

Misty

Decontamination water shower



Misty decontamination water shower operates through the action of water spray which dampens the operator clothing (generally made in Tyvek), to adhere powders, without getting him wet.

This solution helps to prevent any propagation of the dangerous particulate outside the isolated area.

The best strategy to achieve this purpose is to saturate quickly the area inside the shower, spraying water drops of 5-10 μ to wet the surfaces and create water pearls on the clothing.

Depending on the contact time under the shower, water drops keep growing until they softly roll down along the clothing.

Decontamination water shower has two different operation modes:

1. WET FOG MODE

Standard mode, for typical conditions of exposure to active powders. The operator uses the shower spraying the water (drops of 5-10 μ) and saturating the area, to contain volatile powders and allow the safe exit.



2. RAIN MODE

Exceptional use, in conditions of exposure to an excessive quantity of active powders. The operator uses the shower generating such a rain to allow the complete washing of the clothing.

Deposit of contaminated clothing. A hinged door opening from the inside of the shower allows to throw out and stock the contaminated clothing directly in a bag with safe replacement system, avoiding any contamination during the wasted clothing recovery.



The special version Mix Shower combines the standard air shower functionality with the action of Misty atomized water.

MISTY - MIST SHOWER

	ST	SAFETY*
Decontamination area WxDxH (mm)	1200x1200x2200	1200x1200x2350
External dimensions WxDxH (mm)	1300x1300x2700	2200x1300x3000
Water consumption - decontaminating cycle @ 2 bar (l/h)	15	15
Compressed air consumption - decontaminating cycle @ 2 bar (l/min)	75	75
Air flowrate (m ³ /h)	150	150
Noise level (dBa)	<60	<60
Power (kW)	0,2	0,2
Power supply (V/ph/Hz)	230/2/50-60	230/2/50-60