

# FOG 70 Var 2

# FOG 70 Var 3

Fog module  
with constant 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

Fog 70 Var 3

## One single installation to control different areas at the same time

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)

## Technical features

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



Remote controls  
page 398



Recommended filters  
page 395



Solenoid valves kit and  
control panels page 399

## NEW Spare parts

	Code	Description	ZX.8044-T	ZX.8045-T	ZX.8046-T	ZX.8048-T	ZX.8047-T	ZX.8049-T
	ZX.KM-03	Pump maintenance set consisting of seal kit, valve kit and piston oil seal kit	•	•	•	•		
	ZX.KM-04	Pump maintenance set consisting of seal kit, valve kit and piston oil seal kit					•	
	ZX.KM-06	Pump maintenance set consisting of seal kit, valve kit and piston oil seal kit						•



## 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