

# MODULAR 3 PLUS



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)



# 3 PLUS

## GENERAL SPECIFICATIONS

Compact Cabinet	yes
Weight of the fogging system	8 KG
Overall packaging weight	9 KG
Units on 100x120 cm pallet	36
Dimensions of the fogging system	30 x13 xH39
Size of the packaging	36 x19 xH45
Colors	white
Operating time without mains power	over 1 hour
Heating time	about 1 hour
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
Back up battery (not included)	yes

## STANDARD

CE certification	yes
Certified fog fluid	yes
Compliant to the current europeans regulations	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	1350 m <sup>3</sup>
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmable in sec.
Number of bags included	1
4 wired inputs: arm, shoot, programmable input and verification sensor (PIR). First three accept positive (PNP) or negative (NPN) signals. It is possible to set "active security" or "passive security"	yes
5 relay cabled outputs: fault, programmable output, empty bag, low battery/lack of power supply and shooting confirmation	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
Internal multi slot to insert more expansion boards at once (3 slots)	yes

## Accessories and refills MODULAR 3 Plus

CODE	ACCESSORIES AND REFILLS	MODULAR 3 PLUS
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 wakll bracket	■
F23KITDM	Demo Kit: modular (key+keyfob/receiver)	■
URCLWF	<b>Active Cloud Lan / WIFI board</b>	■
URCLWFA	Wifi antenna module	■
URCLWFMP	Mounting Kit Modular CPLUS (cable 12V + flat cable Modular CPlus + top riser + 4x10 mm spacers)	■

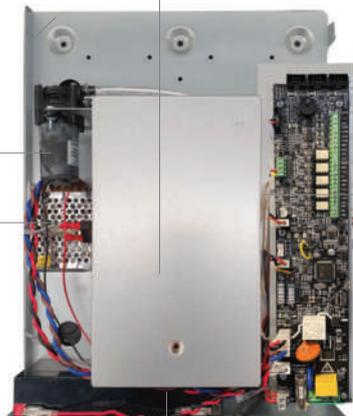


### Active Cloud LAN / Wifi board

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.

## FOG STORM PUMP

Specially designed to work with high-glycol percentage fluids



“Layer” technology heating

CPLUS electronic board

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

Power supply to control the electronic board and pump



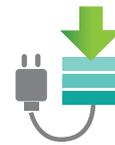
It is very easy to change and with a very competitive price.



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.

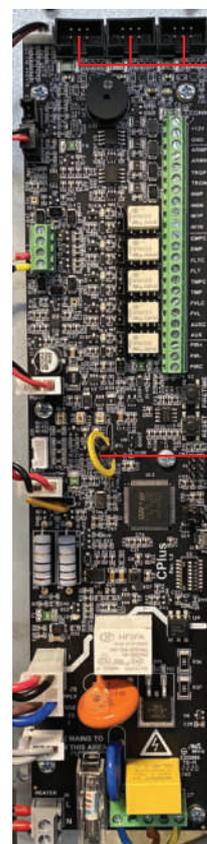


Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature remains stable over time.

### 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



3 serial communication interfaces to connect expansion boards

+12V power output

Arm

Shoot

Customizable input

“Panic” button

Empty bag signal

Fault signal

Tamper signal

Shot validation signal

Customizable input

External PIR input

Shooting time setting

Empty bag reset

Real time clock with log capability (500 events)

8 DIP SWITCH for settings

4 inputs with positive (PNP) and negative (NPN) signal

5 relay outputs with positive and negative security setting