

WW – stationary fan



WW-2-1-1100

motor rate of the blower in W
number of phases
blower size
blower type

Purpose

The WW-type high-pressure blowers are applied for transporting the air in conditions where high pressure or vacuum is required. They are used in industrial vacuum cleaners, high-vacuum filtering units, for aeration of water reservoirs (sewage treatment plants) or to create an "air geyser" in swimming pools as spectacular element.

Structure

Construction: a housing, aluminium cast radial impeller, two silencers and motor. Whereby, the impeller is directly mounted at the motor shaft (direct drive). Silencers are installed at the inlet and outlet. The blower can work in horizontal and vertical position.

Conditions of use:

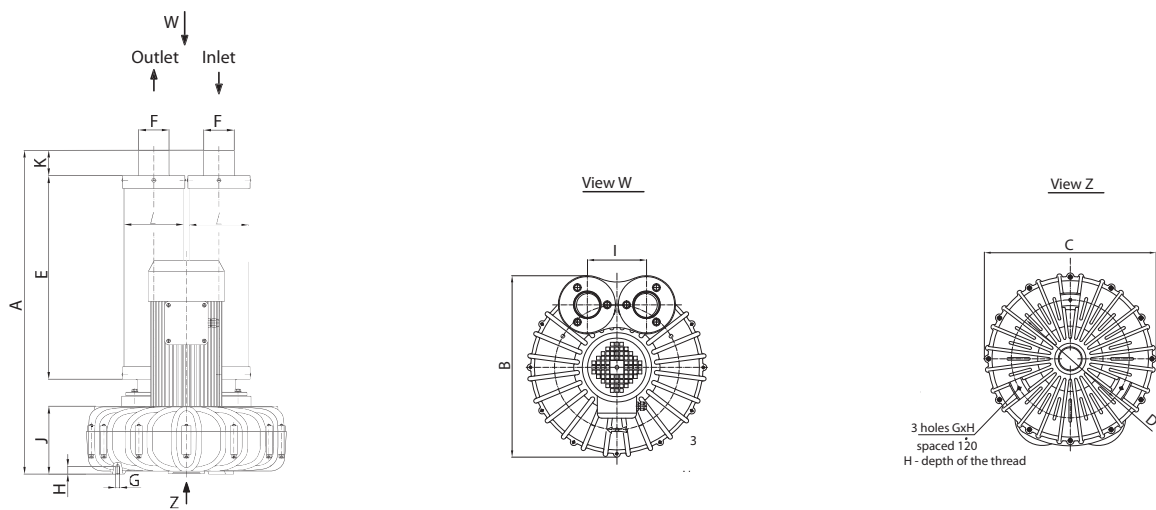
- admissible temperature of the forwarded air +40°C,
- the blower cannot convey viscous impurities, substances creating explosion hazard or media of dustiness exceeding 0,3 g/m³.

Technical data

Type	Part no.	Maximum volume flow [m ³ /h]	Supply voltage [V]	Synchronous rotations [1/min]	Motor rate [kW]	Acoustic pressure level [dB(A)] from a distance of:	Ingress protection IP	Weight [kg]
WW-2-1-1100	843W20	180	230	3000	1,1	80	54	25
WW-2-3-1100	843W55	180	3x400	3000	1,1	80	54	25
WW-3-3-3000	843W56	300	3x400	3000	3,0	81	54	39
WW-4-3-7500	843W57	600	3x400	3000	7,5	87	54	74



Example of application of the high-pressure blower as an “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-2-1-1100	637	378	368	265	400	60	M6	15	118	105	50	110
WW-2-3-1100	637	378	368	265	400	60	M6	15	118	105	50	110
WW-3-3-3000	637	393	393	270	400	60	M8	18	128	132	50	110
WW-4-3-7500	670	482	482	350	400	60	M8	20	144	160	50	110

Flow charts

