



MISTY DECONTAMINATION WATER SHOWER

Misty decontamination water shower operates through the action of microcondensation 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 dangerous particles outside the isolated area and allows the worker to remove contaminated clothing and avoid breathing in potential harmful substances. 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 droplets on the clothing.

Misty decontamination water shower has two different operation modes:

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 with the generated fog, to contain volatile powders and allow the undressing and safe exit.

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.

The equipment can be fitted with a 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 continuous liner 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.



OPTIONS:

- Stainless steel AISI 316 manufacturing.
- ATEX execution.
- Movable and removable frontal panel, equipped with gloves for the maximum operator protection.
- Drums lifting system integrated in the structure.
- Continuous liner for the waste disposal.
- Total containment version.
- CFR 21 Annex 1 compliance.

Features	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