

WW – side-duct blower



WW-3000



WW-7500

Application

WW side-duct blowers are meant for conveying the air in condotions where high pressure or vacuum is required. They are applied in industrial vacuum cleaners, high-vacuum filtering units, for aeration of water reservoirs (sewage treatment plants) or attraction elements to the swimming pools, i. e. air geysers. Additionally, WW side-duct blowers find interest in pneumatic mail, pneumatic transport, graphics machines, electroplating plants. They can also be applied for oilfree-transporting of the non-aggressive-, and non-explosive gases.

Structure

The fan consists of a housing, cast aluminium radial impeller, two silencers and a motor. The impeller is directly installed at motor shaft journal, whereas the silencers are fastened at the inlet- and outlet fitting pieces. The appliance is adapted for operation both, in horizontal and vertical position.

Operational conditions:

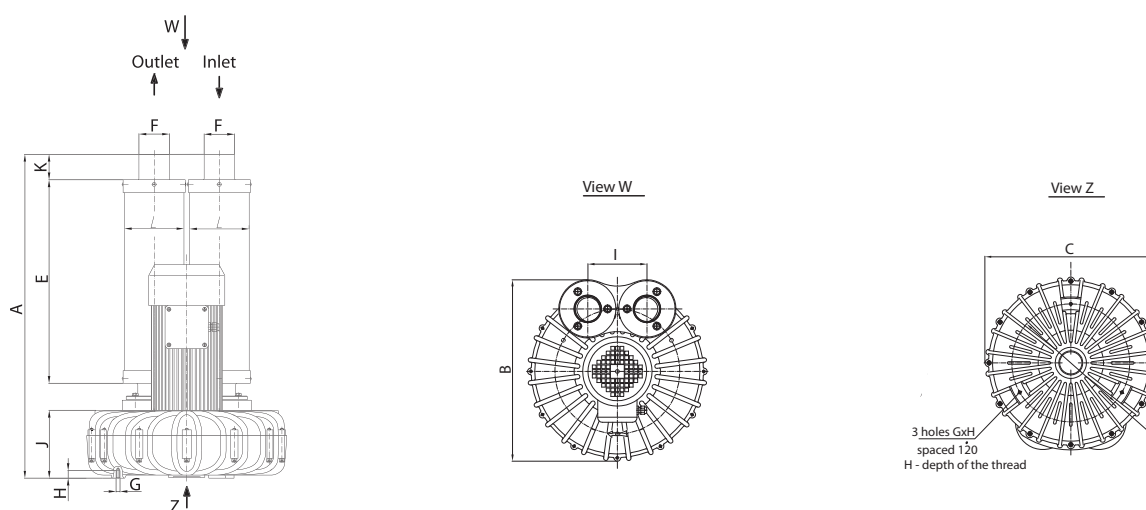
- admissible temperature of the forwarded air +40°C,
- the blower should not convey the viscous impurities, creating explosion hazard, or of dustiness exceeding 0,3 g/m³.

Technical Data

Type	Part No.	Maximum volume flow [m³/h]	Supply voltage [V]	Synchronous rotations [1/min]	Motor rate [kW]	Acoustic pressure level [dB(A)]	Ingress protection IP	Weight [kg]
WW-3000	843W56	300	3x400	3000	3,0	81	54	39
WW-7500	843W57	600	3x400	3000	7,5	87	54	74



Example of application of the blower for the „air geyser”



Dimensions

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]	K [mm]	L [mm]
WW-3000	637	393	393	270	400	60	M8	18	128	132	50	110
WW-7500	670	482	482	350	400	60	M8	20	144	160	50	110

Flow Charts

