

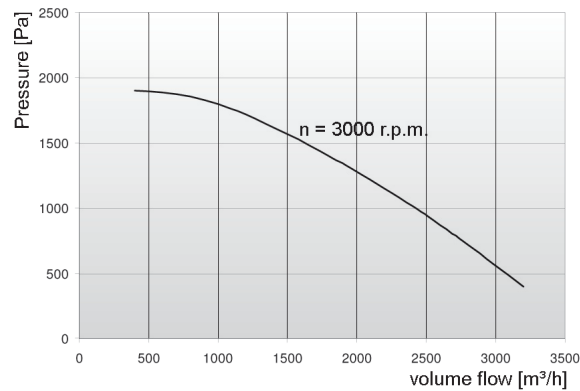
Application

They are designed for use in areas of explosion risk, where explosive atmosphere can occur, i.e. mixture of flammable substances in a form of gases, vapours and mists with the air. Due to increased pressure it is possible to apply the fans with local exhausts and with the filtering units and also with a ventilation system of significant resistances.

Structure

The WPW-3/Ex fan consists of a steel housing, brass radial impeller and explosion-proof motor placed in a frame of vibro-absorbing properties. The impeller is mounted directly on the motor shaft. The inlet and housing are equipped with copper cables to lead the electrostatic charges away.

Flow charts



Technical data

Type	Part №	Supply voltage [V]	Synchronous rotations [1/min]	Motor rate [kW]	Rated current [A]	Noise level [dB(A)] from distance		Ingress protection IP	Weight [kg]
						1 m	5 m		
WPW 3/Ex/3000 II 2G T3	808W36	3 × 400	3000	1,5	3,5	83*	76*	54	34

* Noise level was measured with attached silencers TK-200-500 at the inlet and outlet.

1. Maximum temperature of the conveyed air +60°C. Maximum temperature in the work area +40°C.
2. The fans can be applied for transporting the dry air of maximum dustiness 0,3 g/m³.