

FOG MAKER *Rino a.p.*

Pressure 70bar
Fan jet 30m

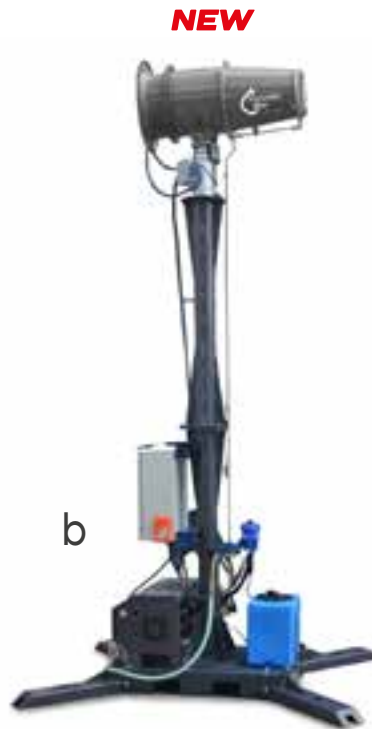
Rino: how does the Industrial fogging system work



How do fog makers for dust suppression work?



a



NEW

b



NEW

c

Rino A.P. 70bar

Rino is the new fog cannon to **neutralize** and **suppress** the finest **dust** in the atmosphere (from 0,5 to 2micron). Configurable with different flow rates to meet specific requirements. Ideal for a wide range of **applications**: suppression and prevention of dust, temperature reduction, odour neutralization, cooling of large outdoor areas and air purification. The jet can reach 30 metres without wind.



Fog nozzle created by Idrobase Group, to spray billions of micro droplets with a diameter of 1,4 to 10micron



Control panel of industrial dust control system Rino



High pressure pumping module at 70bar with flow rate from 11 to 21l/min designed especially for maximum output




Practical remote control to regulate work/pause times as well as rotation and elevation. Range 30m

Technical features

Code	Model	Description	Pressure	Flow rate	Drop size	Power	Dimensions	Weight		
a ZX.8300	RINO HP 70-11		70bar	11l/min	18mcr	4,5Kw (3x400V)	750 x 1150 x 2400	350kg		
a ZX.8301	RINO HP 70-15	Industrial fogging system for dust suppression with fog module, short support column 2m, water filter and control panel mounted on a metal base		15l/min	24mcr	5,2Kw (3x400V)				
a ZX.8303	RINO HP 70-21			21l/min	24mcr	6Kw (3x400V)				
b ZX.8313	RINO HP 70-4M	Industrial fogging system with fog module, short support column 2m, water filter and control panel mounted on a metal base		11l/min	18mcr	4,5Kw (3x400V)			750 x 1150 x 4400	450kg
c ZX.8333	RINO HP 70 MOBILE	Industrial fogging system with fog module, short support column 2m, water filter and control panel mounted on a metal base		21l/min	24mcr	6Kw (3x400V)			2240 x 1400 x 2450	580kg

Recommended accessories




ZX.0021

Dosatron dosing pump for operation

- Dosage percentage 0,2-2%
- Flow rate 10l/h-2,5m³/h
- Water pressure 0,3-6bar
- Product injection flow rate 0,02l/h-50l/h
- Connections G3/4" M-M

High-density, 50L, Polyethylene tank
Dimensions LxWxH: 41 x 30 x 45cm



IT.9078

Remote control 8 keys with relay transmitter and receiver, with the following functions:

- ON/OFF general
- Rotation angle ctrl (rh/lh)
- Rotation control (ON/OFF)
- Rotation angle memory control
- Emergency stop control
- Nozzles ring activation control



Technical features

- **Pressure:** 70bar
- **No. of nozzles:** 1 ring with 30 nozzles
- **Maximum coverage:** approx. 1.900m²
- **Air flow rate:** 9.200m³/h
- **Power absorption:** fan 3kW
- **Power supply:** 400 V-50Hz
- **Rotation** right/left
- **Rotating range:** 330°
- **Elevation:** -25° +35°
- **Fan diameter:** 450mm
- **2800Rpm**
- **Flow range:** 30m (without wind)
- **Noise:** < 80Lwa
- **ON/OFF** switch
- **Pulse counter** for rotation angle programming
- **Fan start**
- **Start water** supply (motor-pump/solenoid valves)
- **Work/pause** cycle timer
- **Operation light** with buzzer
- **Protection rating:** IP54