

MODULAR 500



Powerful and fast fogging system,
can cover up to **1500 m³ in 48 seconds**
(500 m³ visibility less than 1 m)



500

GENERAL SPECIFICATIONS

Compact Cabinet	yes
Weight of the fogging system	9 KG
Overall packaging weight	10 KG
Units on 100×120 cm pallet	36
Dimensions of the fogging system	30 x13 xH39
Size of the packaging	36 x19 xH45
Colors	white / black opt.
Operating time without mains power	over 1 hour
Heating time	about 2 hours
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial bus for standard UR FOG protocol	yes
Alarm kit	optional

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average consumption	48 W
Heater max power in start	280 W
Backup battery (not included)	yes

FOGGING SYSTEM

New "layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	1500 m³
Single shot coverage (visibility less than 1 m)	500 m³
Maximum emission time in a single shot	48 sec
Total discharge capability with full bag	1500 m³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmable in sec.
Number of bags included	1
2 cabled inputs: arming and shooting	yes
1 cabled output: fault (empty bag, low battery/lack of power supply, system failure)	yes
Serial interface RS232	yes
Standard communication protocol	yes
Top internal riser for optional boards	yes
Side internal riser optional boards	yes
Front panel made of plastic material to simplify wireless communication	yes

STANDARD

CE certification	yes
Certified fog fluid	yes
Compliant to the current europeans regulations	yes



Accessories and refills MODULAR 500

CODE	ACCESSORIES AND REFILLS	MODULAR 500
FFLXRC4/5	Fluid bag 750 ml	■
FFLXRC4/5FG	Fluid bag 750 ml Food Grade	■
FPUTRCP	Top riser	■
FPUSRCP	Side riser	■
FPUSTD	Desk stand	■
FPUWB	Orientable wall bracket	■
F23KITDM	Demo Kit: modular (key+keyfob/receiver)	■
URCLWF	Active Cloud Lan / WIFI board	■
URCLWFA	Wifi antenna module	■
URCLWFM	Mounting Kit Modular (cable 12V + flat cable Modular)	■

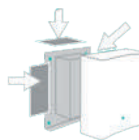


Active Cloud LAN / Wifi board

The WIFI LAN board allows wired or wireless Lan connection. Through the extremely secure Cloud service, provided for free, it allows, in addition to system monitoring, to remotely arm, shoot and set shooting time of the fogging system.



It is very easy to change and with a very competitive price.



It is possible to add optional boards inside the cabinet, such as alarm centrals, sensors, etc.



A unique serial bus to plug on the electronic board an add on card that allows to interface easily the machine with alarms and to control the fogging system even from remote locations. A standard protocol is available for all machines.



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature remains stable over time.

Long lasting operation time without mains

The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: over 1 h !

Electronic board



Connection PIN description

DC12V Power supply OUTPUT

- 1 + DC 12V Output (max 300 mA)
- 2 - GND

OUTPUTS

- 3 READY OC - temperature reached
- 4 ARM OC - ready to shoot
- 5 EMPTY/FAULT OC - empty bag/faulty unit

INPUTS

- 6 - GND
- 7 ARM Arming input
- 8 TRIG Shooting input

Note: both commands are contacts that close towards GND

Power supply to control the electronic board and pump

"Layer" technology heating

Optional 2Ah battery to power the electronic board and pump in case of mains power absence

FOG STORM PUMP

Specially designed to work with high-glycol percentage fluids



Example internal alarm station mounting

