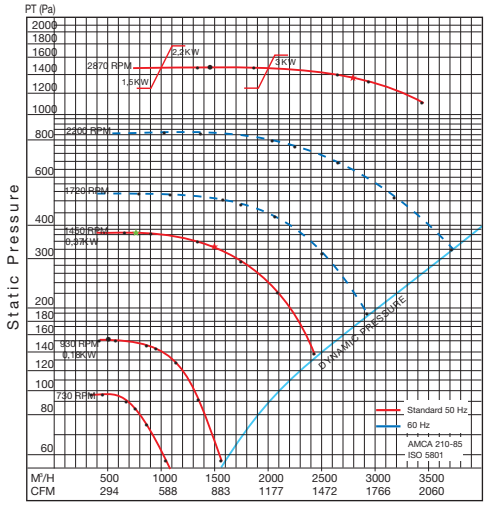
M= 230 volt
T = 400 volt

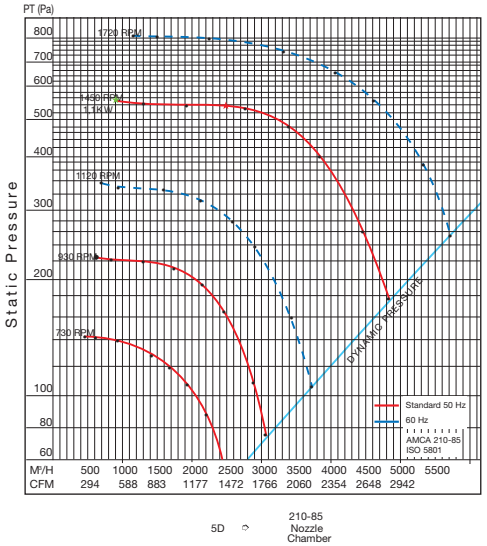
Centrifugal fan CRCF

Technical data



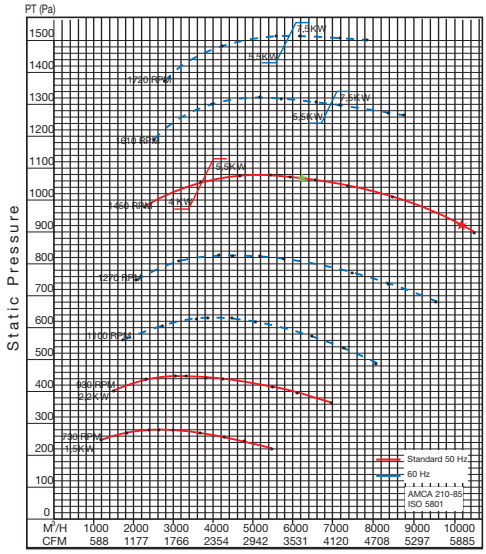


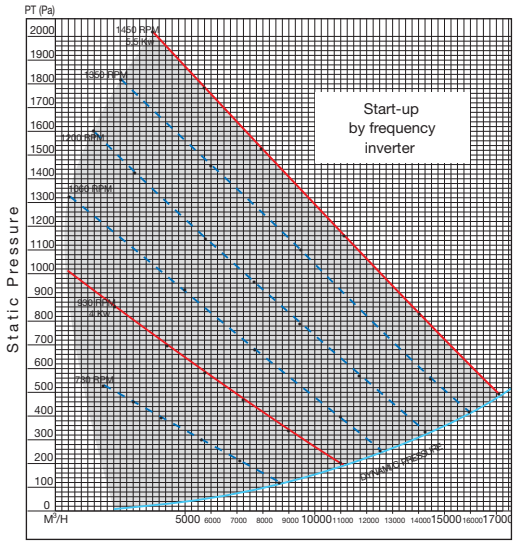




5D

210-85
Nozzle
Chamber





Centrifugal fan CRCF

Technical data

Product	Voltage V	Speed RPM	Motor kW	Amps FLC	m kg
CRCF125 M4 0.25kW	230	1500	0,25	2,5	8,3
CRCF125 M2 0.37kW	230	3000	0,37	3,1	8,1
CRCF160 M4 0.25kW	230	1500	0,25	2,5	9,0
CRCF160 M2 0.75kW	230	3000	0,75	5,4	10,5
CRCF200 M4 0.37kW	230	1500	0,37	3,1	11,9
CRCF250 M4 1.1kW	230	1500	1,1	9,7	13,9
CRCF125 T6 0.18kW	230/400	1000	0,18	1.5/0.85	8,3
CRCF125 T4 0.25kW	230/400	1500	0,25	1.3/0.75	7,7
CRCF125 T2 0.37kW	230/400	3000	0,37	1.7/1.00	8,0
CRCF160 T6 0.18kW	230/400	1000	0,18	1.5/0.85	9,7
CRCF160 T4 0.25kW	230/400	1500	0,25	1.3/0.75	9,0
CRCF160 T2 0.75kW	230/400	3000	0,75	3.2/1.9 1	1,4
CRCF160 T2 1.1kW	230/400	3000	1,1	4.7/2.7 1	5,9
CRCF200 T6 0.18kW	230/400	1000	0,18	1.5/0.85	11,4
CRCF200 T4 0.37kW	230/400	1500	0,37	2.1/1.2	11,5
CRCF200 T4 0.55kW	230/400	1500	0,55	3/1.8	12,3
CRCF200 T2 1.5kW	230/400	3000	1,5	5.9/3.4	22,1
CRCF200 T2 2.2kW	230/400	3000	2,2	8.8/5.1	23,9
CRCF200 T2 3kW	230/400	3000	3	10/3.6	36,0
CRCF250 T6 0.55kW	230/400	1000	0,55	3/1.8	19,6
CRCF250 T4 1.1kW	230/400	1500	1,1	4.7/2.7	23,7
CRCF315 T6 2.2kW	230/400	1000	2,2	9.6/5.5	43,2
CRCF315 T4 5.5kW	230/400	1500	5,5	20.8/11.9	53,0
CRCF315 T4 4kW	230/400	1500	4	14.8/8.5	43,6
CRCF500 T4 4kW	690/400	1200	4	9.5/5.5	215,0

	Sound Power Level (Breakout)					
Product	125	250	500	1K	2K	4K
CRCF125	55,3	51,7	52,1	49,8	41,8	36,9
CRCF160	65,1	64,9	63,8	61	52,3	50,6
CRCF200	70,1	70,8	70,1	69,8	59,8	54,7
CRCF250	75,1	76,5	76,9	73,2	68,5	63,9
CRCF315	74,5	68,2	68,4	67,4	61,2	61,3
CRCF500	73,6	73,7	69	68,6	60,6	60,1

Centrifugal jet fan CRJF

Description

Jet type corrosion resistant fans made from single back strong high density UV treated and recyclable polypropylene (PPH) with no air leakage. All fan mounting hardware in stainless steel.

Forward curved centrifugal type impeller made of injection molded PPH. Fan wheel supplied with motor shaft bushing and hub cap constructed of PPH. Wheels electronically and dynamically balanced to ISO 1940.

Direct drive, asynchronous, single or three phase, IP55. Single speed: three phase 230/400V-50/60 Hz, single phase 230V-50Hz request.

Motor is outside the corrosive airstream and accessible by removal of outer.

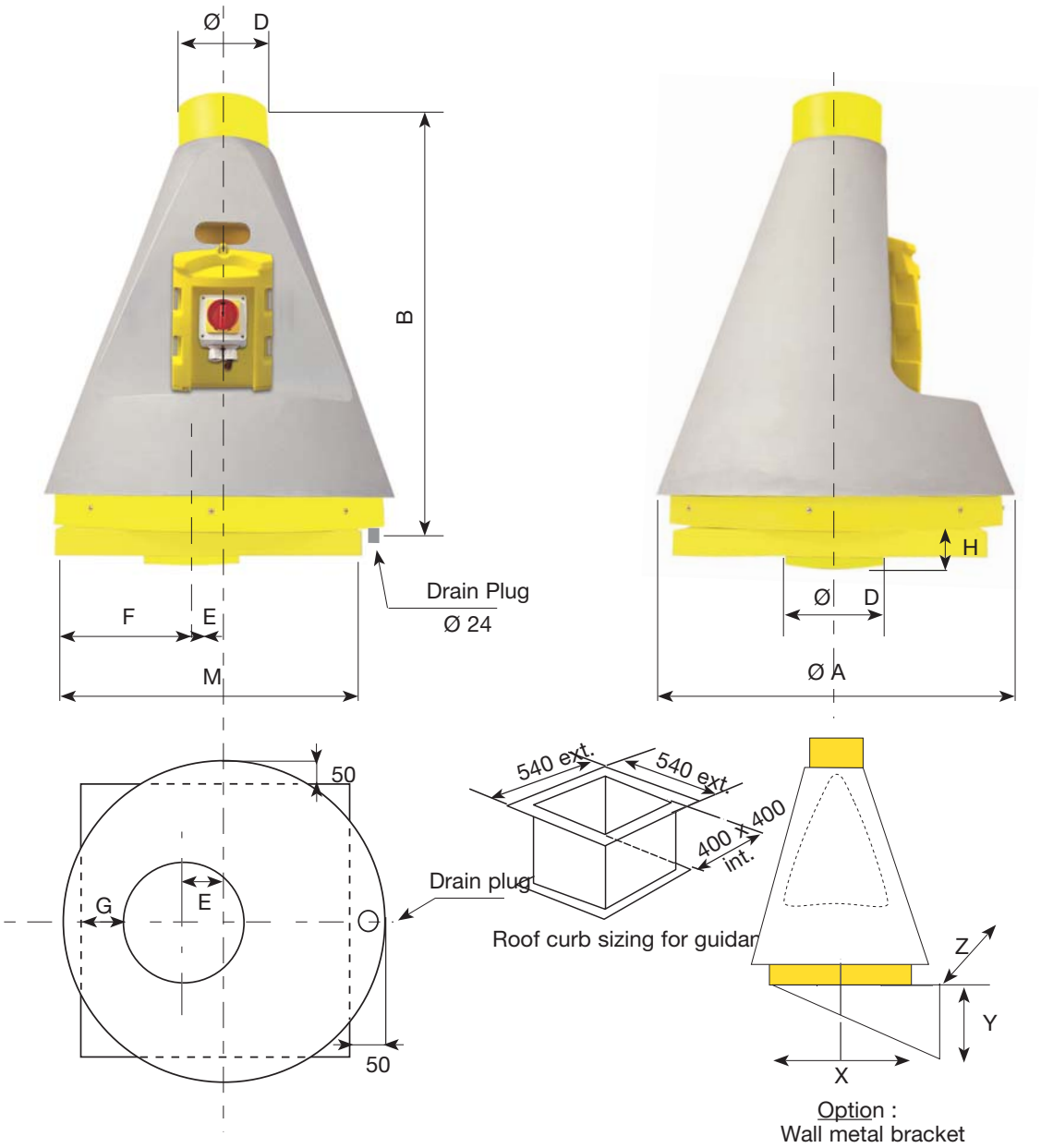
Three phase motors speed adjustable by variable frequency inverter drive.

Ordering example

CRJF	200	M	4	0,37 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Centrifugal jet fan CRJF

Dimensions

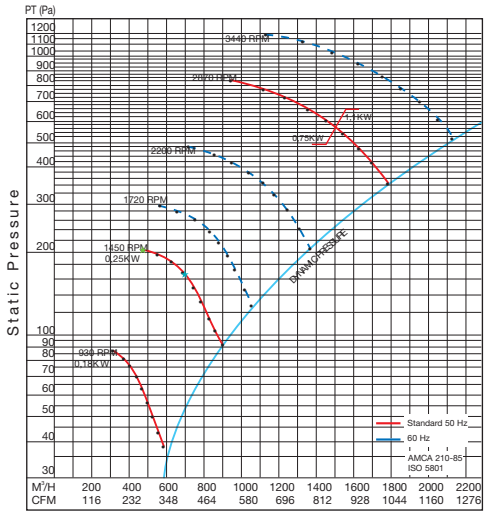


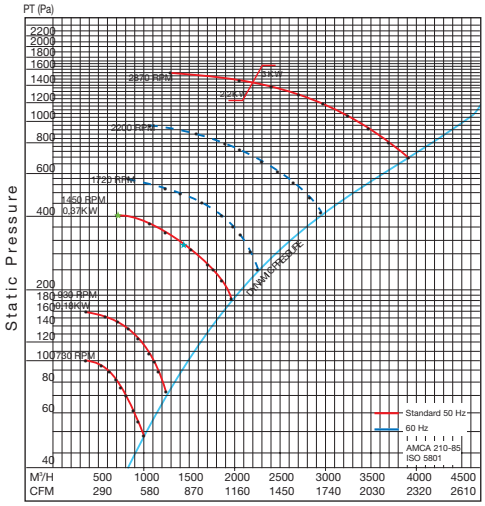
Product	A	B	Ø D	E	F	G	H	X	Y	Z	M
CRJF160	600	800	160	50	250	160	70	280	350	400	540
CRJF200	735	900	200	60	240	145	25	330	350	510	540
CRJF250	880	1040	250	70	200	75	70	400	400	600	540

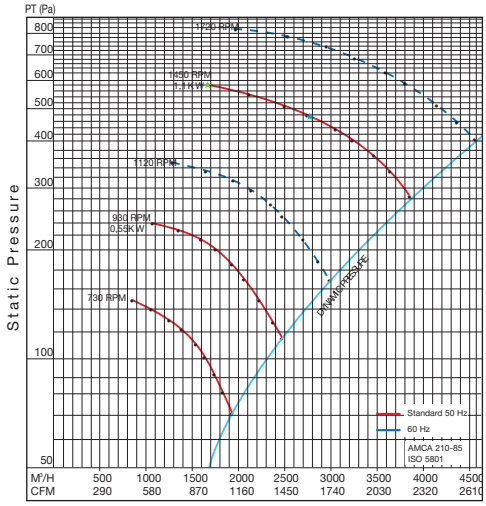
M = 230 volt
T = 400 volt

Centrifugal jet fan CRJF

Technical data







Centrifugal jet fan CRJF

Technical data

Product	Voltage V	Speed RPM	Motor kW	Amps FLC	m kg
CRJF160 M4 0.25kW	230	1500	0,25	2,5	21,4
CRJF160 M2 0.75kW	230	3000	0,75	5,4	22,6
CRJF200 M4 0.37kW	230	1500	0,37	3,1	23
CRJF250 M4 1.5kW	230	1500	1,5	6,87	41,8
CRJF160 T6 0.18kW	230/400	1000	0,18	1.5/0.85	21,7
CRJF160 T4 0.25kW	230/400	1500	0,25	1.7/0.96	21
CRJF160 T2 0.75kW	230/400	3000	0,75	3.2/1.9	23,4
CRJF160 T2 1.1kW	230/400	3000	1,1	4.7/2.7	27,9
CRJF200 T6 0.18kW	230/400	1000	0,18	0.21/0.7	21,4
CRJF200 T4 0.37kW	230/400	1500	0,37	3.1/1.8	21,2
CRJF250 T6 0.55kW	230/400	1000	0,55	3/1.8	41,4
CRJF250 T4 1.1kW	230/400	1500	1,1	4.7/2.7	45,5

	Sound Power Level (Breakout)					
Product	125	250	500	1K	2K	4K
CRJF160	66	69	67	63	58	54
CRJF200	73	71	70	70	62	65
CRJF250	79	78	77	76	72	66

Stainless steel centrifugal CRSF

Description

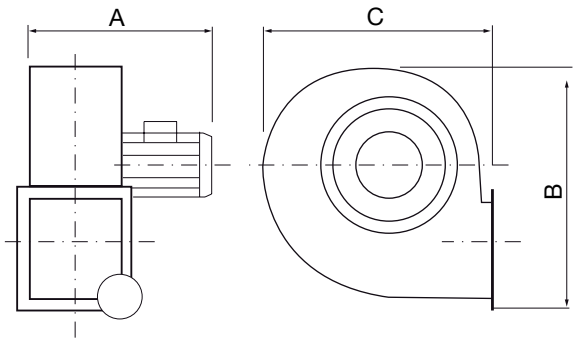
Medium pressure centrifugal fan with forward curved stainless steel impeller and welded stainless steel AISI 304 housing. Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.

Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

Designed for inline installation, they are suitable for Industrial applications, extraction or injection of air, Cooling of machines and parts, Clean air transport and Corrosive air transport.

Maximum working temperature: carried air: 130°C, ambient: 1ph 50°C, 3ph 60°C.

Dimensions



Product	A mm	B mm	C mm	m kg
CRSF 10/5 M2 0,09KW	237	197	170	2,4
CRSF 13/6 M4 0,12kW	282	270	229	4,9
CRSF 13/6 M2 0,18kW	282	270	229	5,3
CRSF 13/8 M4 0,12kW	302	270	229	5,8
CRSF 13/8 M2 0,25kW	302	270	229	9,4
CRSF 16/8 M4 0,12kW	304	329	278	9,0
CRSF 18/8 M4 0,25kW	304	329	278	9,7
CRSF 16/8 M2 0,37kW	329	294	245	6,2
CRSF 18/8 M2 0,55kW	329	329	278	10,2
CRSF 20/10 M4 0,25kW	334	400	345	11,0
CRSF 20/10 M2 1,1kW	384	360	345	19,0
CRSF 25/13 M4 0,55kW	434	510	425	24,0
CRSF 25/13 M2 2,2kW	434	510	425	32,0

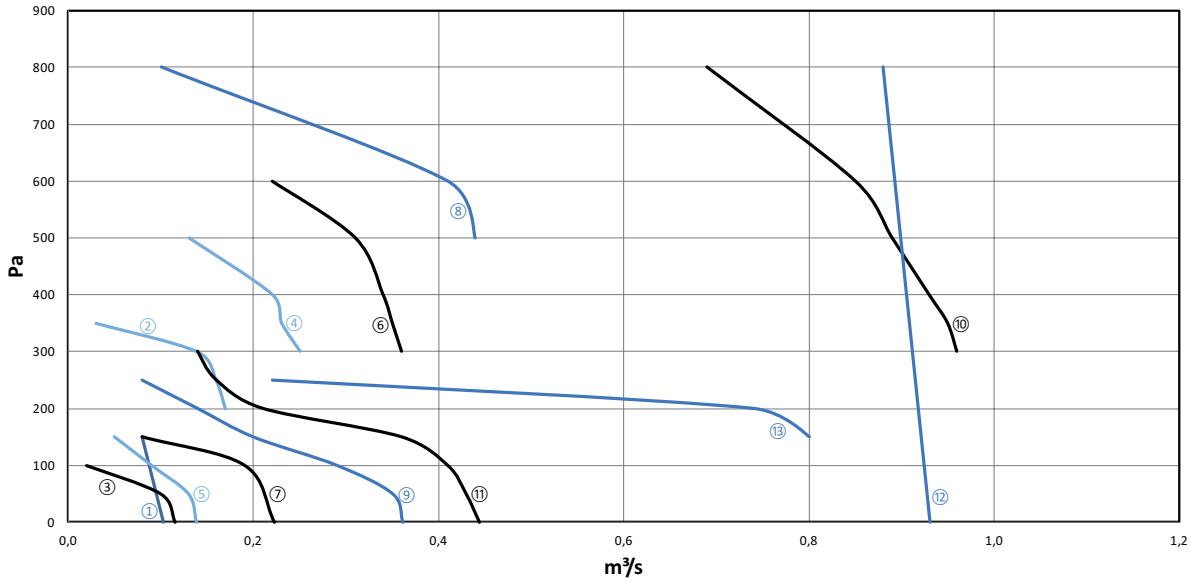
M = 230 volt
T = 400 volt

Ordering example

CRSF	13/6	M4	4	0,18 kW
Product				
Size				
Voltage				
Polarity				
Motor				

Stainless steel centrifugal CRSF

Technical data



Graph Ref.	Product	m³/s @ Pa 0	50	100	150	200	250	300	350	400	500	600	800	Motor W	Amps FLC	Speed RPM
1	CRSF 10/5 M2 0,09KW	0,10			0,08									0,09	0,81	2800
2	CRSF 13/6 M2 0,18kW	0,14				0,17	0,16	0,14	0,03					0,18	1,48	2800
3	CRSF 13/6 M4 0,12kW	0,12	0,1	0,02										0,12	1,1	1400
4	CRSF 13/8 M2 0,25kW	0,25						0,25	0,23	0,22	0,13			0,25	2,73	2800
5	CRSF 13/8 M4 0,12kW	0,14	0,13	0,09	0,05									0,12	1,1	1400
6	CRSF 16/8 M2 0,37kW	0,36						0,36	0,35	0,34	0,31	0,22		0,37	1,96	2800
7	CRSF 16/8 M4 0,12kW	0,22		0,19	0,08									0,12	1,1	1400
8	CRSF 18/8 M2 0,55kW	0,44									0,44	0,41	0,1	0,55	3,88	2800
9	CRSF 18/8 M4 0,25kW	0,36	0,35	0,29	0,2	0,14	0,08							0,25	1,62	1400
10	CRSF 20/10 M2 1,1kW	0,97						0,96	0,95	0,93	0,89	0,85	0,69	1,1	7,02	2800
11	CRSF 20/10 M4 0,25kW	0,44	0,43	0,41	0,36	0,21	0,16	0,14						0,25	4,25	1400
12	CRSF 25/13 M2 2,2kW	0,93											0,88	2,2	8,61	2800
14	CRSF 25/13 M4 0,55kW	0,83			0,8	0,74	0,22							0,55	4,25	1400

Domestic fans

Lindab®

Content

Centrifugal grille fascia CGF

Description

A centrifugal fan to extract air directly through the wall or through a small ducting system. Suitable for wall and ceiling mounting. Comes complete with backdraft shutter to prevent the ingress of air or external odours.
Standard version with options of, Timer, humidity sensor,and PIR sensor. Easy to remove washable filter. Made of ABS material with IPX4 protection.

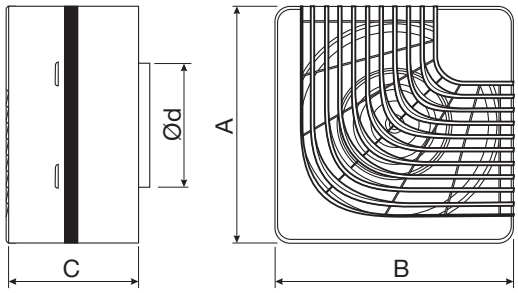
Alternate Versions:

CGF-B	As above
CGF-T	Automatic run on timer with setting of 2-25 minutes
CGF-HT	Automatically starts the fan when the humidity raises above the preset level. Settings available from 40%-90% RH
CGF-PIR	PIR sensor automatically starts the fan when presence is detected within the room

Ordering example

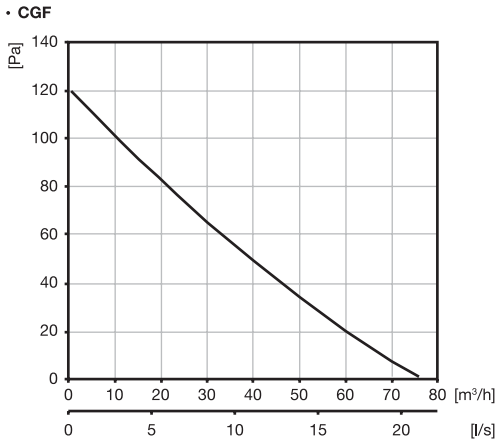
CGF	B
Product	
Version	

Dimensions



Product	A mm	B mm	C mm	Ød mm	m kg
CGF	184	184	101,5	98	0,90

Technical data



Centrifugal grille fascia CGF

Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W	Current A	r.p.m	Maximum air capacity m³/h	Sound pressure level at 3 m dB(A)	Max. operating température °C	SEC class	IP
CGF	50	220–240	19	0,13	2200	75	36	+40	*	X4

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Centrifugal with Heat recovery CSF

Description

Domestic fan with Energy Recovery up to 70%; Ideal for domestic applications and suitable for single room; Wall and/or panel mounting; Heat exchanger in PVC welded plates; Twin centrifugal fan; Polyurethane filters for higher protection and long life; Pre-heating system (PH model) consists of a 350W coil with thermostat fitted in the inlet duct made of self extinguishing material; standard version with options of Timer and Pre-heated for cold climates model. This unit carries an IPX4 rating.

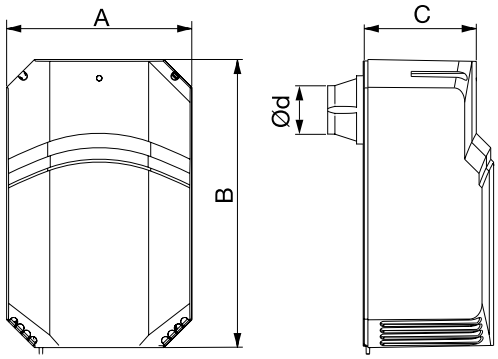
Alternate Versions:

CSF-B	As above
CSF-T	Automatic run on timer with setting of 2-25 minutes
CSF-PH	Available with a pre heater for cooler climates

Ordering example

CSF	B
Product	
Version	

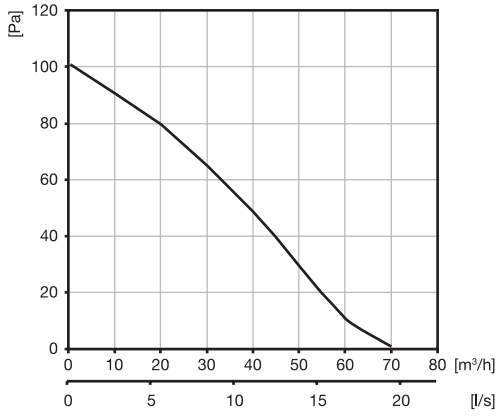
Dimensions



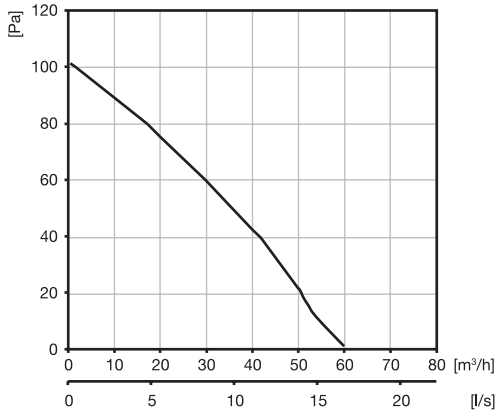
Product	A mm	B mm	C mm	Ød mm	m kg
CSF	257	400	155	95	3,30

Technical data

• CSF - Exhaust



• CSF - Supply



Centrifugal with Heat recovery CSF

Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W	Current A	r.p.m	Maximum air capacity supply m³/h	Maximum air capacity exhaust m³/h	Sound pressure level at 3 m dB(A)	Max. operating température °C	SEC class	IP
CSF-B	50	220–240	40	0,3	2400	60	70	34	-5/+35	*	X4
CSF-T	50	220–240	40	0,3	2400	60	70	34	-5/+35	*	X4
CSF-PH	50	220–240	280	0,3	2400	60	70	34	-25/+35	*	X4

(*): Regulation 1254/2014 does not apply if electric power input per airflow< 30 W

Centrifugal with removable motor CRM

Description

Centrifugal fans to extract air through ducting from Ø80mm; Suitable for wall/ceiling mounting even through ducts in awkward places thanks to the position of the outlet hole in the corner; Double speed; Backdraught shutter to prevent ingress of air and external odours; Simple to remove washable filter; For ducts Ø80-100mm; Standard version with options of, Timer, Humidity model options; Body and grille in white ABS; IPX5 protected (EN 60529), 45°C working temperature; In accordance with Standard EN 60335-2-80.

Alternate Versions

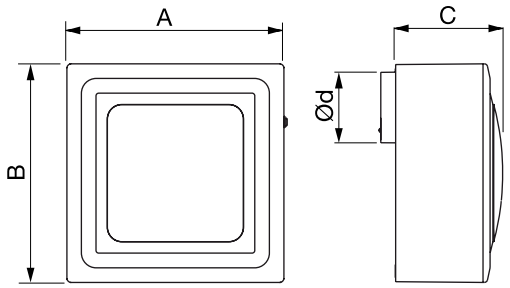
CRMS	Low Performance
CRMM	Medium Performance
CRML	High Performance

CRM(X)-B	As above
CRM(X)-T	Automatic run on timer with setting of 2-25 minutes
CRM(X)-HT	Automatically starts the fan when the humidy raises above the preset level. Settings available from 40%-90% RH

Ordering example

CRM	B
Product	
Version	

Dimensions

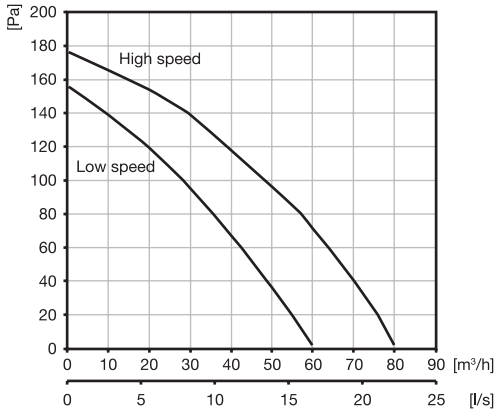


Product	A mm	B mm	C mm	Ød mm	m kg
CRMS	244	244	117	75,5	1,50
CRMM	300	300	148	96,7	2,70
CRML	300	300	148	96,7	2,90

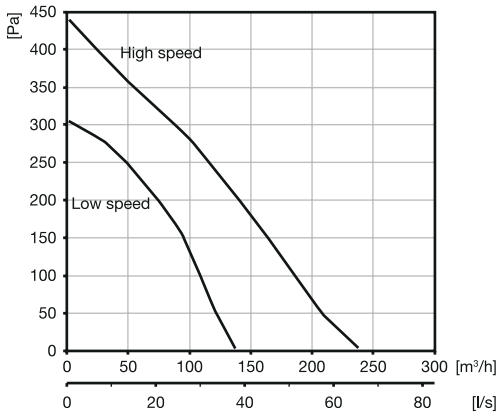
Centrifugal with removable motor CRM

Technical data

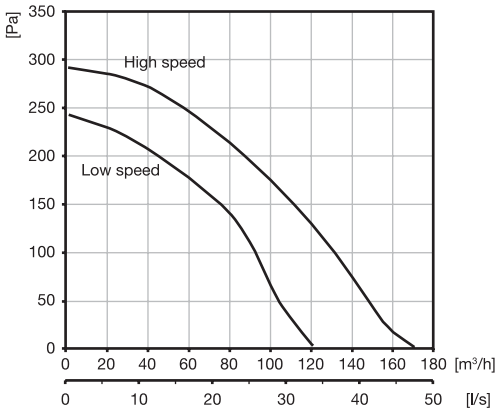
• CRMS



• CRML



• CRMM



Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W		Current A		r.p.m		Maximum air capacity		Sound pressure level at 3 m dB(A)		Max. operating température °C	SEC class	IP
			High speed	Low speed	High speed	Low speed	High speed	Low speed	High speed	Low speed	High speed	Low speed			
CRMS-B	50	220-240	28	18	0,20	0,16	2100	1700	80	60	40	36	+45	*	X5
CRMS-T	50	220-240	28	18	0,20	0,16	2100	1700	80	60	40	36	+45	*	X5
CRMS-HT	50	220-240	28	18	0,20	0,16	2100	1700	80	60	40	36	+45	*	X5
CRMM-B	50	220-240	50	35	0,24	0,21	1900	1450	170	120	42	36	+45	F	X5
CRMM-T	50	220-240	50	35	0,24	0,21	1900	1450	170	120	42	36	+45	F	X5
CRMM-HT	50	220-240	50	35	0,24	0,21	1900	1450	170	120	42	36	+45	D	X5
CRML-B	50	220-240	80	45	0,38	0,31	2400	1450	240	140	47	38	+45	F	X5
CRML-T	50	220-240	80	45	0,38	0,31	2400	1450	240	140	47	38	+45	F	X5
CRML-HT	50	220-240	80	45	0,38	0,31	2400	1450	240	140	47	38	+45	E	X5

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Centrifugal with removable motor- recessed

CRM-R

Description

Centrifugal fans to extract air through ducting from Ø80mm; Suitable for wall/ceiling mounting even through ducts in awkward places thanks to the position of the outlet hole in the corner; Double speed; Backdraught shutter to prevent ingress of air and external odours; Simple to remove washable filter; For ducts Ø80-100mm; Standard version with options of, Timer, Humidity model options; Body and grille in white ABS; IPX5 protected (EN 60529), 45°C working temperature; In accordance with Standard EN 60335-2-80.

Alternate Versions

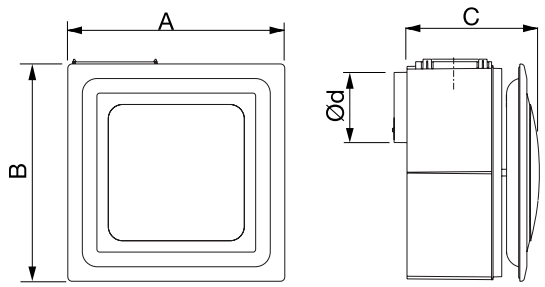
CRMS	Low Performance
CRMM	Medium Performance
CRML	High Performance

CRM(X)-B	As above
CRM(X)-T	Automatic run on timer with setting of 2-25 minutes
CRM(X)-HT	Automatically starts the fan when the humidity raises above the preset level. Settings available from 40%-90% RH

Ordering example

CRM	R	B
Product		
	Recessed	
		Version

Dimensions



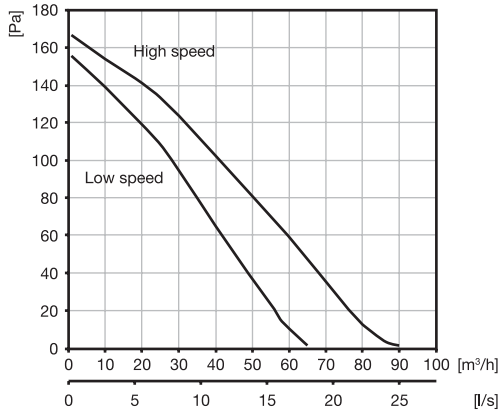
Product	A mm	B mm	C mm	Ød mm	m kg
CRMS-R	244	244	150	75	1,50
CRMM-R	300	300	183	96,7	2,70
CRML-R	300	300	183	96,7	2,90

Centrifugal with removable motor- recessed

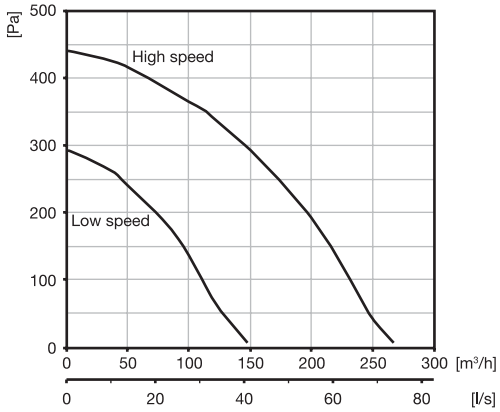
CRM-R

Technical data

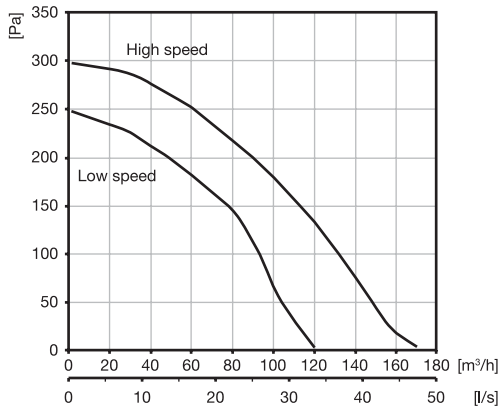
• CRMS-R



• CRML-R



• CRMM-R



Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W		Current A		r.p.m		Maximum air capacity		Sound pressure level at 3 m dB(A)		Max. operating température °C	SEC class	IP
			High speed	Low speed	High speed	Low speed	High speed	Low speed	High speed	Low speed	High speed	Low speed			
CRMS-R-B	50	220-240	28	18	0,2	0,16	2100	1700	90	65	38	34	+45	*	X5
CRMS-R-T	50	220-240	28	18	0,2	0,16	2100	1700	90	65	38	34	+45	*	X5
CRMS-R-HT	50	220-240	28	18	0,2	0,16	2100	1700	90	65	38	34	+45	*	X5
CRMM-R-B	50	220-240	50	35	0,24	0,21	1900	1450	190	125	40	35	+45	F	X5
CRMM-R-T	50	220-240	50	35	0,24	0,21	1900	1450	190	125	40	35	+45	F	X5
CRMM-R-HT	50	220-240	50	35	0,24	0,21	1900	1450	190	125	40	35	+45	D	X5
CRML-R-B	50	220-240	80	45	0,38	0,31	2400	1450	270	150	43	35	+45	F	X5
CRML-R-T	50	220-240	80	45	0,38	0,31	2400	1450	270	150	43	35	+45	F	X5
CRML-R-HT	50	220-240	80	45	0,38	0,31	2400	1450	270	150	43	35	+45	E	X5

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Axial Grille Fascia AGF

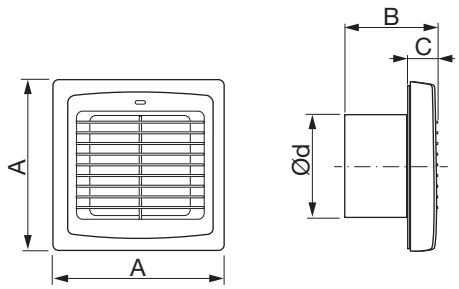
Description

An axial fan with grille fascia to extract the air directly through the wall or ceiling with little or no duct run. Standard version with options of, Timer, humidity sensor and PIR sensor. Made of ABS material and has IP34 protection.

Alternate Versions

AGF(X)-B	As above
AGF(X)-T	Automatic run on timer with setting of 2-30 minutes
AGF(X)-TH	Automatically starts the fan when the humidity raises above the preset level. Settings available from 60%-90% RH

Dimensions



Product	Ød mm	A mm	B mm	C mm	m kg
AGF100	100	166	90	40	0,51
AGF125	125	186	96	40	0,68
AGF150	150	210	112	40	0,80

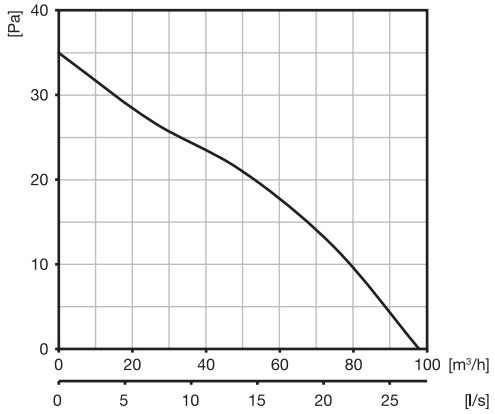
Ordering example

AGF	100	B
Product		
Size		
Version		

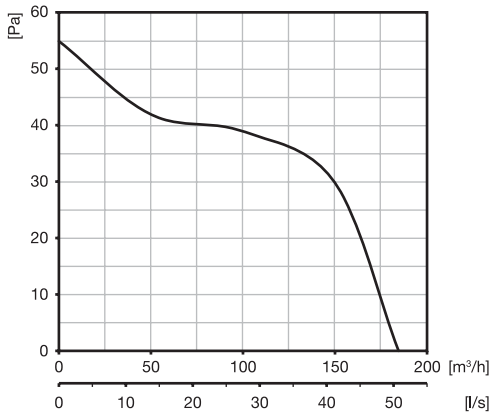
Axial Grille Fascia AGF

Technical data

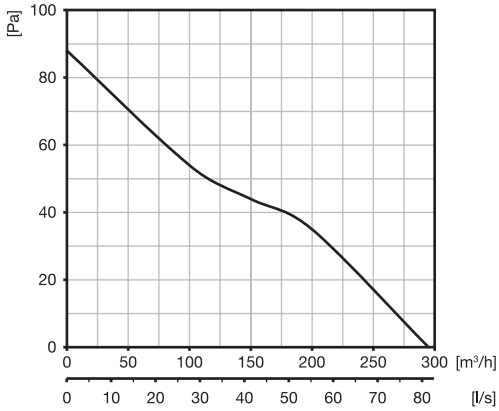
• AGF 100



• AGF 125



• AGF 150



Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W	Current A	r.p.m	Maximum air capacity m³/h	Sound pressure level at 3 m dB(A)	Max. operating température °C	SEC class	IP
AGF 100	50	220-240	14	0,085	2300	98	34	+45	*	34
AGF 125	50	220-240	16	0,100	2400	185	35	+45	*	34
AGF 150	50	220-240	24	0,130	2400	295	39	+45	*	34

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Axial Grille Fascia with shutter AGS

Description

An axial fan with grille fascia to extract the air directly through the wall or ceiling with little or no duct run. Standard version with options of, Timer, humidity sensor and PIR sensor. Made of ABS material and has IP24 protection.

Alternate Versions

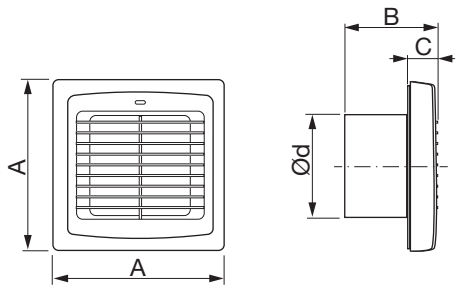
AGS(X)-B	As above
AGS(X)-T	Automatic run on timer with setting of 2-30 minutes
AGS(X)-BH	Automatically starts the fan when the humidity raises above the preset level. Settings available from 60%-90% RH

AGS is equipped with automatic shutter.

Ordering example

AGS	100	B
Product		
Size		
Version		

Dimensions

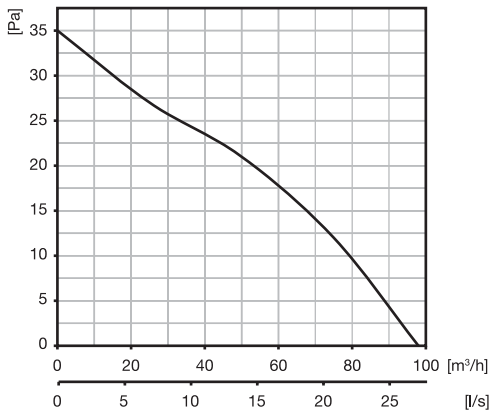


Product	Ød mm	A mm	B mm	C mm	m kg
AGS100	100	166	90	30	0,65
AGS125	125	186	98	33	0,75
AGS150	150	210	115	34	1,02

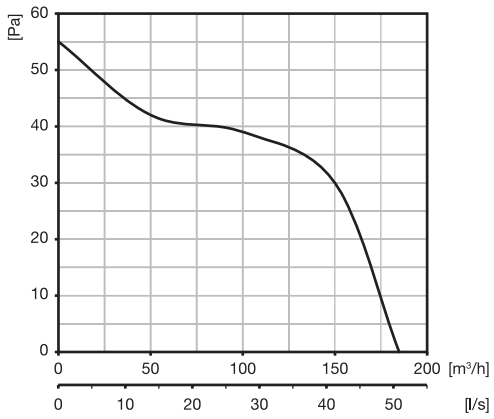
Axial Grille Fascia with shutter AGS

Technical data

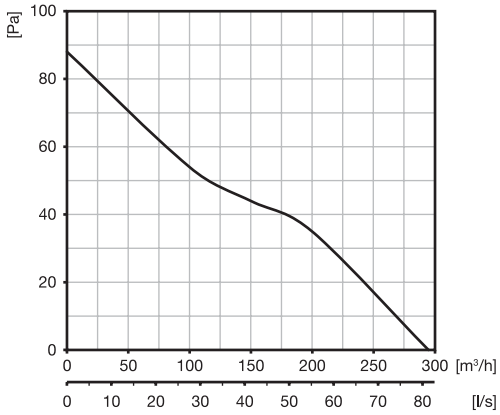
• AGS 100



• AGS 125



• AGS 150



Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W	Current A	r.p.m	Maximum air capacity m³/h	Sound pressure level at 3 m dB(A)	Max. operating température °C	SEC class	IP
AGS 100	50	220-240	18	0,085	2300	98	34	+45	*	24
AGS 125	50	220-240	22	0,100	2400	185	35	+45	*	24
AGS 150	50	220-240	26	0,130	2400	295	39	+45	*	24

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Axial with heat recovery ASHR

Description

The single-room ventilator ASHR with its smooth finish fascia is an easy and effective solution for arranging of decentralized energy saving ventilation in separate rooms, cottages, public and commercial premises.
The fan is designed both for reversible mode with energy regeneration and for supply or extract mode with no regeneration. A hand held controller comes as part of the unit when supplied.
The high-tech ceramic energy accumulator with regeneration efficiency up to 90% is used for extract air heat energy recovery and supply air heating. Due to its cellular structure, the unique energy accumulator has larger air contact area and excellent heat conducting and accumulating properties.
The square telescopic air ducts in the in the ASHR ventilators are made of polymer coated metal lined with insulating material and round air ducts are made of PVC plastic. The telescope length is adjustable to the wall thickness which makes mounting quick and easy. This product has an IP24 rating.

Alternate Versions:

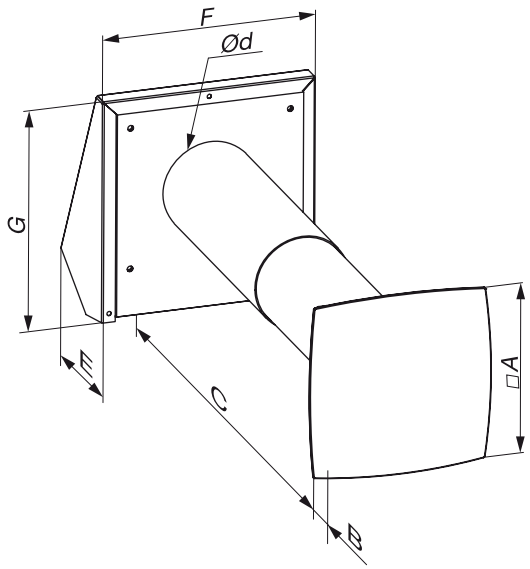
ASHR-100 Comes with 100mm telescopic duct
ASHR-130 Comes with 130mm telescopic duct
ASHR-150 Comes with 150mm telescopic duct

Ordering example

ASHR **100**

Product
Dimension Ød

Dimensions



Product	Ød [mm]	A [mm]	B [mm]	C [mm]	E [mm]	F [mm]	G [mm]	m [kg]
ASHR-100	107	205	50	300–570	133	240	252	4,00
ASHR-130	132	240	80	250–470	130	280	300	3,63
ASHR-150	157	240	80	250–470	137	280	300	5,48

Axial with heat recovery ASHR

Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W			Current A			r.p.m			Maximum air capacity m³/h			Sound pressure level at 3 m dB(A)			Max. operating température °C	SEC class	IP
			Speed 1	Speed 2	Speed 3	Speed 1	Speed 2	Speed 3	Speed 1	Speed 2	Speed 3	Speed 1	Speed 2	Speed 3	Speed 1	Speed 2	Speed 3			
ASHR-100	50/60	230	3,50	3,95	5,32	0,023	0,026	0,036	1190	1330	2420	7	15	24	22	25	33	-20/50	*	24
ASHR-130	50/60	230	3,93	4,39	5,10	0,023	0,026	0,032	745	1075	1670	10	20	30	18	23	28	-20/50	*	24
ASHR-150	50/60	230	3,80	3,96	5,61	0,024	0,026	0,039	610	800	1450	14	28	54	13	20	23	-20/50	*	24

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Axial with Heat Recovery AGHR

Description

The single-room ventilator AGHR with its grille finish fascia is an easy and effective solution for arranging of decentralized energy saving ventilation in separate rooms, cottages, public and commercial premises.
The fan is designed both for reversible mode with energy regeneration and for supply or extract mode with no regeneration. A hand held controller comes as part of the unit when supplied.
The high-tech ceramic energy accumulator with regeneration efficiency up to 90% is used for extract air heat energy recovery and supply air heating. Due to its cellular structure, the unique energy accumulator has larger air contact area and excellent heat conducting and accumulating properties.
The square telescopic air ducts in the AGHR ventilators are made of polymer coated metal lined with insulating material and round air ducts are made of PVC plastic. The telescope length is adjustable to the wall thickness which makes mounting quick and easy. This product has an IP24 rating.

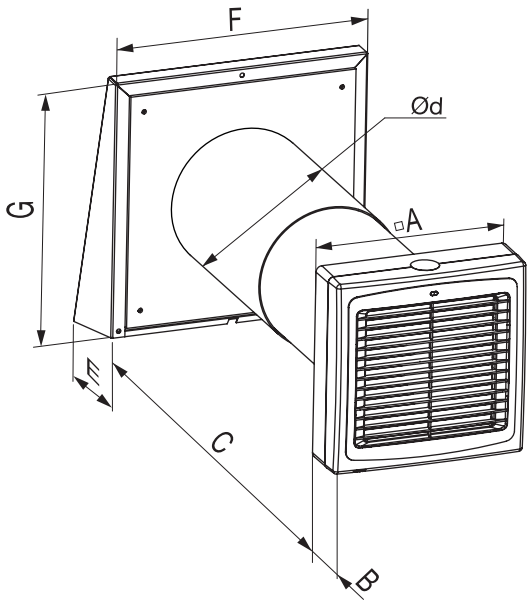
Alternate Versions

AGHR-100 Comes with 100mm telescopic duct
AGHR-130 Comes with 130mm telescopic duct
AGHR-150 Comes with 150mm telescopic duct

Ordering example

	AGHR	100
Product code		
Dimension Ød		

Dimensions



Product	Ød mm	A mm	B mm	C mm	E mm	F mm	G mm	m kg
AGHR-100	107	165	32	300–570	72	203	220	4,00
AGHR-130	132	212	57	240–460	110	280	300	3,63
AGHR-150	157	212	65	240–460	110	280	300	5,48

Axial with Heat Recovery AGHR

Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W			Current A			r.p.m			Maximum air capacity			Sound pressure level at 3 m dB(A)			Max. operating température °C	SEC class	IP
			Speed 1	Speed 2	Speed 3	Speed 1	Speed 2	Speed 3	Speed 1	Speed 2	Speed 3	Speed 1	Speed 2	Speed 3	Speed 1	Speed 2	Speed 3			
AGHR-100	50/60	230	3,50	3,95	5,32	0,023	0,026	0,036	1190	1330	2420	7	15	24	19	22	29	-20/50	*	24
AGHR-130	50/60	230	3,93	4,39	5,10	0,023	0,026	0,032	745	1075	1670	10	20	30	18	23	28	-20/50	*	24
AGHR-150	50/60	230	3,61	3,76	5,33	0,023	0,025	0,037	580	760	1378	13	27	51	19	22	29	-20/50	*	24

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Axial Smooth Fascia ASF

Description

An axial fan with smooth fascia to extract the air directly through the wall or ceiling with little or no duct run. Standard version with options of, Timer, humidity sensor. Made of ABS material and has IP24 protection.

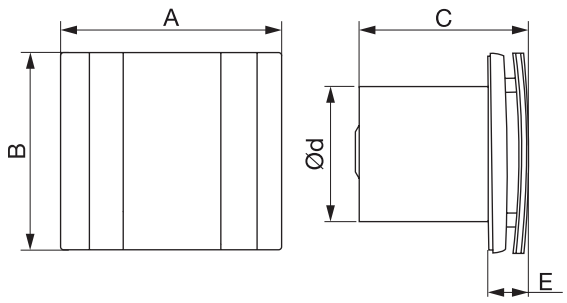
Alternate Versions:

ASF-B	As above
ASF-T	Automatic run on timer with setting of 2-30 minutes
ASF-HT	Automatically starts the fan when the humidity raises above the preset level. Settings available from 60%-90% RH

Ordering example

ASF	100	B
Product		
Size		
Version		

Dimensions

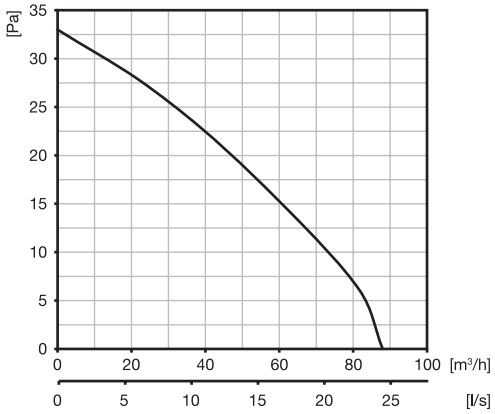


Product	A [mm]	B [mm]	C [mm]	Ød [mm]	E [mm]	m [kg]
ASF100	171	151	128	100	32	0,75
ASF125	201	178	136	125	35	0,98
ASF150	265	207	157	150	38	1,29

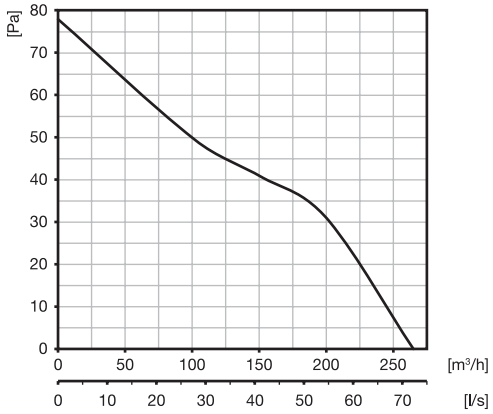
Axial Smooth Fascia ASF

Technical data

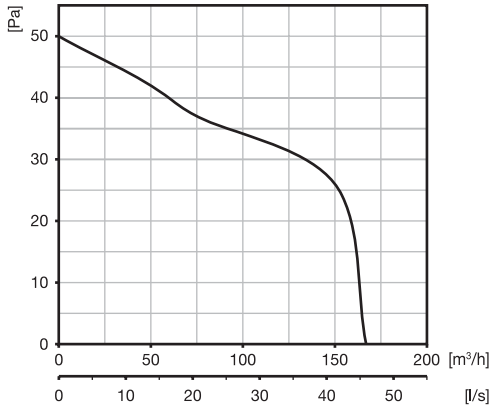
• ASF 100



• ASF 150



• ASF 125



Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W	Current A	r.p.m	Maximum air capacity m³/h	Sound pressure level at 3 m dB(A)	Max. operating température °C	SEC class	IP
ASF 100	50	220-240	14	0,085	2300	88	33	+40	*	24
ASF 125	50	220-240	16	0,100	2400	167	34	+40	*	24
ASF 150	50	220-240	24	0,130	2400	265	37	+40	*	24

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Axial

AOF

Description

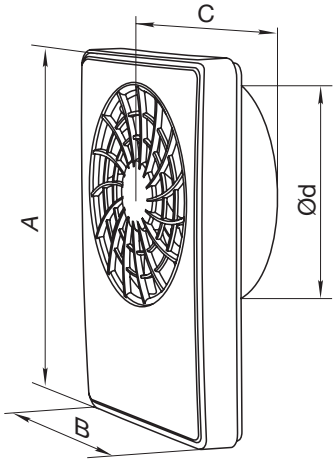
Innovative exhaust fan with stylish design for new comfort level in shower rooms, bathrooms, kitchens and other residential premises. This product has an IP44 rating.
Intellectual integrated control functions let adjust personal settings for the most balanced microclimate.
Unique motor design and aerodynamic impellor profile ensures minimum noise levels with maximum airflows.
The standard model comes with intellectual functions:

- **Humidity mode** – The fan is equipped with an intellectual humidity sensor with three operation modes:
  - SLEEP: the fan is ready to accept a signal from the humidity sensor or external switch.
  - SILENT: optimum humidity extraction mode that provides sufficient air capacity (up to 83 m^3/h) combined with silent operation.
  - MAX: excessive humidity extraction mode with highest speed and maximum air capacity (up to 133 m^3/h).
- **Timer mode** – The fan is equipped with three timers:
  - HUMIDITY TIMER: setting of the fan operation for total humidity extraction after its stabilization (30, 45, 60 min).
  - TURN-OFF TIMER: the fan continues operation for 5, 15 or 30 minutes after activation of the motion sensor or the external switch and then reverts to the previous operation mode.
  - SWITCH DELAY TIMER: adjust the switch delay timer to avoid the fan unnecessary switching if you use your bathroom shortly and frequently. After humidity increases or after signal from the external switch/motion sensor, the fan switches to higher speed not immediately, but after the timer countdown (0, 2 and 5 minutes).
- **Speed mode** – The fan has smooth ten step speed control:
  - for SILENT mode: from 40/33 to 83/72 m^3/h (Ø 125/100 mm);
  - for MAX mode: from 83/72 to 133/106 m^3/h (Ø 125/100 mm);
- **24 Hours mode** – Permanent low-speed operation mode ensures continuous minimum air exchange in the room with air capacity 40/33 m^3/h (Ø 125/100 mm). After humidity change the fan is switched to MAX mode (by default) or SILENT mode. The fan is switched to SILENT mode after signal from the motion sensor or external switch.
- **Automatic interval ventilation** – Integrated function of automatic ventilation switching. Once in 15 hours the fan is switched on for 2 hours to ventilate the premise with air capacity 83/72 m^3/h (Ø 125/100 mm).

Alternate Versions

AOF As Above
AOFC Being equipped with a temperature sensor AOFC can detect a heat level increase and ensure efficient ventilation by balancing warm air streams among spaces. Maximum air capacity up to 133 m^3/h

Dimensions



Product	A mm	B mm	C mm	m kg
AOFC 100/125	206	152	57	0,63
AOF 100/125	206	152	57	0,63

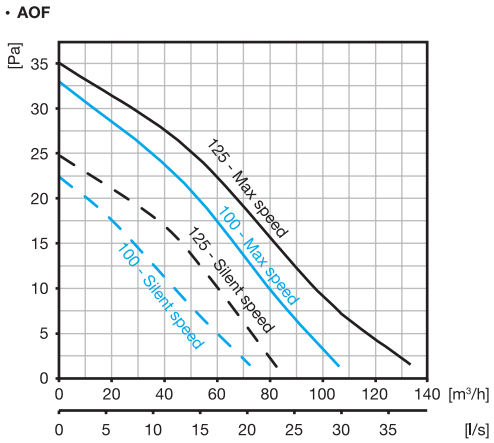
Ordering example

	AOF	100/125
Product code		
Dimension Ød		

Axial AOF

Technical data

• AOF



Product	Connexion diameter mm	Mode	Frequency Hz	Voltage V	Electric Power Input W	Maximum air capacity m³/h	Air Flow Control Range m³/h	Sound pressure level at 3 m dB(A)	Max. operating température °C	SEC class	IP
AOF/AOFC	100	24 hours SILENT MAX	50	230	up to 3.8 W	33 72 106	- 33-72 72-106	17 22 31	+45	*	44
	125	24 hours SILENT MAX	50	230	up to 3.8 W	40 83 133	- 40-83 83-133	17 21 32	+45	*	44

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Inline mixed flow plastic MFP

Description

The MFP fans have wide capabilities and high performance combining the characteristics of axial and centrifugal fans and are specifically designed for supply and exhaust ventilation of premises requiring high pressure, powerful air flow and low noise level.
The fans are compatible with round air ducts from Ø 100 to 315 mm.
The fan casing is made of high quality and durable low-flammable polypropylene.
The removable impeller and motor block with a terminal box is fixed to the casing assembled with the spigots by means of special clamps with latches.
The fan is typically controlled via a standard thyristor controller and has an IPX4 rating.

Alternative Versions:

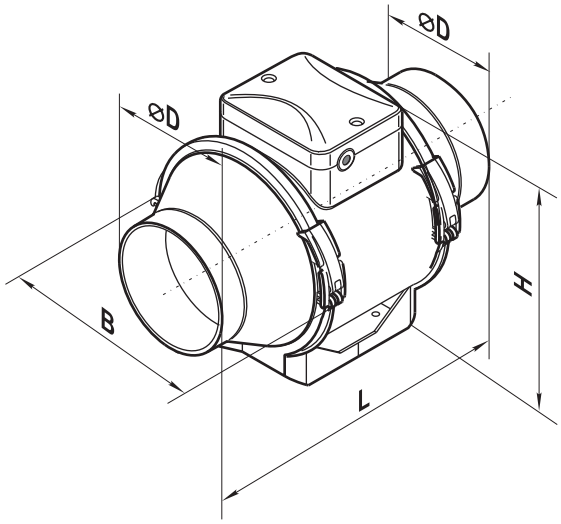
MFP As Above
MFP-T Automatic run on time with setting of 2-30 Minutes

Ordering example

MFP **100**

Product code
Dimension Ød

Dimensions

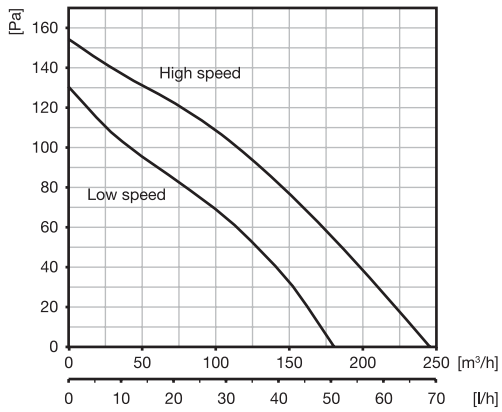


Product	ØD mm	B mm	L mm	H mm	m kg
MFP100	97	196	303	226	1,75
MFP125	123	196	259	226	2,15
MFP150	148	220	289	247	2,30
MFP160	158	220	289	247	2,35
MFP200	199	239	296	261	3,95
MFP250	247	287	383	323	7,80
MFP315	310	362	445	408	12,0

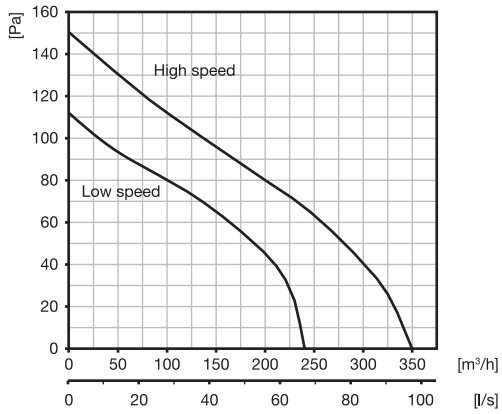
Inline mixed flow plastic MFP

Technical data

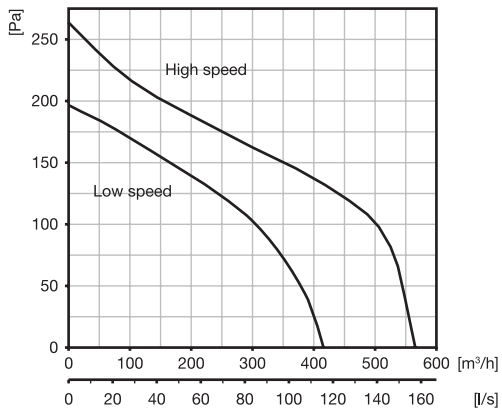
• **MFP 100**



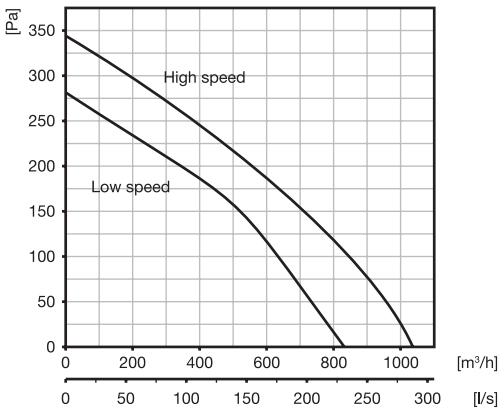
• **MFP 125**



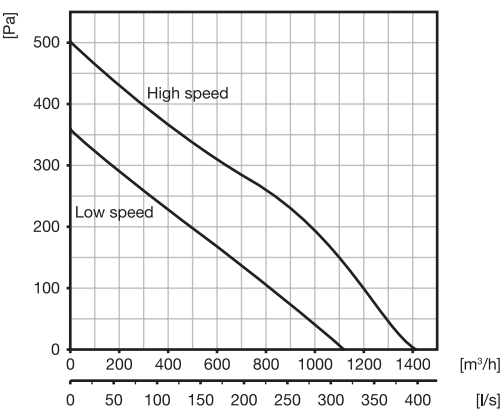
• **MFP 150 - 160**



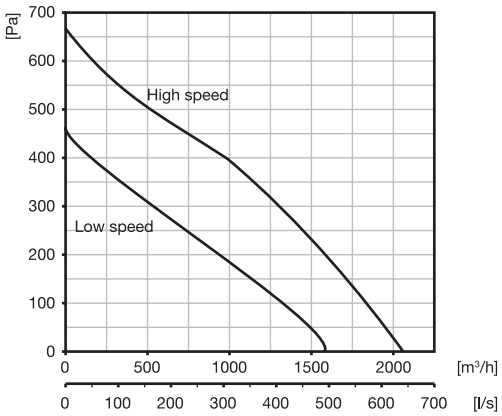
• **MFP 200**



• **MFP 250**



• **MFP 315**



Inline mixed flow plastic MFP

Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W		Current A		r.p.m		Maximum air capacity		Sound pressure level at 3 m dB(A)		Max. operating température °C	SEC class	IP
			High speed	Low speed	High speed	Low speed	High speed	Low speed	High speed	Low speed	High speed	Low speed			
MFP 100	50/60	230	25	23	0,11	0,10	2620	2050	245	180	32	27	+60	C	X4
MFP 125	50/60	230	30	25	0,13	0,11	2300	1630	350	240	34	29	+60	B	X4
MFP 150/160	50/60	230	50	42	0,22	0,19	2620	1940	565	415	46	37	+60	B	X4
MFP 200	50/60	230	108	76	0,48	0,34	2380	1815	1040	830	52	45	+60	B	X4
MFP 250	50/60	230	177	125	0,79	0,54	2440	1955	1400	1110	55	47	+60	*	X4
MFP 315	50/60	230	320	230	1,42	1,00	2430	1890	2050	1570	58	49	+60	*	X4

(*): Regulation 1254/2014 does not apply if maximum air capacity is >1000 m^3/h

Product		Sound-power level L_{WA} dB(A)	Octave-frequency band 63	125	250	500	1K	2K	4K	8K	Total
MFP 100	Low speed	to inlet	19	35	50	49	44	37	25	17	54
		to outlet	17	34	50	49	43	36	24	17	53
		to environment	14	29	43	43	39	33	22	15	47
	High speed	to inlet	24	34	53	54	53	48	37	26	59
		to outlet	23	33	52	52	52	47	37	26	57
		to environment	18	29	46	48	47	43	33	23	52
MFP 125	Low speed	to inlet	26	38	52	50	44	38	27	17	54
		to outlet	25	37	51	49	43	38	28	18	54
		to environment	21	32	46	45	40	35	25	16	49
	High speed	to inlet	20	31	57	51	51	50	39	27	60
		to outlet	20	31	56	51	51	49	39	26	59
		to environment	16	27	51	46	47	45	36	24	49
MFP 150/160	Low speed	to inlet	26	38	63	55	56	51	41	27	64
		to outlet	25	37	62	54	55	50	40	27	64
		to environment	18	30	52	46	47	43	35	23	54
	High speed	to inlet	33	44	71	67	65	70	56	42	75
		to outlet	32	43	70	65	64	70	54	42	74
		to environment	24	35	59	56	55	60	47	35	64
MFP 200	Low speed	to inlet	36	49	64	65	69	67	56	42	73
		to outlet	35	47	63	64	67	66	56	42	71
		to environment	24	36	50	52	55	54	46	34	60
	High speed	to inlet	38	50	69	70	74	73	65	51	78
		to outlet	36	49	68	69	72	72	63	49	77
		to environment	26	38	55	57	60	60	53	41	65
MFP 250	Low speed	to inlet	46	53	71	73	74	68	57	45	78
		to outlet	45	52	71	73	73	68	56	44	78
		to environment	36	43	60	62	64	59	49	38	68
	High speed	to inlet	51	58	73	85	82	78	67	55	88
		to outlet	50	57	72	84	81	77	66	54	87
		to environment	41	48	62	73	70	67	58	47	76
MFP 315	Low speed	to inlet	35	50	69	76	77	72	61	47	80
		to outlet	34	49	68	75	75	71	60	46	79
		to environment	27	40	58	64	66	62	53	40	69
	High speed	to inlet	39	55	72	80	82	78	69	54	86
		to outlet	38	55	71	79	81	78	68	53	85
		to environment	29	45	61	68	70	67	59	46	74

Inline acoustic mixed flow MF SILENT

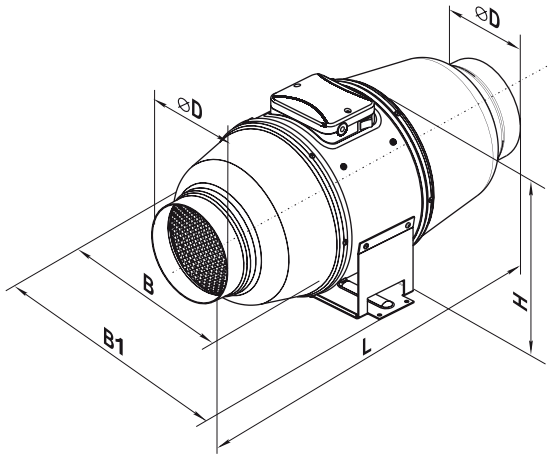
Description

MF Silent fans are enclosed in a specially designed sound-insulated casing that ensures silent fan operation in combination with high aerodynamic characteristics. The fans are compatible with round air ducts from Ø 100 up to 315 mm. The MF Silent fans combine wide capabilities and high performance characteristics of both axial and centrifugal fans, thus providing powerful air stream and high pressure. The fans are recommended as a component of the air handling systems for various commercial and industrial premises with high requirements to noise levels.
The external casing is made of polymer-coated steel. The inner casing perforation let sound waves pass through the holes and fall at a specific angle to the sound-absorbing layer. The casing is internally heat- and the sound-insulated with 50 mm mineral wool layer.
The specially perforated casing and sound-absorbing material provide sound attenuation in a broad frequency band.
The inner casing and the impeller are made of high-quality durable plastic.
The fan is typically controlled via a standard thyristor controller and has an IPX4 rating.

Alternative Versions:

MF Silent As Above
MF Silent - T Automatic run on time with setting of 2-30 Minutes

Dimensions



Product	ØD mm	ØB mm	B1 mm	L mm	H mm	m kg
MF SILENT100	98	215	243	505	237	4,60
MF SILENT 125	123	215	243	474	237	4,60
MF SILENT 150	147	247	274	580	260	6,10
MF SILENT 160	157	247	274	580	260	6,10
MF SILENT 200	198	293	386	550	295	8,00
MF SILENT 250	248	358	445	658	360	15,0
MF SILENT 315	313	432	520	780	434	25,0

Ordering example

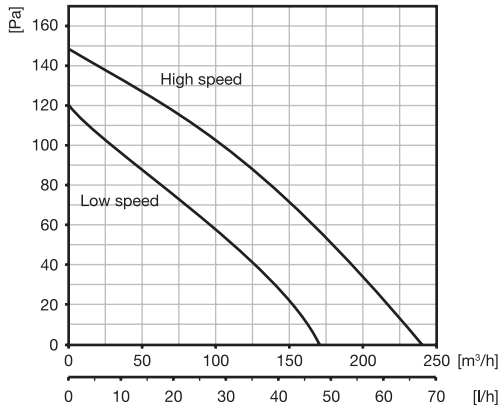
MF SILENT 100

Product code
Dimension Ød

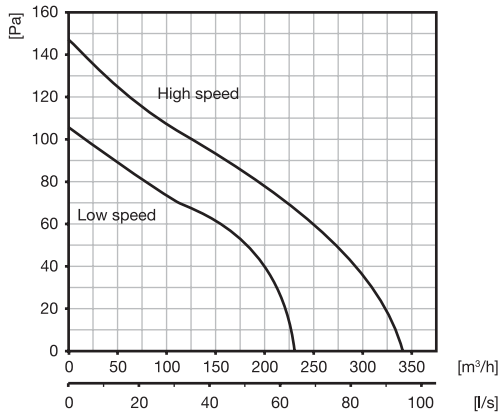
Inline acoustic mixed flow MF SILENT

Technical data

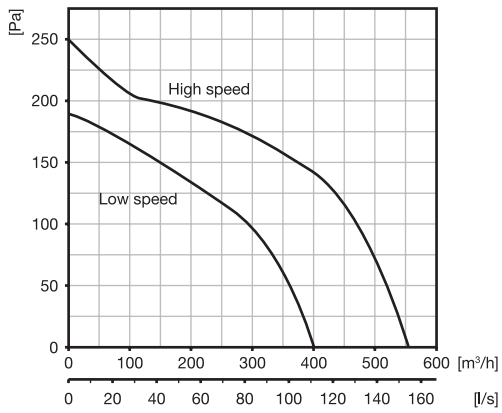
• **MF SILENT 100**



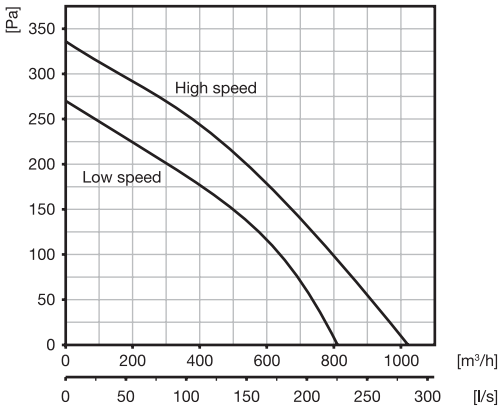
• **MF SILENT 125**



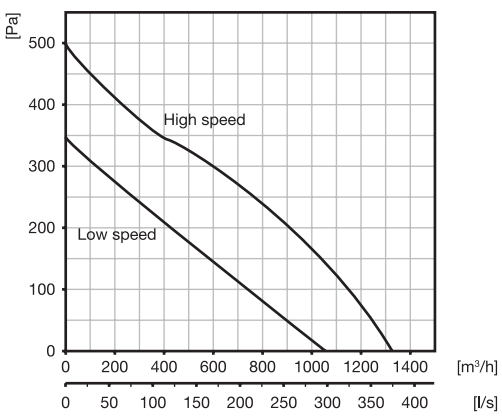
• **MF SILENT 150 - 160**



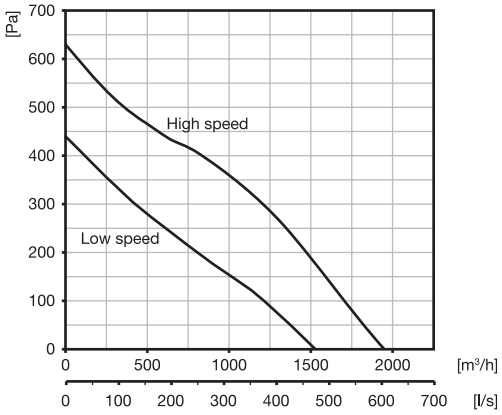
• **MF SILENT 200**



• **MF SILENT 250**



• **MF SILENT 315**



Inline acoustic mixed flow MF SILENT

Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W		Current A		r.p.m		Maximum air capacity		Sound pressure level at 3 m dB(A)		Max. operating température °C	SEC class	IP
			High speed	Low speed	High speed	Low speed	High speed	Low speed	High speed	Low speed	High speed	Low speed			
MF SILENT 100	50/60	230	26	24	0,11	0,10	2630	2030	240	170	29	24	+60	D	X4
MF SILENT 125	50/60	230	29	25	0,13	0,11	2310	1650	340	230	28	23	+60	D	X4
MF SILENT 150/160	50/60	230	52	45	0,23	0,20	2645	1970	555	405	33	26	+60	C	X4
MF SILENT 200	50/60	230	110	78	0,49	0,35	2445	2015	1020	810	36	31	+60	C	X4
MF SILENT 250	50/60	230	178	127	0,79	0,52	2495	1965	1330	1050	38	34	+60	*	X4
MF SILENT 315	50/60	230	313	213	1,41	0,93	2545	1975	1950	1530	40	36	+60	*	X4

(*): Regulation 1254/2014 does not apply if maximum air capacity is >1000 m^3/h

Product	Sound-power level L_{WA}	Octave-frequency band								
		63	125	250	500	1K	2K	4K	8K	Total
MF SILENT 100	to inlet	19	18	29	35	39	39	31	24	42
	to outlet	20	19	30	38	42	35	35	23	45
	to environment	15	14	17	25	29	21	22	14	34
MF SILENT 125	to inlet	19	21	35	38	42	41	35	28	47
	to outlet	21	24	35	39	41	43	37	29	46
	to environment	17	20	23	27	28	22	21	15	35
MF SILENT 150/160	to inlet	25	33	49	55	53	55	53	39	61
	to outlet	35	36	51	55	55	55	50	42	59
	to environment	19	22	39	35	36	33	34	21	39
MF SILENT 200	to inlet	26	38	54	57	58	55	52	48	62
	to outlet	28	42	48	62	60	62	50	44	65
	to environment	22	30	31	38	41	42	29	22	45
MF SILENT 250	to inlet	29	41	57	60	61	58	55	51	65
	to outlet	31	45	58	65	73	65	53	47	75
	to environment	25	33	48	41	53	49	41	29	55
MF SILENT 315	to inlet	35	47	62	61	64	67	58	55	69
	to outlet	40	53	69	69	70	65	55	51	75
	to environment	25	32	41	51	55	52	49	37	58

Inline plastic axial

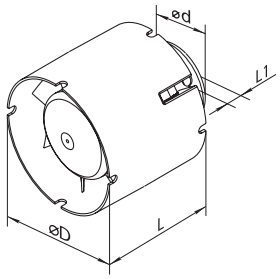
IPA

Description

Inline plastic axial fan for continuous or periodic ventilation of a shower room or bathroom. Casing and impellor made from highly durable ABS plastic. The intelligent design of the impellor makes it high efficeiency and very long life span.

The fan is typically controlled via a light switch or with a standard thyristor controller. It has an IPX4 rating.

Dimensions



Product	ØD nom	Ød mm	L mm	L_1 mm	m kg
IPA100	100	59	85	28	0,41
IPA125	125	59	90	28	0,43
IPA150	150	59	100	25	0,80

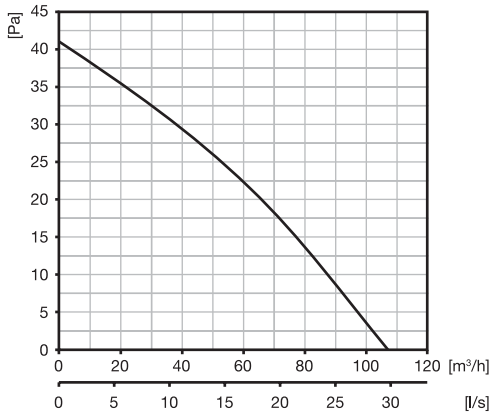
Ordering example

IPA	100
Product code	
Dimension Ød	

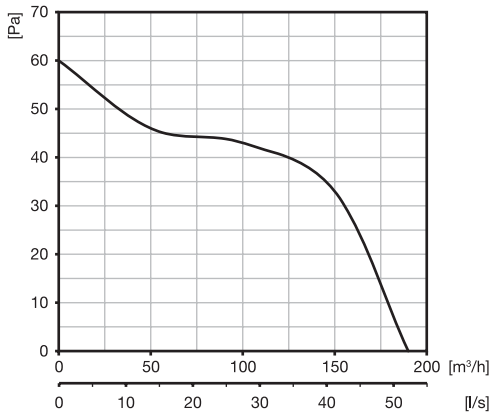
Inline plastic axial IPA

Technical data

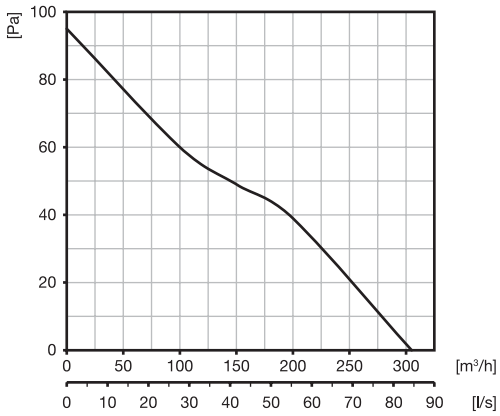
• IPA 100



• IPA 125



• IPA 150



Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W	Current A	r.p.m	Maximum air capacity m³/h	Sound pressure level at 3 m dB(A)	Max. operating température °C	SEC class	IP
IPA 100	50/60	220-240	14	0,085	2300	107	36	+40	*	X4
IPA 125	50/60	220-240	16	0,100	2400	190	38	+40	*	X4
IPA 150	50/60	220-240	29	0,130	2400	305	40	+40	*	X4

(*): Regulation 1254/2014 does not apply if electric power input < 30 W

Inline centrifugal plastic SCF165

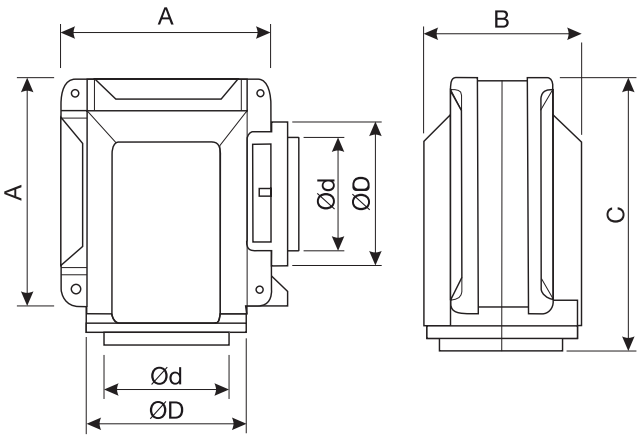
Description

Centrifugal fans to extract air through ducting; Unique adjustment possibility for in-line or angled mounting; For ducts Ø100mm and 120mm;

The fan is typically controlled via a light switch or with a standard thyristor controller.

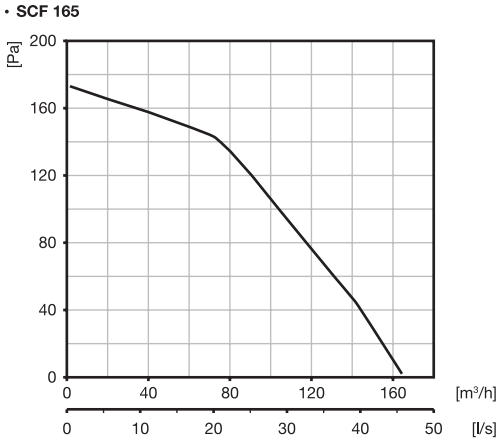
The fan is made of ABS plastic.

Dimensions



Product	Configu-ration	A mm	B mm	C mm	Ød mm	ØD mm	m kg
SCF 165	In line	205	148	263	102	126	1,90
	Angled	205	148	242	102	126	1,90

Technical data



Ordering example

	SCF165
Product	

Inline centrifugal plastic SCF165

Technical data

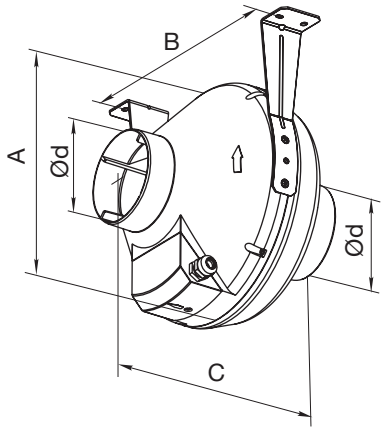
Product	Frequency Hz	Voltage V	Electric Power Input W	Current A	r.p.m	Maximum air capacity m³/h	Sound pressure level at 3 m dB(A)	Max. operating température °C	SEC class	IP
SCF165	50	220-240	80	0,8	2450	165	51	+40	F	X0

Inline Centrifugal Plastic CPF

Description

CPF fans are typically for supply and exhaust ventilation systems of commercial, office and other premises. Due to the corrosion-resistant durable plastic casing, these models are the perfect solution for the installation in humid applications such as bathrooms, kitchens etc.
The casing is made of high-quality durable ABS plastic. The fans are equipped with waterproof terminal boxes. The product has an IPX4 rating.

Dimensions



Product	Ød mm	A mm	B mm	C mm	m kg
CPF100	100	250	270	230	2,01
CPF 125	125	250	270	220	2,20
CPF 150	150	300	310	286	2,45
CPF 200	200	340	354	276	3,00

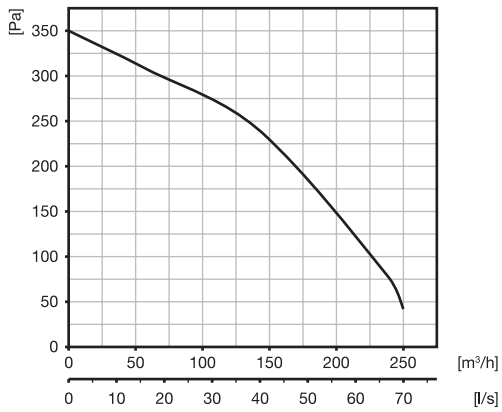
Ordering example

CPF	100
Product code	
Dimension Ød	

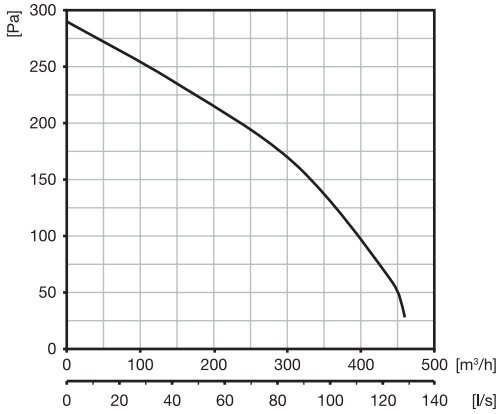
Inline Centrifugal Plastic CPF

Technical data

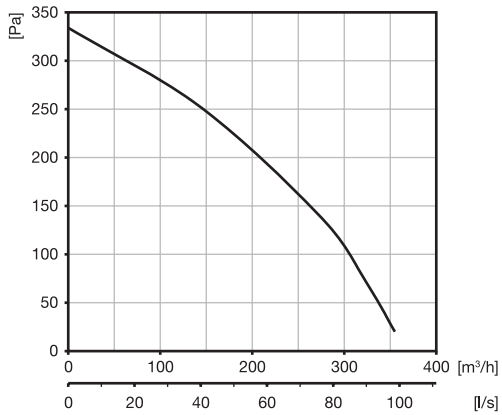
• CPF 100



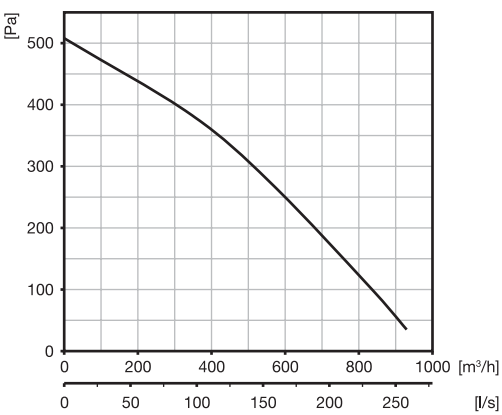
• CPF 150



• CPF 125



• CPF 200



Technical data

Product	Frequency Hz	Voltage V	Electric Power Input W	Current A	r.p.m	Maximum air capacity m³/h	Sound pressure level at 3 m dB(A)	Max. operating température °C	SEC class	IP
CPF 100	50	230	80	0,34	2820	250	46	-25/+50	C	X4
CPF 125	50	230	79	0,34	2800	355	46	-25/+50	B	X4
CPF 150	50	230	80	0,35	2725	460	46	-25/+50	B	X4
CPF 200	50	230	107	0,47	2660	780	48	-25/+50	B	X4

Accessories

Content

Speed controllers - Electronic ESC

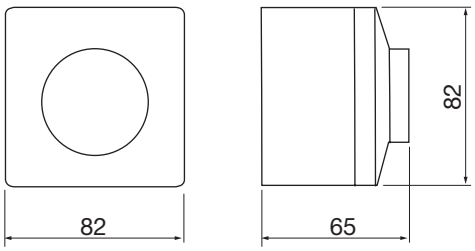
Description

For manual variable speed control of single-phase AC motors. Minimum speed is set by means of a screw under the knob. All single-phase fans from Lindab can be regulated with the ESC controller.

The controller is certified and approved as conforming to electrical safety and interference regulations on all markets.

Suitable for recessed as well as for surface mounting.

Dimensions



Product	Current A	Voltage V	Enc. Class IP
ESC 0.5 R	0,5	230	54
ESC 0.5 S	0,5	230	54
ESC 1.0 R	1	230	54
ESC 1.0 S	1	230	54
ESC 2.0 R	2	230	54
ESC 2.0 S	2	230	54
ESC 4.0 S	4	230	54

R= Recessed
S= Surface Mounted

Ordering example

ECE	0,5	R
Product		
AMP		
Recessed		

Speed controllers - Transformer TSC

Description

Transformer controller, for ac motors.

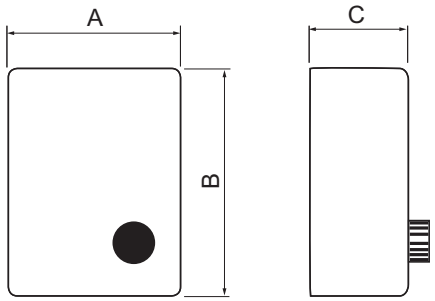
For manual 5-step voltage control of single-phase motors, with 0-position. Regulation controlled by switch at front. Operation Indicator light on the housing.

The controller is enclosed in a durable PVC or steel housing.

Ordering example

TSC	1
Product	
AMP	

Dimensions



Product	A mm	B mm	C mm	m kg
TSC 1	84	160	88	1,3
TSC 1,5	115	205	100	2,1
TSC 3,5	170	255	140	4,7
TSC 5	170	255	140	5,4
TSC 7,5	200	305	140	8,0
TSC 13	300	325	185	15,3

Technical data

Product	Current A	Voltage V	Enc. Class IP
TSC 1	1	230	54
TSC 1.5	1,5	230	54
TSC 3.5	3,5	230	54
TSC 5	5	230	54
TSC 7.5	7,5	230	54
TSC 13	13	230	54

Speed controllers - Transformer TSCT

Description

Transformer controller, for ac motors.

For speed control of voltage controllable 3-phase motors.

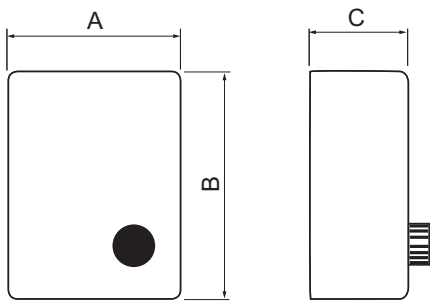
The thermal contact relays are connected to the motor's protracted thermal contact conductor. TSCT breaks the current when the motor gets overheated (It's reset when the motor has cooled down and the switch is in 0-position).

The controller is enclosed in a durable steel housing.

Ordering example

	TSCT	1.5
Product		
AMP		

Dimensions



Product	A mm	B mm	C mm	m kg
TSCT 1,5	300	325	175	12,3
TSCT 2,5	300	325	175	13,4
TSCT 4	300	425	175	18,6
TSCT 8	300	425	235	27,9
TSCT 11	400	430	235	37,8

Technical data

Product	Current A	Voltage V	Enc. Class IP
TSCT 1.5	1,5	400	54
TSCT 2.5	2,5	400	54
TSCT 4	4	400	54
TSCT 8	8	400	54
TSCT 11	11	400	54

Speed controllers for EC motors ESC EC

Description

For manual variable speed control of EC motors. All fans with EC-motors from Lindab have 10 Vdc output that can be connected as supply to the controllers.

On the stepless control, Max and Min-mode can be set by adjustment screws under the knob.

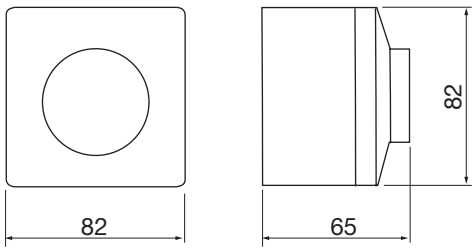
On controllers with fixed locations, Pos. 1 and Pos. 2 are set by adjusting screws.

The controller is certified and approved as conforming to electrical safety and interference regulations on all markets.

Ordering example

	ESC EC
Product	

Dimensions



Technical data

Product	Current mA	Voltage Vdc	Enc. Class IP
ESC EC	1	10	54

Frequency drive speed controller FSCD

Description

Lindab's Frequency drive is designed for controlling fan motors speed in HVAC applications.
Ultra compact installation, simple cabling, easy parameterization and wide standard functions.
Integrated control unit panel with digital dial. PID card.
Optional EMC filter available.

Technical data

Optional EMC Part for Drives

EMC Filter

Limits the noise of High frequency
- Reduces interferences
- Protects sensible equipment
- Eliminates crossed communication of Drive

EMC Filter M 0.37 to 1.1 kw
EMC Filter M 2.2 kw
EMC Filter T 0.55 to 2.2 kw
EMC Filter T 3 to 4 kw
EMC Filter T 7.5 to 11 kw
EMC Filter T 15 to 22 kw

Technical data

Product	Power kW	Voltage in V	Voltage out V	Current A	Enc. Class IP	Weight kg
FSCD M 0.37kW	0,37	230	400	1,79	IP20	0,5
FSCD M 0.75kW	0,75	230	400	3,18	IP20	0,9
FSCD M 1.1kW	1,1	230	400	4,73	IP20	1,1
FSCD M 2.2kW	2,2	230	400	7,88	IP20	1,5
FSCD T 0.55kW	0,55	400	400	1,4	IP20	1,3
FSCD T 1.1kW	1,1	400	400	2,6	IP20	1,3
FSCD T 2.2kW	2,2	400	400	4,3	IP20	1,4
FSCD T 3kW	3	400	400	6	IP20	1,5
FSCD T 4kW	4	400	400	9,6	IP20	1,5
FSCD T 7.5kW	7,5	400	400	14,1	IP20	3,3
FSCD T 11kW	11	400	400	19,2	IP20	3,3
FSCD T 15kW	15	400	400	31,28	IP20	6
FSCD T 22kW	22	400	400	40,8	IP20	6
FSCD T 30kW*	30	400	400	62	IP20	13
FSCD T 37kW*	37	400	400	77	IP20	23
FSCD T 45kW*	45	400	400	93	IP20	35

M = 230 v
T = 400 v
* = EMC Filter pre-installed

Ordering example

FSCD **M** **0,37 kW**

Product
Voltage
Motor

Thermal contact relay MPM MPT

Description

The thermal contact relay is used for motors with protracted thermal contact conductors, and disconnects main supply if the motor's thermal contacts are open.

The thermal contact on the motor automatically resets when the motor has cooled, but the thermal contact relay must be reset manually by pressing the black button.

MPM for single phase motors 230V 0.4-10.0 A.
MPT for 3-phase motors 400V 0.1-25.0 A.

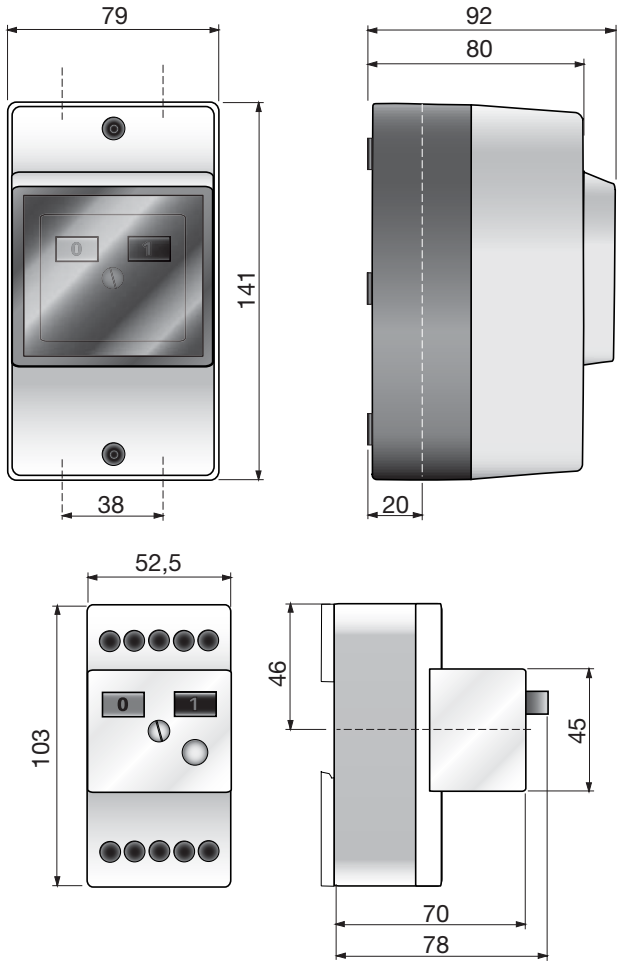
The enclosure fits the thermal contacts MPM and MPT.

It enables the MPM and MPT to be used in an IP 55 environment.

Ordering example

	MPM MPT
Product	

Dimensions



Technical data

Product	Current A	Voltage V	Enc. Class IP
MPM 10A	0,40–10	230	
MPT 25A	0,10–25	400	
MP Enclosure			IP55

Lindab®

Weekly Timeswitch WTS

Description

Week timer
2-channel electronic week timer for DIN rail mounting. Daily or weekly programs, and automatically adjusts for daylight savings time.
4 year power reserve. 42 memory cells.
Programming is done by free alignment, which means that days with different switching times only use one memory cell.
The enclosures enables the week timer to be used in an IP 30 or 54 environments.

Technical data

Product	Current	Voltage	Enc. Class
WTS	16 A	230 V	IP20

Ordering exaple

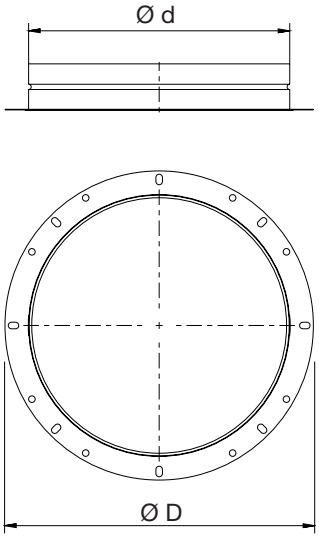
	WTS
Product	

Circular Connection flange CCF

Description

Connexion flange to be fitted in the long casd axial fans inlet and outlet. For centrifugal models only extraction and for Axial models extraction and impulsion.

Dimensions



Product	Ød mm	ØD mm
CCF250	248	310
CCF300	298	380
CCF350	353	420
CCF400	398	470
CCF450	448	530
CCF500	498	590
CCF560	558	650
CCF630	628	720
CCF710	708	800
CCF800	798	890
CCF900	898	995
CCF1000	998	1115
CCF1100	1098	1215
CCF1250	1248	1382

Ordering example

CCF	800
Product	
Dimension Ød	

Sealing clamp

SVK

Description

Removable sealing clamp made from galvanised sheet steel.

The inside of the sealing clamp is covered with a thick layer of cellular EPDM rubber.

The sealing clamp can join two ducts together, fitting to duct or duct to fitting.

The sealing clamp is very useful when you want to be able to remove a fitting or a unit from a ventilation system, and can also be used to advantage for repairing a duct system.

Can be installed outside the outer jacket of an isolated duct.

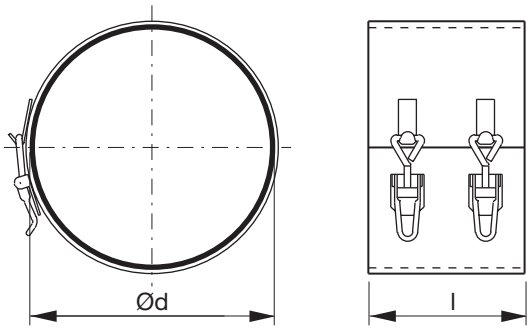
The table below specifies the sealing clamp SVK, with diameter d, which is used on each nominal diameter d_1, of Isol.

Isol Ød$_1$ nom	Isol 25 Use SVK Ød	Isol 50 Use SVK Ød
100	150	200
125	180	224
160	200	260
200	250	300
250	300	355
315	355	400
400	450	500
500	560	600

Ordering exaple

	SVK	315
Product code		
Dimension Ød		

Dimensions



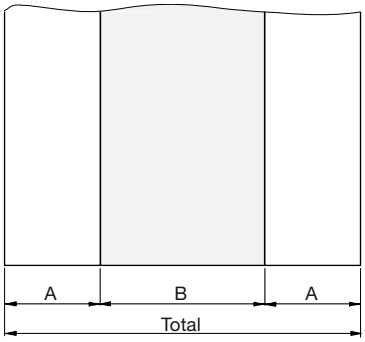
Ød nom	l mm	m kg
80	130	0,30
100	130	0,34
125	130	0,40
160	130	0,46
180	130	0,52
200	130	0,59
224	130	0,75
250	190	0,94
260	190	0,98
300	190	1,12
315	190	1,17
355	190	1,30
375	190	1,35
400	250	1,42
415	250	1,49
460	250	1,60
500	250	1,75
560	250	2,00
600	250	2,20

Flexible duct connection FVA

Description

Flexible duct connector minimize sound and vibrations between the air handling unit / fan and the ductwork and fits both rectangular and circular applications.

Dimensions



Length	Width in mm			Material
m	A	B		
25	35	60	130	PU
25	45	60	150	PU
25	70	100	240	PU
25	35	60	130	NEO
25	45	60	150	NEO
25	70	100	240	NEO
25	35	60	130	S
25	45	60	150	S
25	70	100	240	S
25	35	60	130	PVC
25	45	60	150	PVC
25	70	100	240	PVC

Ordering example

FVA	25	70	100	PU
Product				
	Length			
		Width A		
			Width B	
				Material

Flexible duct connection FVA

Specifications

Product	PVC
Colour	Dark grey
Fire Resistance	Flame retardant NFPA701
Temperatures	-30 to +70 °C
Features	Excellent mechanical resistance. High abrasion resistance. All purpose fabric.
Product	NEO (Neoprene)
Colour	Black
Fire Resistance	M1 BS476 Part7 Class1 NFPA701
Temperatures	-20 to +100 °C
Features	Excellent mechanical resistance. General purpose fabric. Very good chemical resistance.
Product	PU (Polyurethane)
Colour	Aluminum grey
Fire Resistance	M0 400°C-2 hours EMPA
Temperatures	-50 to +200 °C
Features	Very good temp. resistance. M0-400°C/2h classified
Product	S (Silicone)
Colour	Aluminum grey
Fire Resistance	M1-M0 BS476 Part7 Class1 NFPA701
Temperatures	-40 to +280 °C
Features	Excellent temp. resistance. Low smoke emission. Very good chemical resistance.

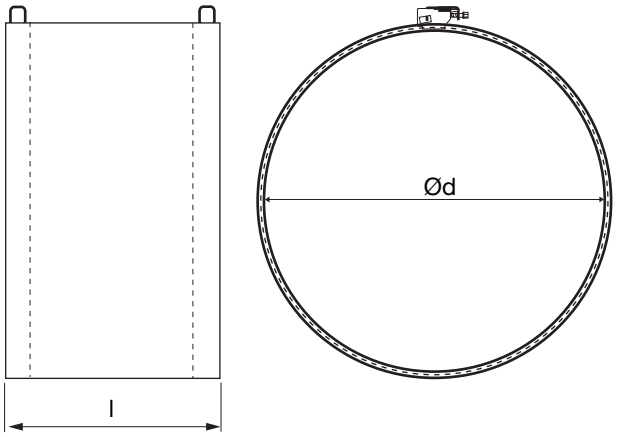
Product	PVC	NEO (Neoprene)	PU (Polyurethane)	S (Silicone)
Colour	Dark grey	Black	Aluminum grey	Aluminum grey
Fire Resistance	Flame retardant NFPA701	M1BS476 Part7 Class1 NFPA701	M0 400°C -2 hours EMPA	M1-M0 BS476 Part7 Class1 NFPA701
Temperatures °C	-30 to +70	-20 to +100	-50 to +200	-40 to +280
Features	Excellent mechanical resistance. High abrasion resistance. All purpose fabric.	Excellent mechanical resistance. General purpose fabric. Very good chemical resistance.	Very good temp. resistance. M0-400C/2h classified	Excellent temp. resistance. Low smoke emission. Very good chemical resistance.

Flexibel connection FLEX

Description

Flexible connection.

Dimensions



Ød nom	l mm
80	150
100	150
125	150
160	150
200	150
250	150
315	150
355	150
400	150
450	150
500	150
630	150
710	150
800	150
900	150
1000	150
1120	150
1250	150

Working temperature: Max. 260°C.

Ordering example

FLEX **500**

Product

Dimension Ød

Flexible duct clamp MDC

Description

A metal clamp for all types of flexible ducting. The clamp consists of the band FDB and the flip-up band lock FDBL.

This system allows an easy and quick application thanks to the automatic locking that forms the right diameter of the duct.

Advantages

- Labour saving.
- The band has lifted edges to avoid damage to the ducting.

Technical data

Band width	9 mm
Band and lock material	Stainless steel AISI 430
Screw material.....	Galvanized steel
Screw head	Hex Head 7 mm A/F

Ordering example

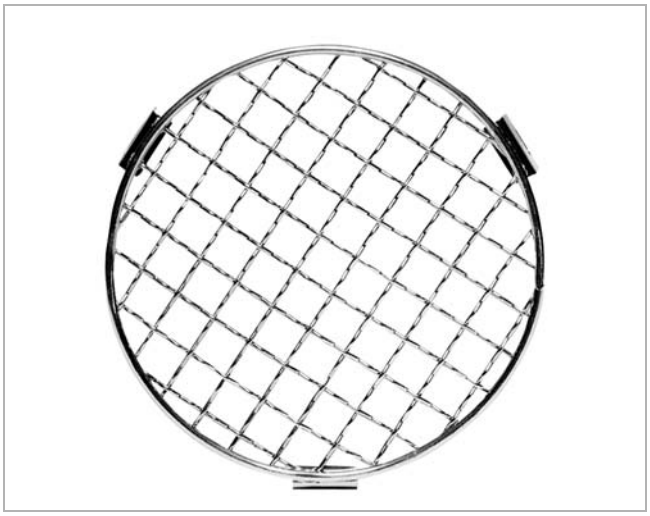
MDC	135	SS
Product		
Dimension Ød		
Material		

Dimensions

Ød nom
60 – 110
60 – 135
60 – 165
60 – 215
60 – 270
60 – 325
60 – 425
60 – 525
60 – 660

Safety grille

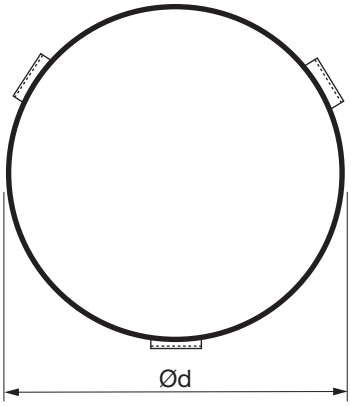
BSV



Description

BSV is a safety grille used for circular duct fan or wall fan.

Dimensions



Ød nom
100
125
150
160
200
250
315
355

Ordering example

BSV	125
Product	
Dimension Ød	

Heater element KVU

Description

Application
Duct heater for air heating systems, e.g. supplementary heating in ventilation systems in houses or in connection with air duct systems.

Description
Duct Section
Hot-galvanised steel tubes with Lindab Safe sealing ring in both ends.

Terminal Box
Electroplated sheet iron box fitted with two PG16 cable gland. Electric supply though the fitted row of clamps. Proofing IP44.

Heating Elements
Tubular heating elements made of AISI 304 (stainless) with a surface load of 2.5 W/m² for air velocities above 2 m/sec.

Overheating Protection
In the terminal box there is a builtin one pole temperatur limiter (30-87°C) with automatic reset (B2) as well as a thermal cut-out with manual reset (125°C) (B1)

Temperature Regulation
It is recommended to control the air temperature by a room thermostat, e.g. KVT10.

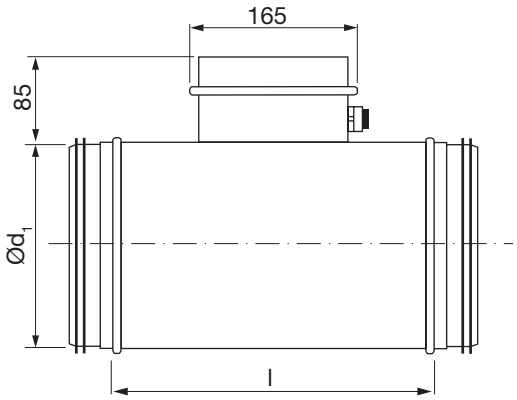
Insulation
The duct heater have to be insulated with non-inflammable insulation, and the distance to flammable material must be at least 150 mm.
NB. The terminal box may **not** get insulated.

Approval
KVU standard duct heaters for 230 Volt, are approved by DEMKO.

Ordering example

KVU	160	230	1000
Product			
Dimension Ød$_1$			
Voltage V			
Power W			

Dimensions



Ød$_1$ nom	l mm
125	320
160	320
200	320
250	280

Installation

KVU can be mounted both verticaly and horisontaly.
Wen installet horisontaly, the terminal box must be placed on the site or head down, not on the top (see Fig. 1) this prevent the posibility of heat transmission to the terminal box.

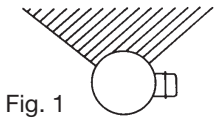


Fig. 1

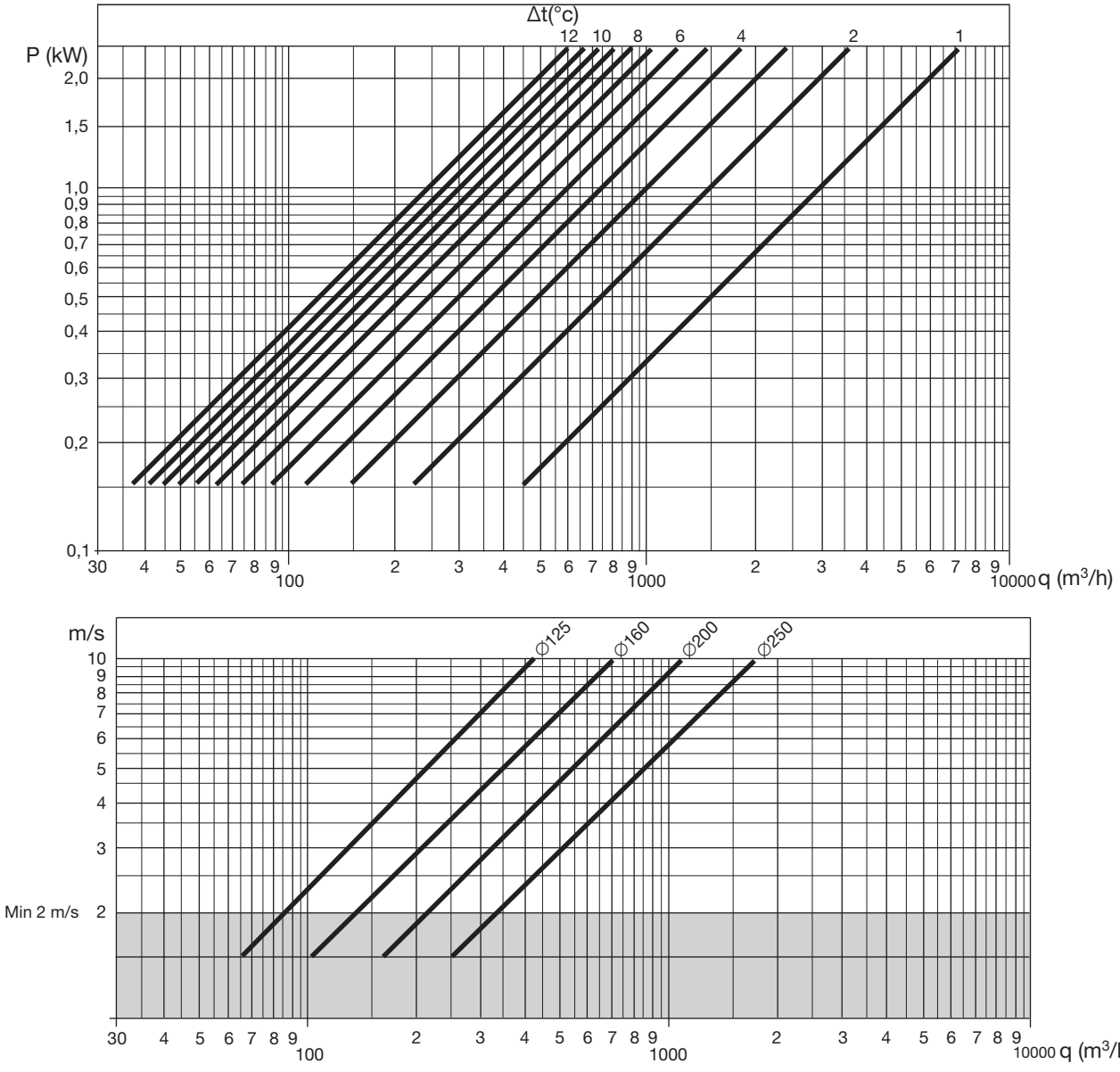
Heater element KVU

Technical data

The thermal output of a heating surface is expressed by:

$P = q_v \circ \zeta \circ C_p \circ (t_2 - t_1)$ ..... kW]
q_v = volume flow ..... [m^3/s]
ζ = density of the air ..... kg/m^3]
C_p = specific heat capacity of the air ..... [kJ/kg ° K]
t_1 = air temperature before heating element ..... [°C]
t_2 = air temperature after heating element ..... [°C]
By a teperature of 20° C is:
$\zeta = 1{,}2\ kg/m^3$
$C_p = 1\ kJ/kg \cdot K$
$P = 1{,}2 \cdot q_v \cdot \Delta t$

The diagram shows the airs temperature rise, compared to volume flow rate and effect added.



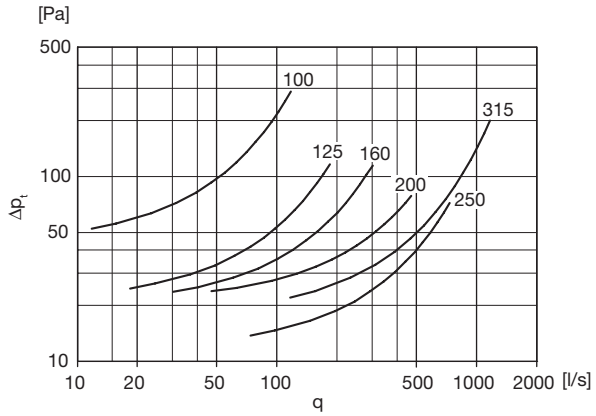
Air stream operated damper

CARU

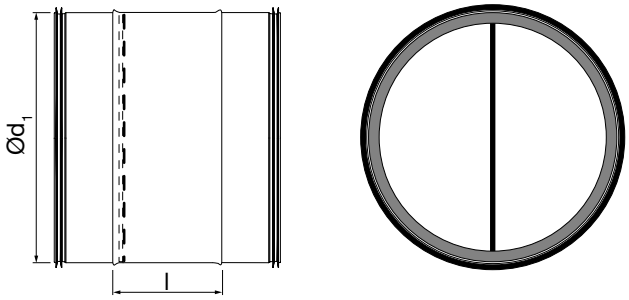
Description

The damper is used where you want an efficient closing at a standstill fan. The air stream operated damper is equipped with springs, which automatically close the damper when the fan stops.

The housing is manufactured of galvanized sheet metal. The butterfly blade is manufactured of aluminium.



Dimensions



Ød$_1$ nom	l mm	m kg
100	60	0,35
125	60	0,40
160	60	0,60
200	60	0,90
250	120	1,45
315	120	1,82

Ordering exaple

CARU **160**

Product

Dimension Ød$_1$

Rectangular straight low-built silencer LRLS

Description

Rectangular silencer with low installation height.

Attenuation material is Acutec® (Polyester).

Insulation with surface cover which can be cleaned with a rotating brush.

LRLS meets the requirements of tightness class C and pressure class 2 according to EN 1507:2006.

LRLS is equipped with joining profile type RJFP.

Tested according to ISO 7235 standard.

Special materials and sizes, please contact Lindab sales.

Order code

Product	LRLS	600	bbb	cccc

LRLS

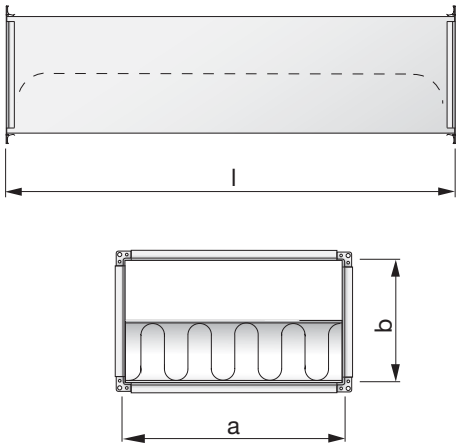
Width in mm , (a)
200 - 1000

Height in mm , (b)
150 - 400

Length in mm,, (l)
650 - 1250

Example: LRLS - 600 -200 - 950

Dimensions and sound data



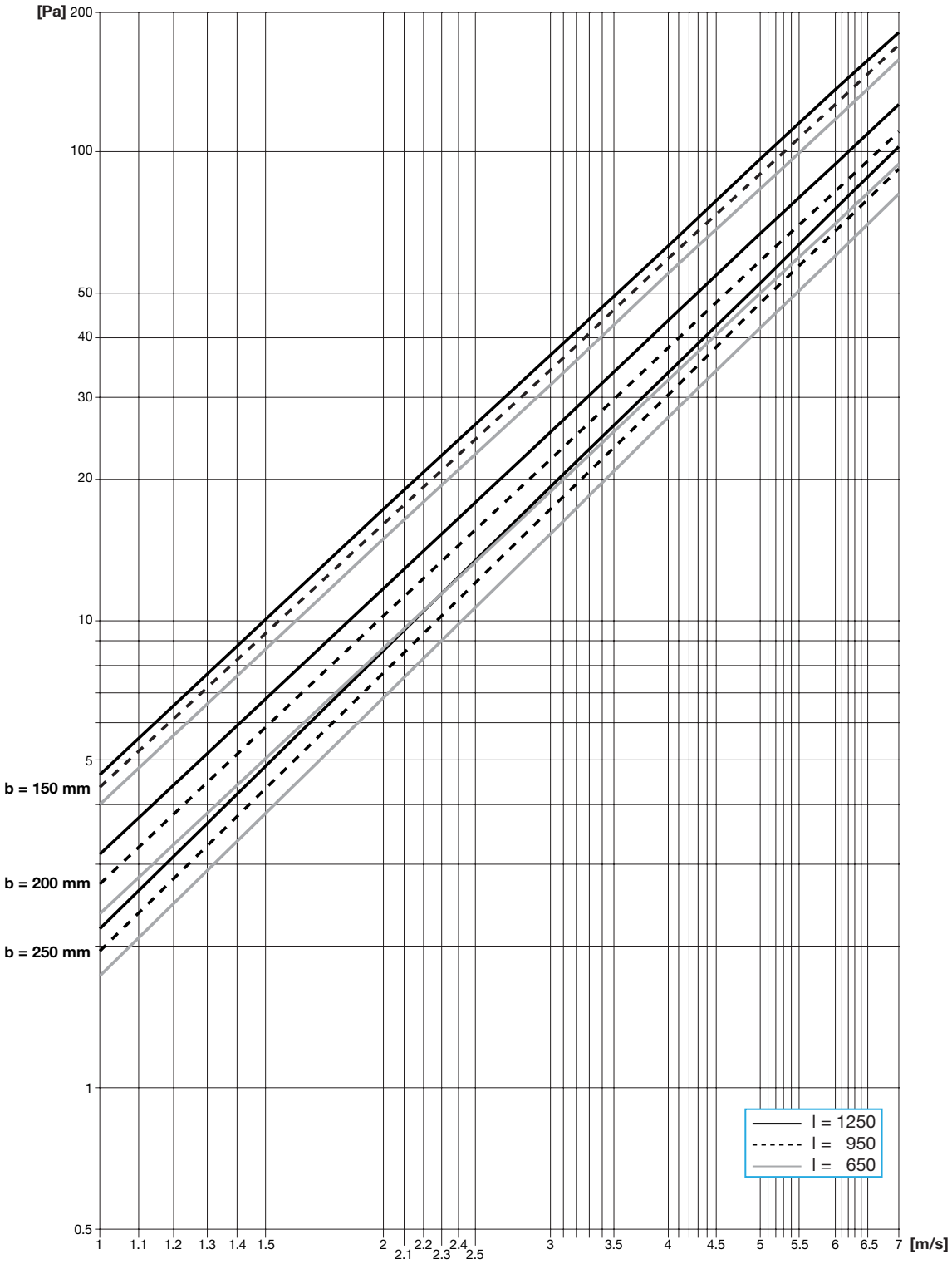
a mm	b mm	l mm	Attenuation [dB] for centre frequency [Hz] 63	125	250	500	1k	2k	4k	8k	Self generated noise number Intake/Outlet
200-1000	200	650	3	4	8	17	23	15	10	6	2,5
200-1000	200	950	4	8	13	23	25	17	14	12	2,5
200-1000	200	1250	6	9	16	27	39	25	17	13	2,5
250-1000	250	650	1	3	8	18	11	9	8	9	2,5
250-1000	250	950	2	6	11	23	18	12	10	10	2,5
250-1000	250	1250	4	7	15	29	22	15	12	11	2,5
300-1000	300	650	2	4	12	17	12	11	9	9	3,0
300-1000	300	950	3	6	16	24	16	14	12	11	3,0
300-1000	300	1250	5	10	18	29	21	17	15	13	3,0
350-1000	150	650	1	3	9	18	24	16	13	13	3,0
350-1000	150	950	3	5	11	23	32	21	17	16	3,0
350-1000	150	1250	4	7	15	26	40	28	21	19	3,0
350-1000	350	650	2	5	9	12	9	7	7	8	2,3
350-1000	350	950	3	7	11	16	12	9	8	9	2,3
350-1000	350	1250	4	9	13	20	15	11	10	10	2,3
400-1000	400	650	2	4	7	9	11	10	9	8	1,9
400-1000	400	950	3	5	9	12	14	14	11	9	1,9
400-1000	400	1250	4	6	11	16	17	18	14	10	1,9

To calculate all available width / height combinations, you can use our IT-program DIMsilencer, where width, height and length can be optimized for the best preformance.

Rectangular straight low-built silencer LRLS

Technical data

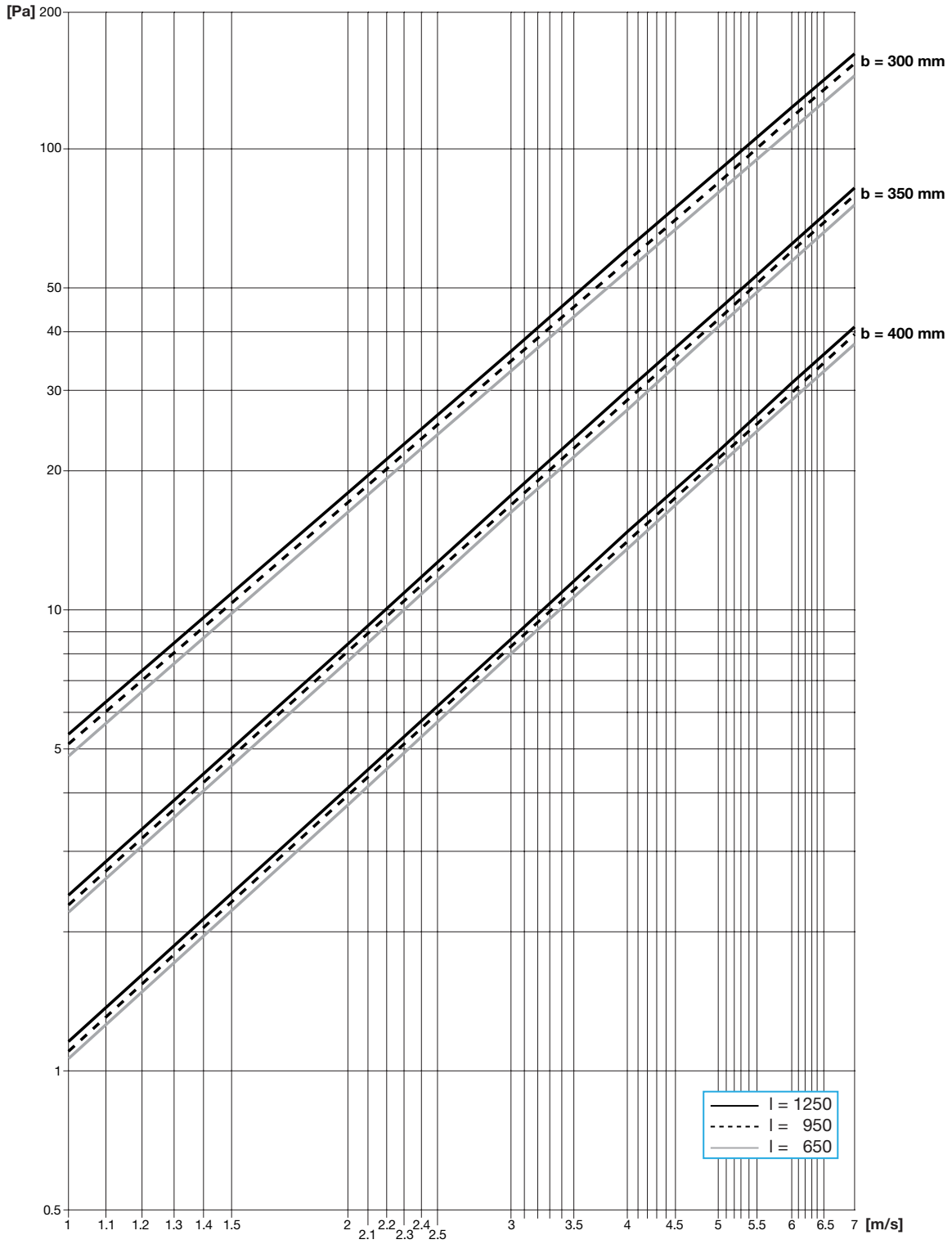
(b) Height 150 - 200 - 250 mm



Rectangular straight low-built silencer LRLS

Technical data

(b) Height 300 - 350 - 400 mm



Circular straight silencer SLU 50

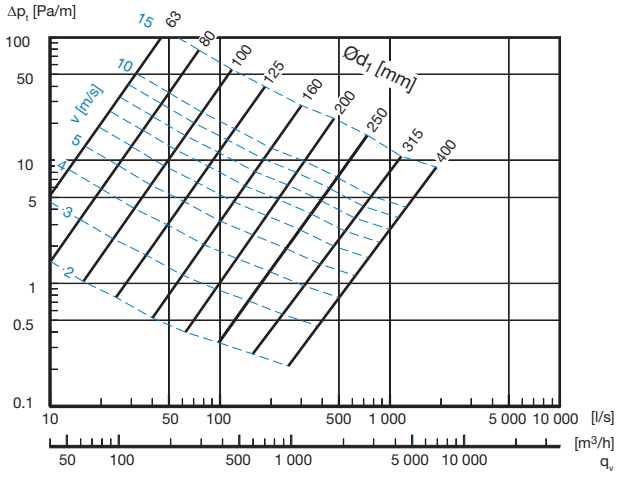
Description

SLU 50 is a circular straight silencer with a connection diameter available between 63 - 400 mm.
Nominal insulation thickness 50 mm. Attenuation material is mineral wool. The SLU's are made of strong outer spiral seemed tube and an inner tube made of sheet steel with small openings to be able to withstand mechanical cleaning and at the same time not interfere with the insertion loss. The space between them is filled with mineral wool and a nonwoven cloth is inserted between inner tube and the attenuation material, to prevent fibers from the insulation getting into the duct system.

Tested according to ISO 7235 standard.

Special materials and sizes, please contact Lindab sales.

Technical data



Order code

Product **SLU** **aaa** **bbbb** **50**

SLU

Connection dim. $Ød_{1nom}$

63 - 400 mm

Length in mm (l_{nom})

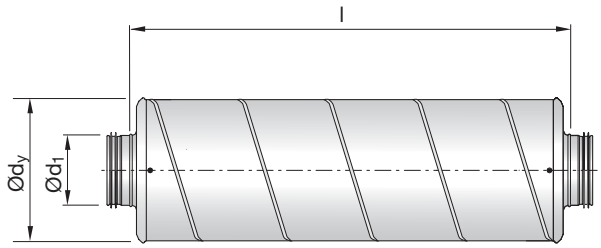
300 - 1200 mm

Insulation thickness

50 mm

Example: SLU - 80 - 600 - 50

Dimensions and sound data

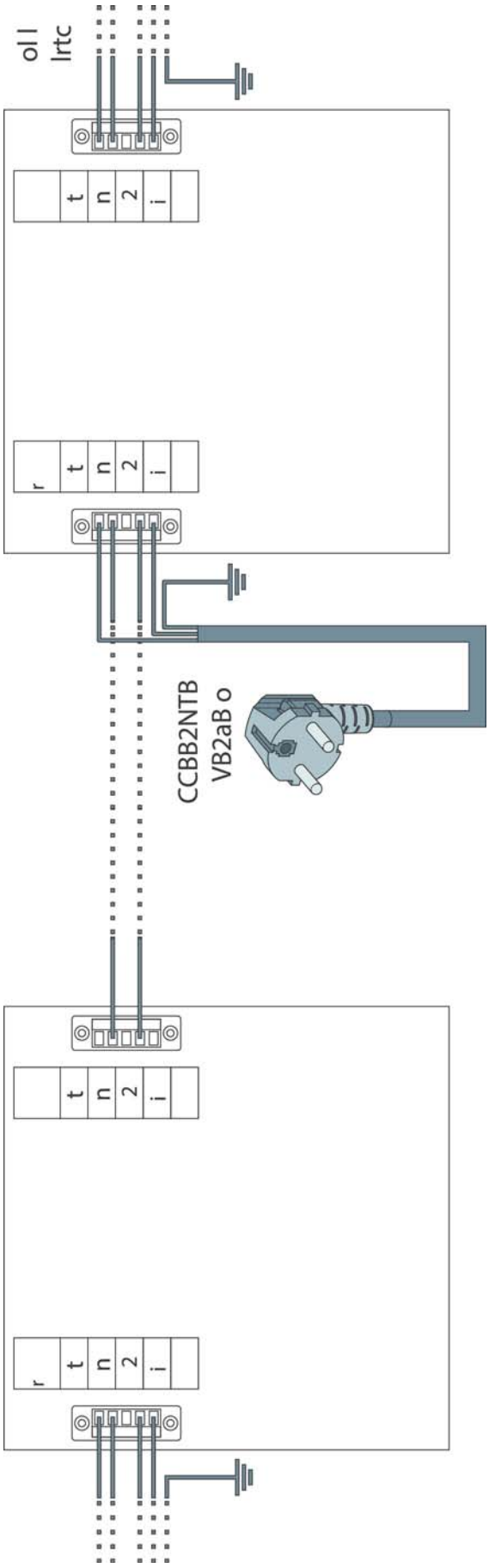


Ød1 nom mm	lnom mm	Attenuation [dB] for centre frequency [Hz] 63	125	250	500	1k	2k	4k	8k	Ødy mm	l mm	m kg
63	300	0	6	13	21	32	44	36	26	170	300	1,8
63	600	0	7	20	35	50	50	50	34	170	600	3,0
80	300	1	5	8	15	25	25	21	15	190	300	2,0
80	600	2	8	14	28	49	50	47	24	190	600	3,0
80	900	3	10	21	40	50	50	50	34	190	900	5,0
80	1200	4	13	27	50	50	50	50	43	190	1200	7,0
100	300	1	5	7	15	25	25	21	13	210	360	2,0
100	600	1	7	12	25	43	48	35	20	210	660	3,0
100	900	2	10	17	34	50	50	49	28	210	960	5,0
100	1200	3	12	22	44	50	50	50	35	210	1260	7,0
125	300	0	4	5	13	23	20	16	11	235	365	3,0
125	600	1	5	10	22	39	37	26	16	235	665	4,0
125	900	1	7	14	30	50	50	37	21	235	965	7,0
125	1200	2	9	18	39	50	50	47	26	235	1265	9,0
160	300	0	3	5	11	22	16	11	7	270	370	3,0
160	600	1	4	8	19	37	28	17	11	270	670	6,0
160	900	1	5	12	27	50	39	24	14	270	970	8,0
160	1200	2	6	15	35	50	50	30	17	270	1270	10,0
200	300	0	2	4	9	19	11	7	5	310	385	4,0
200	600	1	3	8	15	28	19	12	8	310	685	7,0
200	900	2	4	11	21	37	28	16	10	310	985	10,0
200	1200	2	5	14	27	46	36	21	13	310	1285	12,0
250	600	1	2	6	14	26	14	8	7	365	600	9,0
250	900	1	3	9	19	38	19	11	9	365	900	12,0
250	1200	2	4	11	24	50	24	13	11	365	1200	15,0
315	600	0	2	4	10	22	9	6	7	427	600	12,0
315	900	2	3	7	16	31	13	8	9	427	900	18,0
315	1200	2	3	8	20	39	16	9	10	427	1200	24,0
400	* 600	0	2	4	8	10	5	4	4	508	600	16,0
400	* 900	0	2	5	12	16	7	5	6	508	900	22,0
400	* 1200	0	2	7	16	20	9	6	7	508	1200	32,0

There is given max. attenuation values of 50 dB in the table above.

* Supplied with two loose couplings.

Wiring diagrams



Index – Wiring diagrams

Circular duct fans

Model & Size	100	100H	125	125H	150	150H	160	160H	200	200H	250	250H	315	315H	355	355H	400	400H	500	500H	630	600H
TF	3	5	3	5	5	5	5	5	5	5	5	5	5									
TF EC		4		4	4	6	4	6		6	6		6									
TFW	3	5	3	5	5	5	5	5	3	5	5	5		5								
LBF									5	10		10	10	10		10	10	10	10	10		
SBF			5				5		5	5	5	5	10		10	10	10	10	10	10		
SBF EC																						
IBF				5			5	5	5		5			10				10	10	10	10	10
LPBF	3	5	5				5	5	5													
LPBF EC	6		6				6	6	6													
LPBFI		5	5				5	5	5													
LPBFI EC	6		6				6	6	6													
CF	Refer to Lindab																					

Rectangular duct fans

Model & Size	300 × 150	400 × 200	400 × 200H	500 × 250	500 × 250H	500 × 300	500 × 300H	600 × 300	600 × 300H	600 × 350	600 × 350H	700 × 400	700 × 400H	800 × 500	800 × 500H	1000 × 500	1000 × 500H
SRF		5	5	5	5			10		10	10	10	10	10	10	10	
SRF EC																	
LRF		5	5	5	5			10		10	10	10	10	10	10	10	
LRF EC	6	6		6	6			32	11	33	11	33	11	11	11	11	11
IRF		10		10		34	10			10	10			10	10		
MFF	Refer to Lindab																
MBF	8																
MBF EC	9																
TMBF	Refer to Lindab																

Roof fans

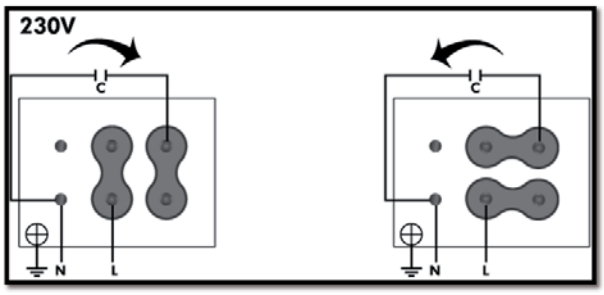
Model & Size	300	300H	400	400H	560	560H	660	660H	760	760H	960
CRF	3	5	3	5							
CRF EC	4			6							
RFS	3	5	3	5							
RFS EC	4			6							
HDF			5	5	5	10	10	10	10	10	10
HDF EC	4		6		32	11	33	11	11	11	11
VDF			5	5	5	10	10	10	10	10	10
VDF EC	4		6		32	11	33	11	11	11	11

Wiring diagrams

All other fans

Axial Fans	Wiring Diagram
PM	Refer to Lindab
CM	Refer to Lindab
Smoke Evacuation Fans	**Wiring Diagram**
All Fans	1- 230V 2- 230/400V
ATEX Rated Fans	**Wiring Diagram**
RKX	10
All Other Fans	1-230V 2-230/400V
Corrosion Resistant fans	**Wiring Diagram**
CRCF & CRJF	12-230V 13-230/400V
CRSF	1-230V 2-230/400V
Domestic Fans	**Wiring Diagram**
CGF-B	14
CGF-T	15
CGF-HT	15
CGF-PIR	14
CSF-B	14
CSF-T	15
CSF-PH	14
CRM (X)-B	16
CRM (X)-T	17
CRM (X)-HT	17
CRM (X)-R-B	16
CRM (X)-R-T	17
CRM (X)-R-HT	17
AGF (X)-B	28
AGF (X)-T	29
AGF (X)-BH	30
ASHR	31
AGHR	31
ASF-B	28
ASF-T	29
ASF-HT	30
AOF	26
MFP 100-125	20
MFP 150-315	21
MF SILENT 100-125	22
MF SILENT 160-315	23
IPA	28
SCF 165	14
CPF	27

1



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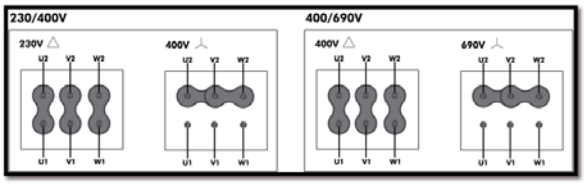

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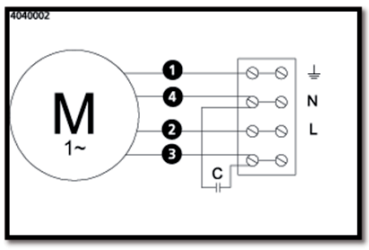

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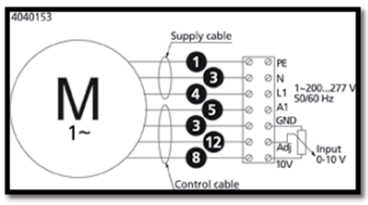

Wiring diagrams

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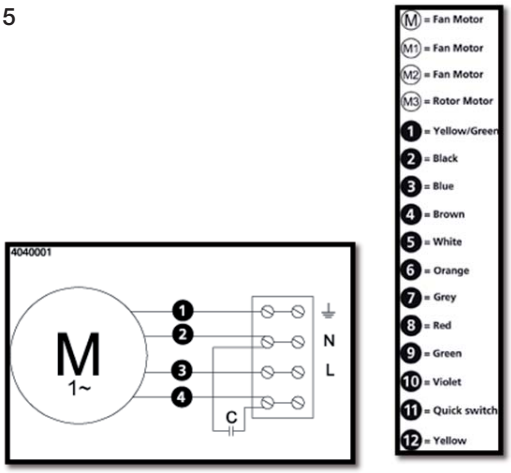

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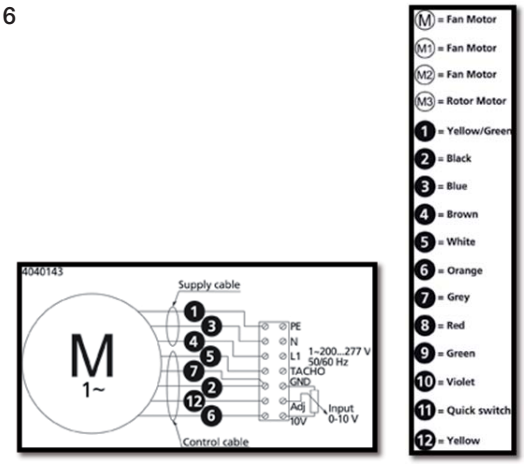

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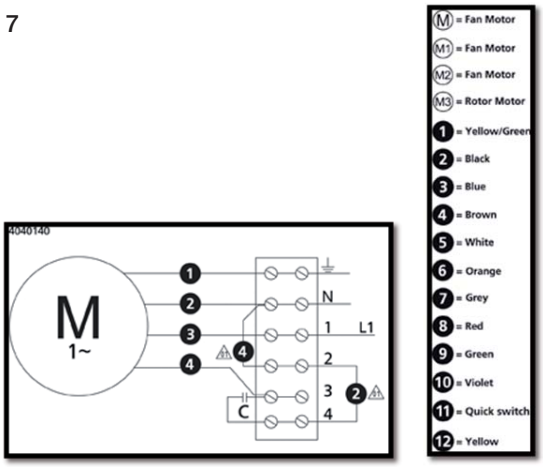

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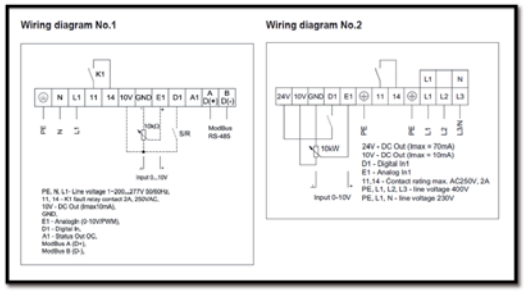

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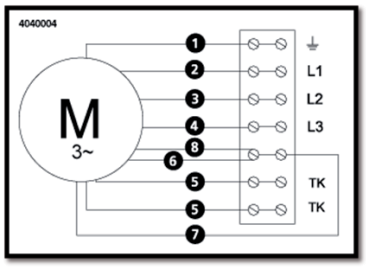

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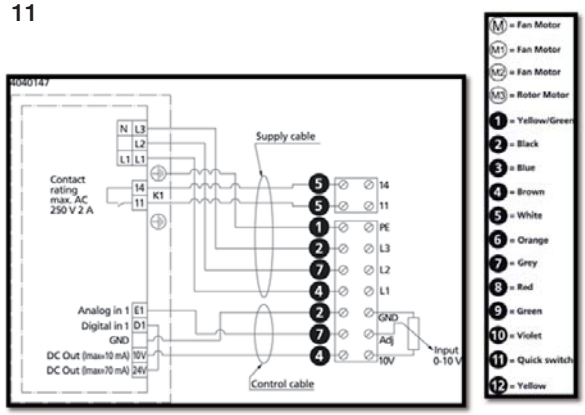

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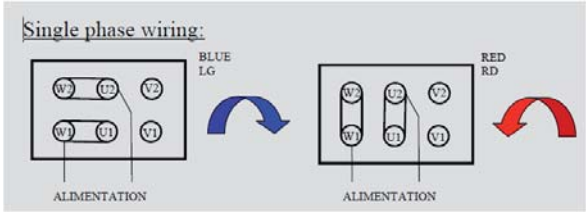

Wiring diagrams

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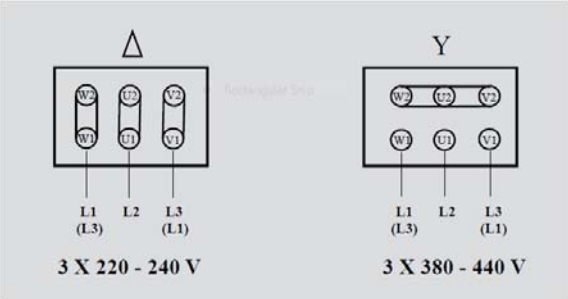

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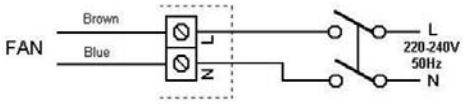

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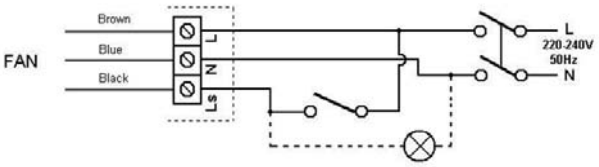

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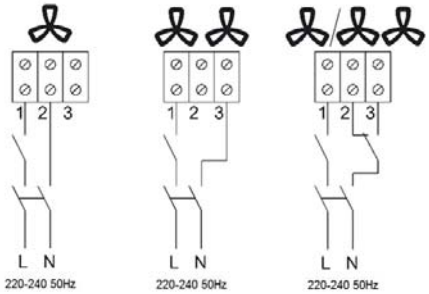

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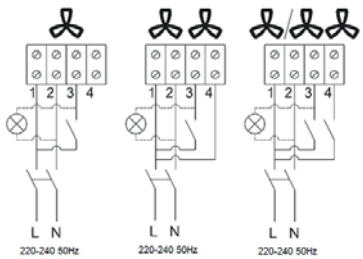

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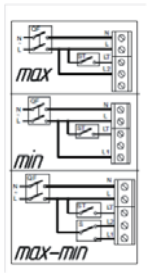

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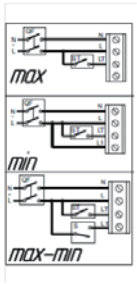

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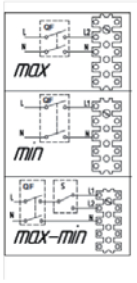

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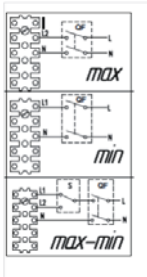

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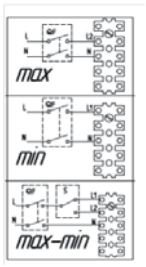

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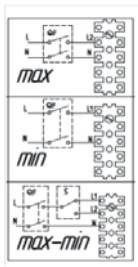

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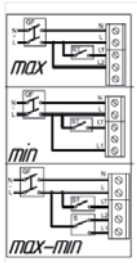

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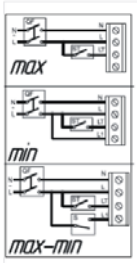

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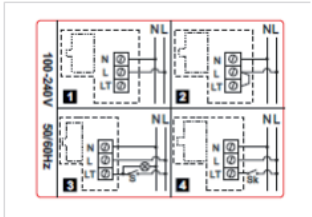

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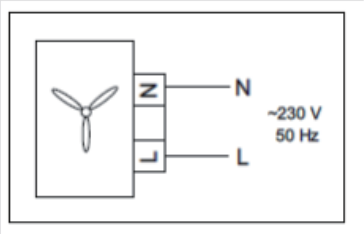

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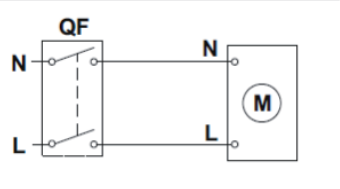

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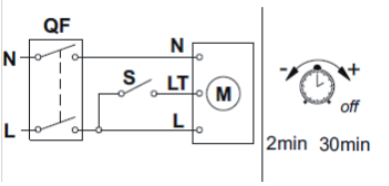

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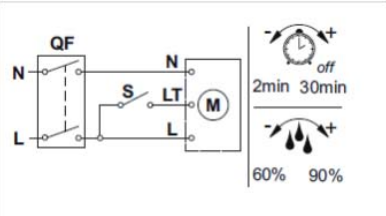

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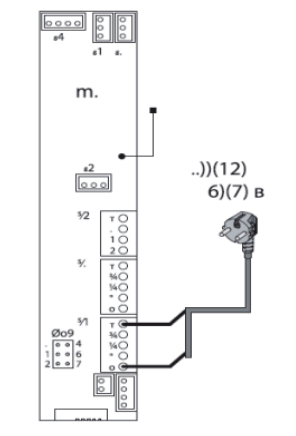

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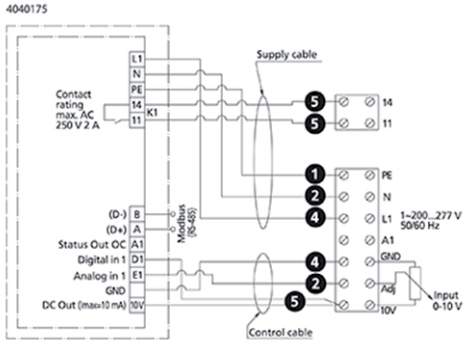

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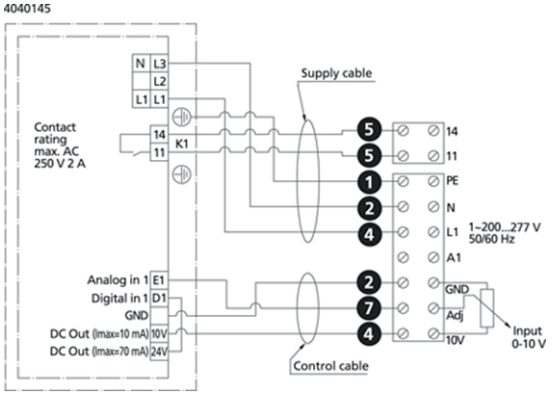

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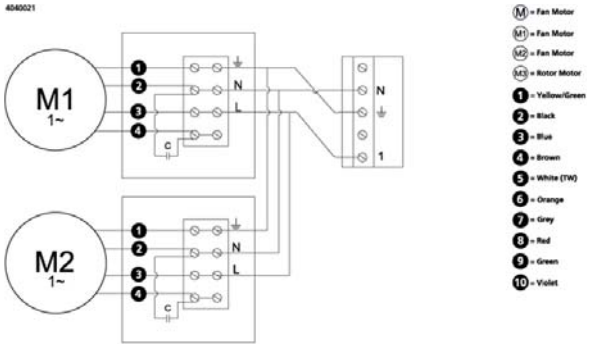

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Lindab®

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At Lindab we simplify construction for our customers. We do that by designing easy-to-use products and solutions, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

We simplify construction