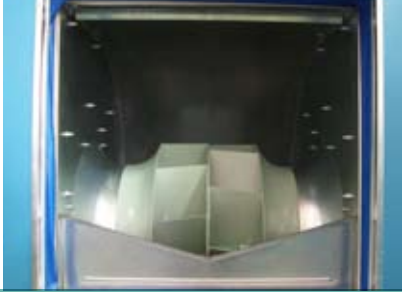


WELAIRE

WCF

DOUBLE SKIN
CABINET FAN





FEATURES

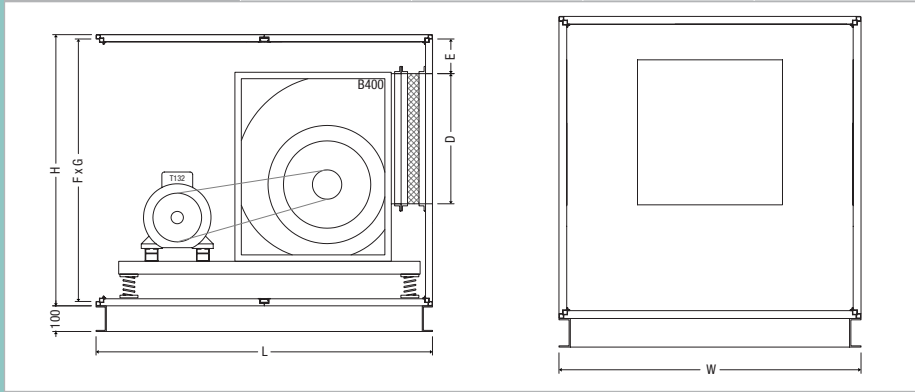


- Pentapost double wall construction with pressure injected polyurethane foam insulation with 'K' value of 0.02 Watts/m ° C and 40 kg/m³ density
 - Standard 30mm thickness
 - Optional 25mm or 60 mm thickness
- Double inlet double width centrifugal fan, forward or backward curved
- Motor specification: IP54, Class F
- Spring or neoprene isolators are included
- Simple installation
- Quick release access door for inspection. Hinged door is also available
- Vertical or horizontal air discharge
- Various options available
 - Filter rack /section
 - Damper
 - Dual motors arrangement, Class H motor, EFF 1 motor
 - Internal / external mounted control box with optional inverter



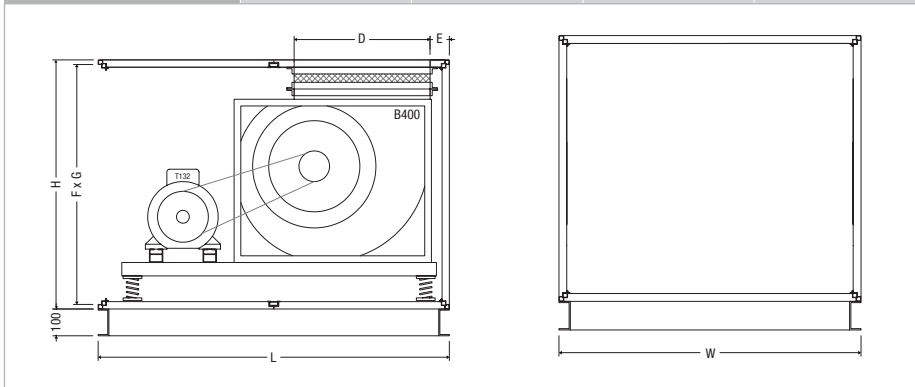
Welaire Cabinet Fan (Horizontal Discharge) - Dimension (mm)

Model No.	H	W	L	D	E	F	G
WCF-160H-A	548	548	802	208	41	488	488
WCF-180H-A	675	548	929	232	132	615	488
WCF-200H-A	675	548	929	260	98	615	488
WCF-225H-A	675	675	1056	292	53	615	615
WCF-250H-A	802	675	1056	326	135	742	615
WCF-280H-A	802	802	1183	364	77	742	742
WCF-315H-A	929	802	1183	408	144	869	742
WCF-355H-A	929	929	1310	456	68	869	869
WCF-400H-A	1056	1056	1310	510	113	996	996
WCF-450H-A	1183	1183	1437	572	149	1123	1123
WCF-500H-A	1183	1310	1564	642	58	1123	1250
WCF-560H-A	1437	1437	1818	718	200	1377	1377
WCF-630H-A	1564	1564	1818	804	170	1504	1504
WCF-710H-A	1691	1818	2072	902	152	1631	1758
WCF-800H-A	1818	2072	2199	1010	93	1758	2012
WCF-900H-A	2072	2199	2326	1134	167	2012	2139
WCF-1000H-A	2199	2326	2453	1270	132	2139	2266



Welaire Cabinet Fan (Vertical Discharge) - Dimension (mm)

Model No.	H	W	L	D	E	F	G
WCF-160V-A	675	548	802	208	50	615	488
WCF-180V-A	675	548	929	232	50	615	488
WCF-200V-A	675	548	929	260	50	615	488
WCF-225V-A	675	675	929	292	50	615	615
WCF-250V-A	802	675	1056	326	50	742	615
WCF-280V-A	802	802	1056	364	50	742	742
WCF-315V-A	802	802	1183	408	50	742	742
WCF-355V-A	929	929	1310	456	50	869	869
WCF-400V-A	929	1056	1310	510	50	869	996
WCF-450V-A	1056	1183	1437	572	50	996	1123
WCF-500V-A	1183	1310	1564	642	50	1123	1250
WCF-560V-A	1310	1437	1691	718	50	1250	1377
WCF-630V-A	1310	1564	1818	804	50	1250	1504
WCF-710V-A	1437	1818	2072	902	50	1377	1758
WCF-800V-A	1691	2072	2199	1010	50	1631	2012
WCF-900V-A	1818	2199	2453	1134	50	1758	2139
WCF-1000V-A	1945	2326	2580	1270	50	1885	2266



Technical Specifications

Model No.	Wheel Diameter	Air Volume		External Static Pressure		Motor Power	
	mm	CMH		Pa		kW	
WCF-160	160	700	2,500	200	1500	0.18	1.1
WCF-180	180	800	3,000	200	1500	0.18	1.5
WCF-200	200	1,000	4,000	200	1500	0.18	1.5
WCF-225	225	1,200	5,000	200	1500	0.18	2.2
WCF-250	250	1,500	5,000	200	1500	0.18	2.2
WCF-280	280	2,000	8,000	200	1500	0.25	4
WCF-315	315	2,500	10,000	200	1500	0.25	5.5
WCF-355	355	3,000	12,000	200	1500	0.25	5.5
WCF-400	400	4,000	15,000	200	1500	0.37	7.5
WCF-450	450	5,000	17,000	200	1500	0.37	7.5
WCF-500	500	5,000	20,000	200	1500	0.55	11
WCF-560	560	6,000	25,000	200	1500	0.55	11
WCF-630	630	8,000	35,000	200	1500	0.75	15
WCF-710	710	10,000	40,000	200	1500	1.1	22
WCF-800	800	12,000	60,000	200	1500	1.5	37
WCF-900	900	15,000	80,000	200	1500	2.2	37
WCF-1000	1000	20,000	100,000	200	1500	2.2	40

Nomenclature | WCF-400H F40 - A

WCF → Welaire Cabinet Fan

400 → Diameter of Fan Wheel

H → Horizontal Discharge

F → Forward Curve

40 → 4.0kW

A → Generation

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