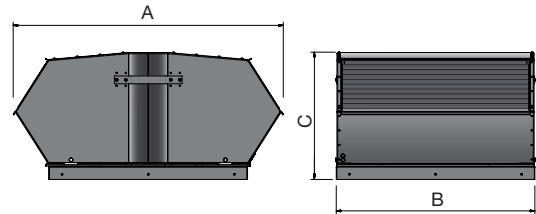


Horizontal Discharge Fan

HDF



Dimensions



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.

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
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.

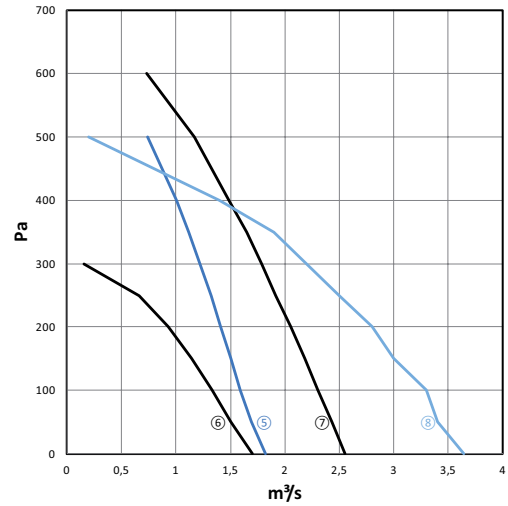
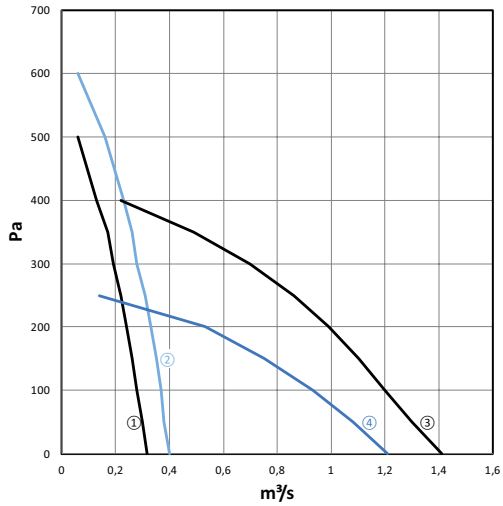
Ordering example



Horizontal Discharge Fan

HDF

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	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	HDF560H	1,41	1,3	1,2	1,1	0,99	0,86	0,7	0,49	0,22				435	0,8	1320
4	HDF660	1,21	1,08	0,93	0,75	0,53	0,14							247	0,56	930
5	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
6	HDF760	1,7	1,5	1,33	1,14	0,93	0,66	0,16						399	0,82	920
7	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
8	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	Frequency	Sound Power Level								dB(A) @ 3m
			63	125	250	500	1K	2K	4K	8K	
1	HDF400	Inlet	60	63	68	68	66	68	70	56	67
		Breakout	40	47	61	64	66	69	68	55	
2	HDF400H	Inlet	60	65	69	71	67	63	65	62	67
		Breakout	44	49	61	65	66	68	67	59	
3	HDF560H	Inlet	58	68	69	69	64	62	59	68	66
		Breakout	40	59	65	67	66	64	60	64	
4	HDF660	Inlet	57	65	63	62	57	55	56	43	58
		Breakout	41	51	57	59	59	56	52	42	
5	HDF660H	Inlet	64	71	74	78	73	70	68	69	70
		Breakout	46	65	68	70	71	68	64	61	
6	HDF760	Inlet	58	67	65	63	60	62	66	51	60
		Breakout	48	55	60	61	61	57	56	43	
7	HDF760H	Inlet	63	72	75	76	73	73	73	75	72
		Breakout	50	71	70	73	73	69	66	62	
8	HDF960	Inlet	66	73	73	73	71	68	61	71	80
		Breakout	44	65	69	75	82	83	78	70	