

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 locations. 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.

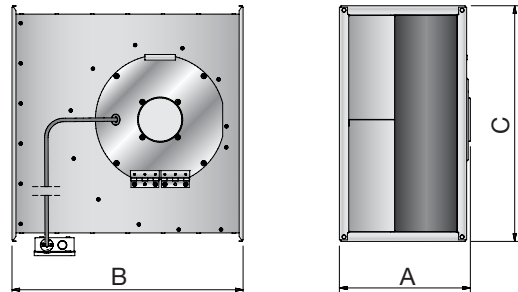
IP44 Motor

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

Ordering example

Product	LRFX	500x250
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

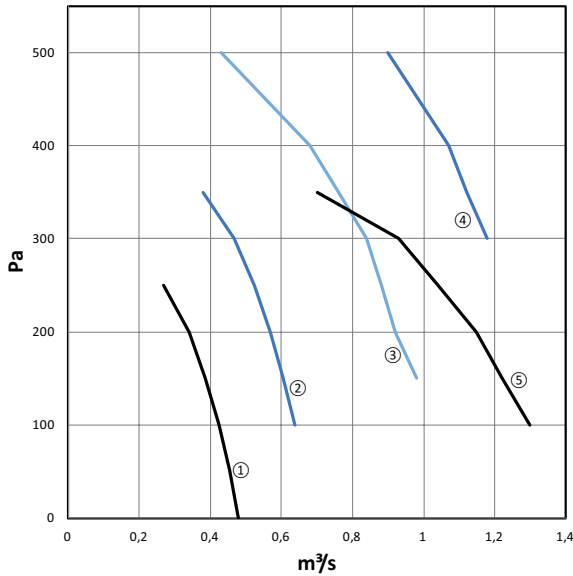
All fans are 400 volt.

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Technical data



Graph Ref.	Product	m³/s @ Pa										Motor W	Amps FLC	Speed RPM	
		0	50	100	150	200	250	300	350	400	500				
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)								Power dB(A)	dB(A) @ 3m
		63	125	250	500	1K	2K	4K	8K		
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