

WPA-P-N/Ex

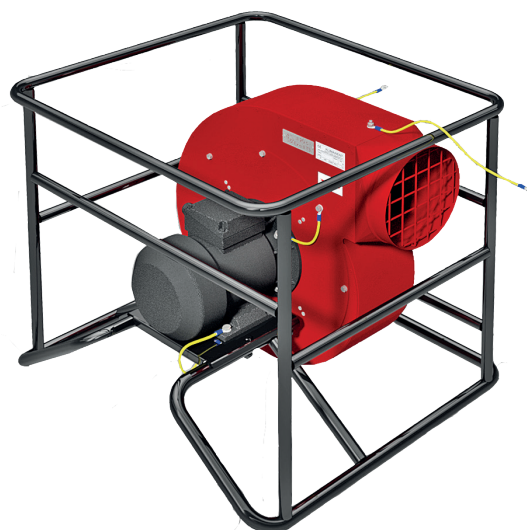
PORTABLE FAN

APPLICATION

- function in areas of explosion areas of flammable substances, such as a mixture of gases, vapours mists with the air
- application with local exhausts and filtering units
- designation for transporting the dry air of dustiness not exceeding $0,3 \text{ g/m}^3$, without viscous contamination and aggressive compounds and of maximum temperature $+60^\circ\text{C}$

FEATURES

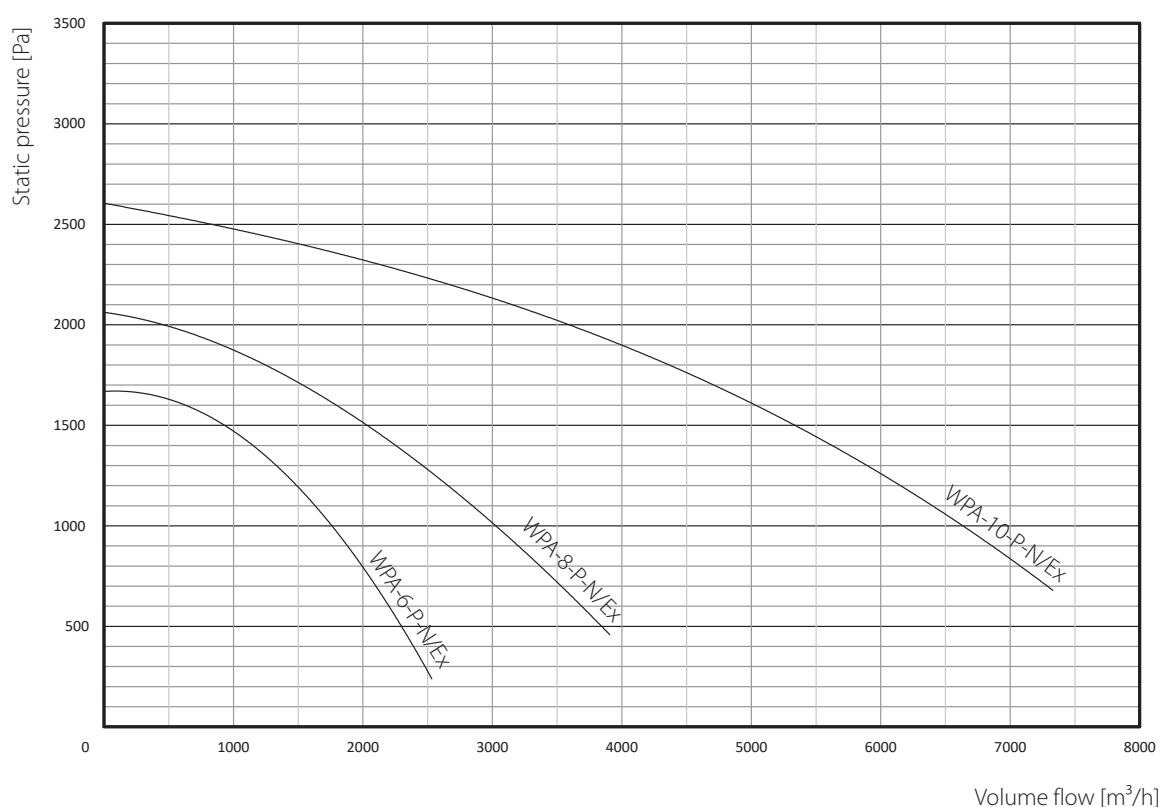
- spiral steel housing
- Ex execution motor – the aluminium radial impeller is directly installed at the motor shaft (direct drive)
- inlet and outlet are equipped with protective grills
- framework – additionally providing vibro-absorption
- connection fitting pieces of the fan are equipped with protective cables dissipating the electrostatic charges
- temperature range: from -20°C up to $+40^\circ\text{C}$



II 2 G c Ex e II T3

ADVANTAGES

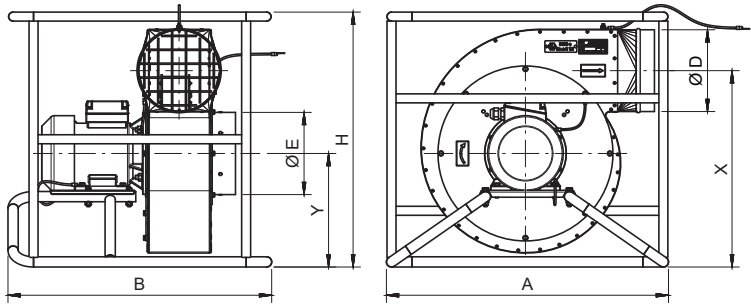
- provides safety in areas of explosion hazard
- ability to overcome significant flow resistances of the system
- optimum acoustic pressure level



TECHNICAL DATA

Type	Part No.	Designation	Synchronous rotations* [1/min]	Supply voltage [V]; 50 Hz	Motor rate [kW]	Motor ingress protection IP	Acoustic pressure level [dB(A)] from distance:		Maximum volume flow [m³/h]	Maximum vacuum [Pa]	Weight [kg]
							1 m	5 m			
WPA-6-P-N/Ex	888W16	II 2 G c Ex e II T3	3000	3x400	0,75	56	83/75**	69/61**	2500	1700	26
WPA-8-P-N/Ex	888W17	II 2 G c Ex e II T3	3000	3x400	1,5	56	88/78**	74/64**	3900	2050	34
WPA-10-P-N/Ex	888W18	II 2 G c Ex e II T3	3000	3x400	4,0	56	91/81**	77/67**	7400	2600	74

* The fan motors are adapted for application with rotational speed governor.
** Noise measurement has been taken with application of TK L = 500 mm silencers, installed at the inlet and outlet of the fan (WPA-3-P-N/Ex silencer TK L = 370 mm).



DIMENSIONS

Type	A [mm]	B [mm]	ØD [mm]	ØE [mm]	X [mm]	Y [mm]	H [mm]
WPA-6-P-N/Ex	555	605	160	160	455	245	575
WPA-8-P-N/Ex	690	645	200	200	480	280	625
WPA-10-P-N/Ex	775	825	250	250	540	310	745