

## Mistral® 20 Fogblower™

### Indoor dust control using an micro-fine mist

The **Mistral® 20 Fogblower™** is ideal for dust control for:

- The transfer of bulk goods;
- The transport of dust-producing products;
- Bulk storage in warehouses;
- Sand and gravel companies;
- Odor control;
- Air freshening and adiabatic cooling.



#### How it works

The **Mistral® 20 Fogblower™** consists of three main elements:

- The Fogtube™ which is made from synthetic materials and which comes with a safety grill;
- The axial fan;
- The unique Rotator® which comes with an electric motor, centrifuge and frequency converter.

The centrifuge spins at high velocity. The water which runs into the main part of the centrifuge is pushed out through the micro-fine openings in the centrifuge's cylinder. This process creates a micro-fine mist consisting of millions of uniform drops of water. The fine and consistent mist will agglomerate to dust particles which are floating in the air.

#### Extensive experience with micro-fine dispersion

Our company has been suppressing dust particles, both indoors and outdoors, for over 20 years. We have done this using sustainable products like water and air.

#### Benefits

The **Mistral® 20 Fogblower™** offers the following benefits:

- Limited water consumption due to micro-fine dispersion;
- Limited energy consumption;
- A low investment cost;
- Low maintenance costs;
- Robustness;
- A unique Rotator® which prevents clogged nozzles;
- The **Mistral® 20 Fogblower™** can also be used as an odor suppressor by equipping it with an optional dosing pump which contains a mix of water and anti-odor liquid.
- The mist will insure that the dust on ground is limited and that a pleasant environment is created without any resulting water damage.

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#### Technical data Mistral® 20 Fogblower™

	Einheit	Wert
Length	mm	600
Height	mm	500
Width	mm	500
Weight	kg	25
Mist range windless 20°C	m	10 - 20
Water consumption	l/hr.	25

#### Generator

Voltage	V	230
Frequency	Hz	50
Fuse	A	13
Amperage	A	11
Seal	IP	55
Maximum ambient temperature	°C	0 - 50

#### Rotator®

Frequency converter	-	
Voltage	V	220 - 240
Power (single-phase)	W	max. 300
Rotor revolutions	rpm	2.000 - 11.500
Water consumption	l/hr.	20 - 180
Water pressure input	bar	0,5
Mist spectrum	µm	40 - 70

#### Ventilator

Power	W	360
Voltage	V	230
Frequency	Hz	50
Seal	IP	54

#### Options

- Can be hung using 4 chains with a minimum of 100 kg tensile strength per chain.
- Can be moved using a trailer.
- Comes with a water consumption of up 180 liters per hour.

#### Optional

- Remote control

#### Passat® 25 Fogblower™

- For large warehouses and areas

