

# WET-N

WET DUST SEPARATORS

## APPLICATION

- removal of dry, wet and viscous dusts
- extraction of dust with large amount of sparks
- dust control in industry branches: chemical-, pharmaceutical-, metal-and food industry

## FEATURES

- mixing chamber – contains a guiding plate, creating a whirlpool of a water-dust mixture
- hopper – receiving the waste of filtration
- shear botom closing, with a sludge container
- drainage valve
- fan – located above the mixing chamber
- float indicators – controlling the level and water replenishment in the mixing chamber
- switchgear
- revision covers of the dripping set
- the device is connected to the water supply ducting
- the device is equipped with a double-set of sludge discharge (for daily removal of sludge), is implemented a sludge container, supplied from water installation, that washes out the accumulated waste, conveyed further to a container placed nearby the device, providing the efficient water saving)

- the accumulated sludge (in the collective hopper) ought to be discharged systematically after the pneumatulic shear closing is closed, whereby the drainage valve must be opened
- after the sludge is discharged, the water in the mixing chamber is re-filled automatically

## ADVANTAGES

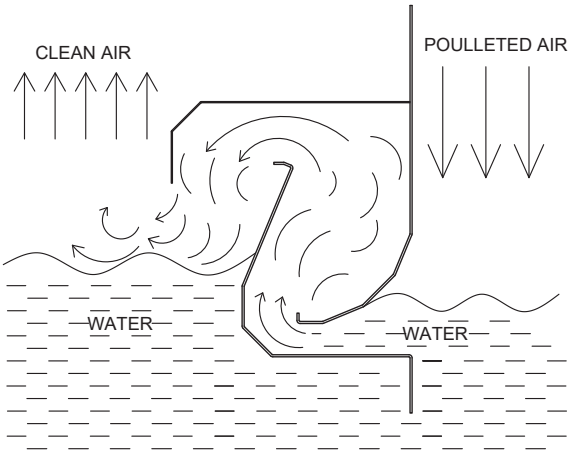
- wide application in varipus fields of industry
- safe and efficient dust filtration, even dusts with significant amount of sparks and with hard-to-handle viscous dust particles



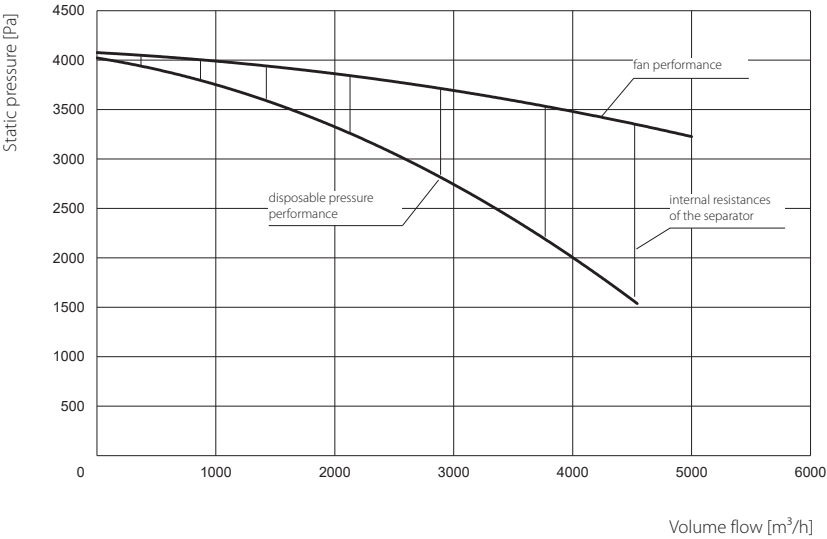
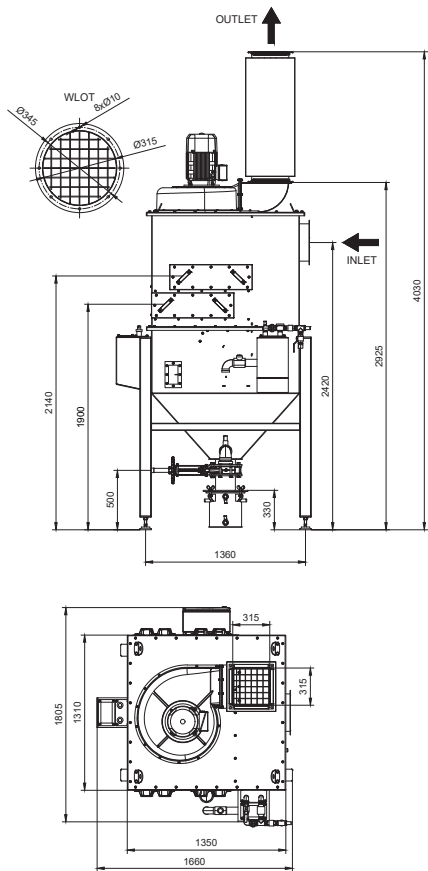
## TECHNICAL DATA

| Type       | Part No. | Maximum volume flow [m³/h] | Maximum vacuum [Pa] | Supply voltage [V] | Motor rate [kW] | Acoustic pressure level [dB(A)] from distance 1 m: | Capacity of the water chamber [m³] | Weight [kg] |
|------------|----------|----------------------------|---------------------|--------------------|-----------------|--|------------------------------------|-------------|
| WET-4000-N | 800O14   | 5000                       | 4000                | 3x400              | 5,5             | 72   | 0,65                               | 937         |
| WET-6000-N | 800O13   | 9000                       | 4500                | 3x400              | 11              | 76   | 0,65                               | 1037        |

## FUNCTION



WET-4000-N



WET-6000-N

