

# MODULAR 300



Powerful and fast fogging system,  
can cover up to **900 m<sup>3</sup> in 40 seconds**  
(300 m<sup>3</sup> visibility less than 1 m)



# 300

## GENERAL SPECIFICATIONS

Compact Cabinet	yes
Weight of the fogging system	8 KG
Overall packaging weight	9 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	37 W
Heater max power in start	170 W
Backup battery (not included)	yes

## FOGGING SYSTEM

New "layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	900 m <sup>3</sup>
Single shot coverage (visibility less than 1 m)	300 m <sup>3</sup>
Maximum emission time in a single shot	40 sec
Total discharge capability with full bag	900 m <sup>3</sup>
Number of bags	1
Amount of fluid in the bag	500 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 300

CODE	ACCESSORIES AND REFILLS	MODULAR 300
FFLXRC2/3	Fluid bag 500 ml	■
FFLXRC2/3FG	Fluid bag 500 ml Food Grade	■
FPUTRCP	Top riser	■
FPUSRCP	Side riser	■
FPUSTD	Desk stand	■
FPUWB	Orientable wakll bracket	■
F23KITDM	Demo Kit: modular (key+keyfob/receiver)	■
URCLWF	<b>Active Cloud Lan / WIFI board</b>	■
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.



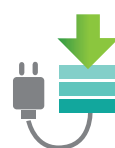
It is very easy to change and with a very competitive price.



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

