

# FOG MAKER Rino



## HP Rino 70bar, the atmosphere purifier

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 Iridobase Group, to generate 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

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#### Technical data

Code	Model	Description	Pressure	Flow	Power	Dimensions (WxDxH) mm	Weight
ZK-83500	<b>RINO HP 70-11</b>	Industrial fogging system for dust suppression with fog module, short support column, water filter and control panel mounted on a metal base	70bar	11l/min	2,25kW (23kVACV)	750 x 1150 x 2400	350kg
ZK-83301	<b>RINO HP 70-15</b>	Industrial fogging system for dust suppression with fog module, short support column, water filter and control panel mounted on a metal base	70bar	15l/min	2,21kW (23kVACV)	750 x 1150 x 2400	350kg
ZK-83303	<b>RINO HP 70-21</b>	Industrial fogging system for dust suppression with fog module, short support column, water filter and control panel mounted on a metal base	70bar	21l/min	3kW (23kVACV)	750 x 1150 x 2400	350kg

#### Recommended accessories

<p><b>ZK-0021</b></p> <p><b>Dustion dosing pump</b> for operation</p> <ul style="list-style-type: none"> <li>• Usage percentage: 0,2-2%</li> <li>• Binder flow rate: 10l/h (2,5 ml/h)</li> <li>• Binder pressure: 0,3-10bar</li> <li>• Product injection: 15ml</li> <li>• Pure: 0,5µm / 1-20µm / 4-14µm</li> <li>• Connected: 0,3 / 4-14</li> </ul> <p>High-density 50L Polyethylene Tank Dimensions: 140x84x64x4cm</p>	<p><b>IT-0028</b></p> <p><b>Remote control</b> 3 km, with relay transmitter and receiver with the following functions: ON / OFF general • Rotation angle control (RH/HL) • Rotation control (CW/CCW) • Rotation angle memory control • Emergency stop function • Resets ring oscillator control</p>
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#### Technical features

- Pressure: up to 70bar
  - No. of nozzles: 7 ring with 30 nozzles
  - Maximum coverage: approx. 1.900m<sup>2</sup>
  - Air flow rate: 3.200m<sup>3</sup>/h
  - Water flow rate: 4-21l/min
  - Power absorption: 1m 3kW
  - Power supply: 400 V-50Hz
  - Protection rating: IP65
  - Rotation range: 370°
  - Elevation: -25° - 45°
- Fan diameter: 450mm
  - 2800Rpm
  - Flow range: approx. 30m
  - Noise: < 80lxw
  - ON/OFF SWITCH
  - Rotation right/left
  - Pulse counter for rotation angle programming
  - Fan start
  - Start water supply
- (rotas- pump/ solenoid valves)
- Work/pause cycle timer
  - Operation light with buzzer

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