

# Vertical Discharge Fan

# VDF EC



## Description

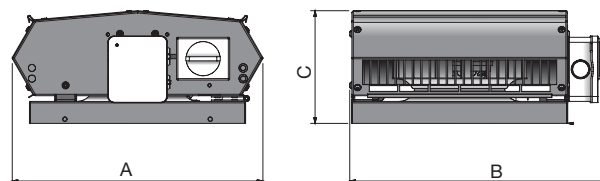
The VDF EC range of roof fans have a square connection with a vertical discharge pattern.

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.

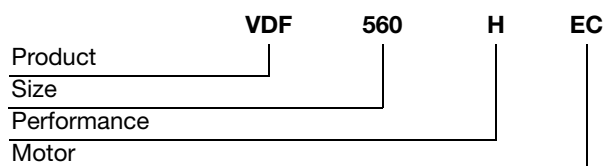
## Dimensions



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.

## Ordering example

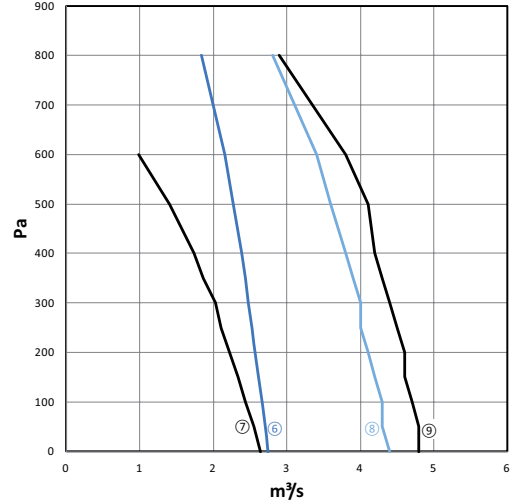
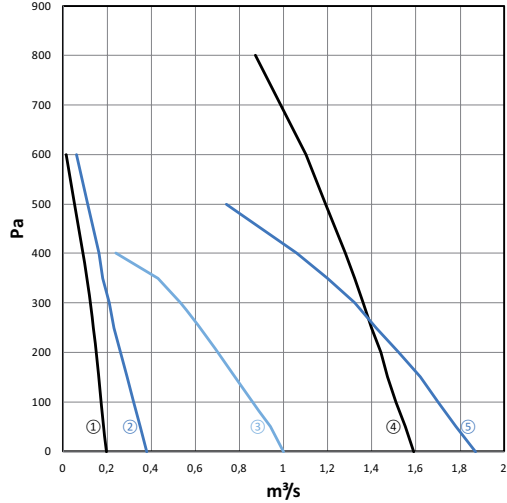


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## Technical data



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	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	Frequency	Sound Power Level								dB(A) @ 3m
			63	125	250	500	1K	2K	4K	8K	
1	VDF300 EC	Inlet	60	64	66	69	65	62	61	58	67
		Breakout	40	51	62	68	68	68	65	57	
2	VDF400 EC	Inlet	66	76	72	71	68	63	63	54	70
		Breakout	50	59	66	71	70	71	66	55	
3	VDF560 EC	Inlet	63	72	70	72	66	63	62	54	69
		Breakout	47	62	68	71	70	67	63	53	
4	VDF560H EC	Inlet	67	72	81	83	81	79	76	71	83
		Breakout	54	64	80	82	84	84	79	72	
5	VDF660 EC	Inlet	64	71	74	75	71	67	64	65	69
		Breakout	44	63	68	70	71	67	62	58	
6	VDF660H EC	Inlet	72	78	89	87	85	83	79	76	84
		Breakout	56	68	85	85	86	83	78	74	
7	VDF760 EC	Inlet	62	72	75	75	71	72	69	74	72
		Breakout	48	71	70	73	73	69	65	63	
8	VDF760H EC	Inlet	72	86	87	85	85	83	81	87	83
		Breakout	68	79	82	83	83	81	78	76	
9	VDF960 EC	Inlet	72	81	84	84	83	79	76	71	82
		Breakout	62	76	78	80	86	77	73	66	