

# Rectangular Duct Fan

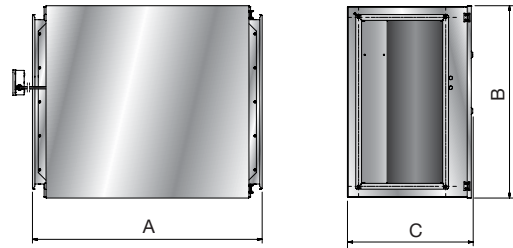
# SRF



## 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
SRF400x200	702	507	308	23,6
SRF400x200H	702	507	308	24,9
SRF500x250	744	608	410	38,0
SRF500x250H	744	608	410	36,8
SRF600x300	849	708	463	44,7
SRF600x350	849	708	513	49,0
SRF600x350H	849	708	513	50,6
SRF700x400	994	808	567	64,0
SRF700x400H	994	808	567	69,2
SRF800x500	1110	908	681	86,9
SRF800x500H	1110	908	681	89,1
SRF1000x500	1214	1108	697	113

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

## Ordering example

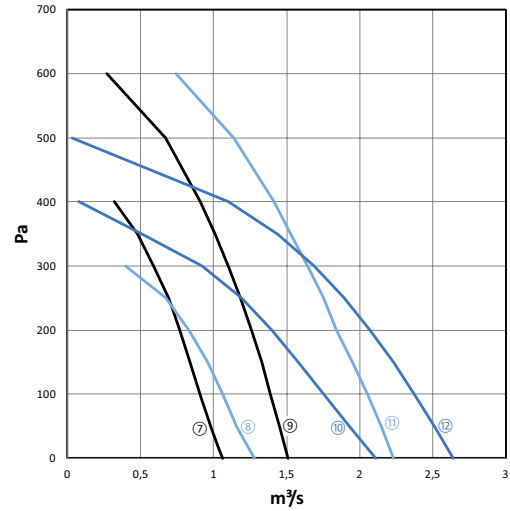
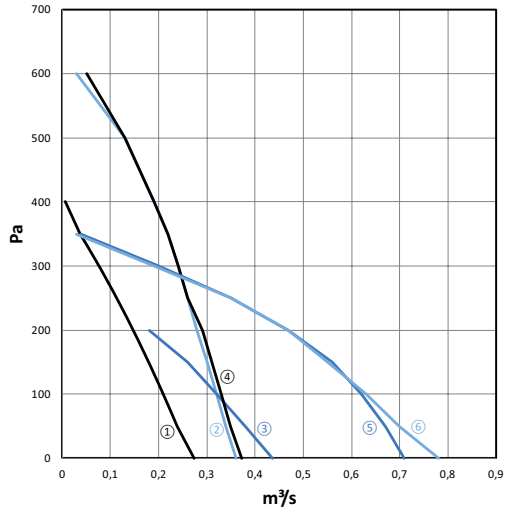
	<b>SRF</b>	<b>400 x 200</b>	<b>H</b>
Product			
Size			
Performance			

- 1
- 2
- 3
- 4
- 5
- 6
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- 14
- 15
- 16
- 17
- 18

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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	600				800	
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	

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