Fog module with costant pressure and variable flow rate 3x400V-50Hz

> Idrotech technology at Padua Botanical Garden



Fog 70 Var 2: how to humidify different areas





FOG 70 Var 2



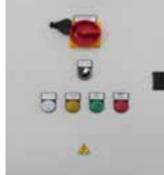
One single installation to control different areas at the same time

FOG 70 Var 3

The industrial fog modules are specially designed for **independent fogging** of two or more areas. Choose the Var 2 and Var 3 modules: equipped with an inverter that allows the **pump capacity** to be **adjusted** depending on active lines. Thanks to the sensors, any changing fogging requirements are detected, depending on the measured humidity and temperature values.



Detail of panel Fog 70 Var2



Detail of panel Fog 70 Var3



Control unit for management of pause/work times and provision for signal reception at 4:20mA (Available only for Var 2)

Variable-frequency drive system

Technical features									
Fog 70 Var 2	Code	Model	*Nozzles min - max	Pressure	**Flow rate min - max	Power	Weight		
	ZX.8044-T	FOG 70 VAR2 - 6,5	25 - 86	30-70bar	1,9 - 6,51/min	3kW (3x400V)	65kg		
	ZX.8045-T	FOG 70 VAR2 - 8	32 - 106	30-70bar	2,4 - 81/min	3kW (3x400V)	65kg		
	ZX.8046-T	FOG 70 VAR2 - 11	44 - 146	30-70bar	3,3 - 111/min	3kW (3x400V)	68kg		
	ZX.8048-T	FOG 70 VAR2 - 13	52 - 173	30-70bar	3,9 - 131/min	3kW (3x400V)	68kg		
	ZX.8047-T	FOG 70 VAR2 - 15	60 - 200	30-70bar	4,5 - 151/min	3kW (3x400V)	68kg		
м	ZX.8049-T	FOG 70 VAR3 - 21	24 - 280	30-70bar	6,3 - 211/min	4kW (3x400V)	75kg		

* The max number of nozzles has been calculated by using a nozzle IT.204C with flow rate 020 (0,075l/min) at 70bar **The flow rate varies according to the variations in frequency set on the inverter (max flow rate at 50Hz)

Recommended accessories

		note controls e 398		Recommended filters page 395		Solenoid valves kit and control panels page 399						
NEW	Spare parts	Code	Descri	ption			ZX.8044-T	ZX.8045-T	ZX.8046-T	ZX.8048-T	ZX.8047-T	ZX.8049-T
	00	ZX.KM-03		maintenance set consisting ve kit and piston oil seal kit	, , , , , , , , , , , , , , , , , , ,		•	•	•	•		
	്റ്റ	ZX.KM-04		maintenance set consisting ve kit and piston oil seal kit							•	
	ŏ	ZX.KM-06		maintenance set consisting ve kit and piston oil seal kit								•
		ZX.KM-06										•





Technical features

- Frame made of painted zinc-coated steel
- **Professional pump,** crankshaft, with brass head featuring high mechanical resistance
- Electric motor 1450Rpm 3x400V-50Hz, with reinforced stator
- Unloader valve in brass
- L.p. solenoid valve 24V-50Hz inlet water 1/2"
- **Pressure** transducer 4:20mA (0-100bar)

- **Control unit** for management of pause/work times and provision for signal reception at 4:20mA. (Available only for Var 2)
- Dimensions WxLxH: 780 x 450 x 500mm