



**Fogging system
70 bar-1000 psi
Ambiente 70
MULTI-LINE with
variable flow rate**

**The environment
you desire...**

Climate control, humidification, dust control, fragrance diffusion, special effects. Besides being a revolutionary machine, the multi-line Ambiente 70 is also a system for managing multi-line plants a significant "quantum leap" in domestic, professional and industrial sectors.



MASTER BOARD



IT.0206

Slave control panel (OPTIONAL) to manage further 4 lines



b

IT.0205

Duty / cycle (OPTIONAL) permits the timing of 4 zones



c



- For multi-line management
- Noiseless
- No vibrations

IT.0207

Multi-clock kit (OPTIONAL) to manage 4 zones, for more time slots



d

ZX.0329

Solenoid valve kit (OPTIONAL) to manage 1 fogging line independently



e

ZX.8162

Dosing kit + by-pass (OPTIONAL) to dosage products



f



**Here comes the
air-conditioning robot**

It cools, suppresses dust, humidifies and perfumes the environment, transforming a sweltering summer into a pleasant spring.

It's called fog 100 ambiente: it is an innovative system which transforms a humidification system into an outstanding cooling equipment thanks to its revolutionary, hi-tech, electronic system. The water nebulization is instantaneously modulated. This is the latest by Idrobase group, introduced in the international markets by its associate company Idrotech.

**The advantages of
"Made in Italy"**

Idrotech has twenty years experience in designing and producing fogging systems. The "Made in Italy" logo points out the use of high quality materials and the advanced know-how achieved by the company staff. This choice gives us the possibility to always find innovative solutions, suitable for our customers' requirements and for the needs of an evolving market.

Technical data

Code	Model	Number		Pressure	Flow rate	Power absorbed	Dimensions W x L x H	Weight
		H.p. lines	*Nozzles					
ZX.8112-M4	AMBIENTE 70 M4-6	4	120	70 bar 1000 psi	1,4-5,6 l/min 0.37-1.48 USGpm	Kw 2,2 (1x230 V-50 Hz)	56 x 26,5 x 40 cm 22.1" x 10.5" x 15.8"	gr. 58000 oz. 2,046.0
ZX.8112-M8	AMBIENTE 70 M8-6	8	120	70 bar 1000 psi	1,4-5,6 l/min 0.37-1.48 USGpm	Kw 2,2 (1x230 V-50 Hz)	56 x 26,5 x 40 cm 22.1" x 10.5" x 15.8"	gr. 58000 oz. 2,046.0
ZX.8115-M4	AMBIENTE 70 M4-11	4	230	70 bar 1000 psi	2,7 - 11 l/min 0.71-2.90 USGpm	Kw 2,2 (1x230 V-50 Hz)	56 x 26,5 x 40 cm 22.1" x 10.5" x 15.8"	gr. 72000 oz. 2,540.0
ZX.8115-M8	AMBIENTE 70 M8-11	8	230	70 bar 1000 psi	2,7 - 11 l/min 0.71-2.90 USGpm	Kw 2,2 (1x230 V-50 Hz)	56 x 26,5 x 40 cm 22.1" x 10.5" x 15.8"	gr. 72000 oz. 2,540.0

* The highest number of nozzles has been calculated by using a nozzle with flow rate 15 (0,046 l/min) at 70 bar-1000 psi.

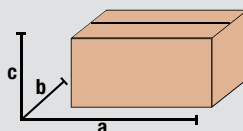


Multi-line Ambiente 70 is equipped with a master board for the management of 4 zones. Each zone intercepted by a h.p. kit of solenoid valves. There are four selectors on the panel of the master board. A single zone can be set on ON / OFF, MANUAL or AUTOMATIC. Each of the four areas is controlled by a remote control through the use of sensing probes (humidistat, thermostat). The data is transferred to the master board that activates or inactivates the lines adjusting the quantity of water in the system by reducing or increasing the engine r.p.m. With the AUTOMATIC function, the duty cycle kit (OPTIONAL) is activated. In addition, the master board CAN BE enriched with a timer kit (OPTIONAL) for each zone enabling you to manage working and pause times differentiating them in each area. A slave board may be connected to the master board allowing to manage 8 zones instead of 4. A peculiarity of Ambiente 70 Multi-line is just the possibility of adding more slave panels in order to increase the number of manageable areas. Respect for the environment in the form of saving energy and water are the basis of this project. If you consider also its ability to manage a number "n" of areas, you have the best equation for the right ratio work to free time.

Ambiente 70 multi-line consists of:

- **High pressure, professional pump** with an electric motor controlled by a variable frequency drive system.
- **Master electric panel**
- **Low pressure and high pressure hydraulic circuit**, composed of: solenoid valves, by pass, pressure transducer for the control and safety of the system.
- **Control panel** positioned onto the device which communicates with the master electric panel through a cable with an electric connector.

- Packaging dimensions:
a 75 cm-3.0"
b 35 cm-1.4"
c 55 cm-2.2"



Subject

Subject	Page
• Polyamide pipe line ø6,35 mm-1/4" and nicked brass fittings	113
• Polyamide pipe line ø9,6 mm-3/8" and nicked brass fittings	114
• Grilamid pipe line ø9,6 mm-3/8" and stainless steel fittings	115
• Polyamide pipe line ø12,7 mm-1/2" and nicked brass fittings	116
• Optional - connection kit, end line kit and solenoid valves	122
• Optional - inlet water filters	126
• Fog nozzles	128
• Fog nozzles - accessories and special fittings	129

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