Foggy



The best security smoke generator

750 m³ protected in 1 min

EN50131-8 APPROVED

Authorized in food environment



The only security smoke generator recognized by the Spanish police EN50131-8 CERTIFIED



RIELLO ELETTRONICA

AVS electronics

ITALIAN SECURITY MANUFACTURER

Foggy

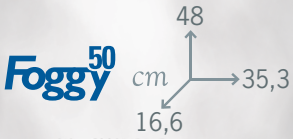
Usually, **robberies** are lasting **5 to 7 min. To stop net the thefts**, Foggy **saturates** the area with a white fog **in a flash**, which makes the environment so **impenetrable** that the criminals are completely unable to orientate themselves and that stops straightaway the crime. As the fog lasts up to 30 minutes, it gives time to the police to arrive and force the **criminals to run away**: your goods are **totally safe**.

Foggy is **ideal** for the **active protection** of **all** residential, commercial, industrial and military **environments**. Jewelers, banks, phone, electronics, computer, clothing, tobacco stores, as well as garages, warehouses and other similar places.

Foggy is EN50131-8 certified by the IMQ European laboratory, which is a guarantee of optimal performance **with all control panels**. But Foggy can also work **stand-alone**, with a simple remote control or by a simple **SMS**.

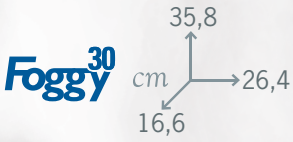
Another aspect of extreme importance is that - not only - the **fog** generated is **harmless** but also - it leaves **no residue or odor**: independent European laboratories analyze it regularly to confirm its **absolute safety**.

Foggy50





Foggy30











Foggy includes a digital system with a memory of **1000 events** with **date and time**, so you totally control his status, its utilization, the presence of main and the **remaining volume of fog**. This verification is done with a simple USB cable or thanks to an optional GSM module.

With its **reduced weight** and **included frame**, Foggy can be **easily and quickly installed** on both **wall and ceiling**, and even in a **false ceiling or a wall cabinet** thanks to the optional PRL extension.
Optimized to run without fan, Foggy is **completely silent**. For a total maximum **security**, the metal tank - **without pressure**, totally opaque and hermetic, with **high autonomy,** and filled with the active fog - is included from origin. This double advantage allows the installation of Foggy in all environments, commercial and even with a high risk!

Anyway, Foggy also includes a **worldwide insurance** for damages (excluding USA).

Foggy, the only smoke generator designed by AVS ELECTRONICS, the Italian manufacturer of security solutions with **40 years' experience**.

AVS electronics
ITALIAN SECURITY MANUFACTURER

AVS ELECTRONICS' unbeatable solution for protecting your goods.

CONTROL YOUR FOGGY (OPTIONAL)

BIP 2 REMOTE CONTROL

To **arm, disarm, start and stop** your FOGGY 30 and 50.
Up to 16 remote controls.



XGSM GSM INTERFACE

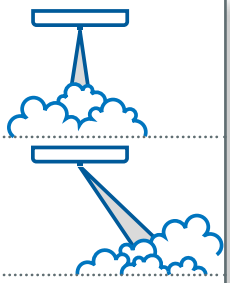
With a simple **SMS**, automatically receive **all information** about the status of your FOGGY. You can also **arm and disarm it, start it and stop** it from your mobile phone. Allows remote reprogramming.



CHANGE THE NOZZLE

ER90 90° SINGLE JET

Default included nozzle. Mainly suitable for ceiling installation.

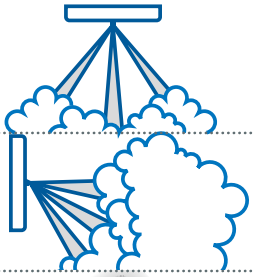


ER160 60°SINGLE JET TO

Mainly suitable for ceiling installation..

ER390 90° TRIPLE JET

Creates a **smokescreen**. Mainly suitable for ceiling installation.



ER360 360° TRIPLE JET

Creates **three short jets**. Mainly suitable for **wall** mounting.

PRL10 10 CM EXTENSION

Fits **with any nozzle,** for installation in **false ceilings and cabinets**.



HANDLING YOUR FOGGY

SRB15 Full metal tank for FOGGY 50
SRB10 Full metal tank for FOGGY 30



ONLY LIQUID REFILLING
(the customer must return an empty SRB which will be made full tank)

RIC15 to refill a FOGGY 50'S SRB15
RIC10 to refill a FOGGY 30'S SRB10



FOR THE INSTALLER

KEY ER

KEY TUBE FOR NOZZLE'S REPLACEMENT



LFT

BELT ASSISTANCE LIFTING KIT



TECHNICAL FEATURES	FOGGY 50	FOGGY 30
Coverage volumes	• 20” activation: 250 m³ (90*) • 40” activation: 500 m³ (180*) • 60” activation: 750 m³ (270*) • 60” + pulsed activation: up to 1900 m³ (740*)	• 10” activation: 100 m³ (28*) • 20” activation: 200 m³ (56*) • 60” activation: 300 m³ (167*) • 10” + pulsed activation: up to 250 m³ (112*)
Tank capacity	• 1,3 liters	• 1 liters
Number of activations	• 35 activations of 20” each • 11 activations of 60” each	• 50 activations of 10” each • 16 activations of 30” each
Special function	• Wireless anti-robbery with optional remote control	• Wireless anti-robbery with optional remote control
Nozzles available	• n. 1: curtain 90° with one jet (included in the packaging) • n. 3: with different angles and deliveries (optional) • n. 1: lengthener (optional)	• n. 1: curtain 90° with one jet (included in the packaging) • n. 3: with different angles and deliveries (optional) • n. 1: lengthener (optional)
Nozzle protection	• Yes	• Yes
Supplying	• 220 Vac	• 220 Vac
Consumption during heating	• 1000 Watt	• 600 Watt
Consumption during maintenance	• 60W - 200 W	• 60W - 120 W
Back-up battery	• Yes – n. 2 12 Vdc 1,2 Ah (included)	• Yes – n. 2 12 Vdc 1,2 Ah (included)
Time of initial heating	• 20 minutes	• 12 minutes
Heating time after an activation	• Max 5 minutes	• Max 3 minutes
Functioning in case of mains 220 Ac absence	• Max 1 hour	• Max 1 hour
Status indication	• Via Led and Display	• Via Led and Display
Inputs	• System arming: follows alarm system on/off • First stage: pre-alarm • Second stage: alarm; jet activation	• System arming: follows alarm system on/off • First stage: pre-alarm • Second stage: alarm; jet activation
Outputs	• Delivery on – tamper – liquid level • Technical damage: mains absence – battery level – faulty battery – pump malfunctioning – board temperature – heater temperature	• Delivery on – tamper – liquid level • Technical damage: mains absence – battery level – faulty battery – pump malfunctioning – board temperature – heater temperature
12Volt output	• Yes	• Yes
Connections	• Universal standards • RS485 serial dedicated to AVS systems	• Universal standards • RS485 serial dedicated to AVS systems
Events memory	• Yes – 1000 in non-volatile memory	• Yes – 1000 in non-volatile memory
Status verification USB UNIVERSAL SERIAL BUS	• Yes – USB local connection • Yes – GSM remote connection with optional board mod. XGSM	• Yes – USB local connection • Yes – GSM remote connection with optional board mod. XGSM
Firmware updating	• Yes	• Yes
Size (LxHxD) mm	• 480 x 353 x 166	• 358 x 264 x 166
Weight kg.	• 22	• 15
Versions	• Foggy 50A: anthracite-grey color • Foggy 50G: grey color • Foggy 50W: white color	• Foggy 30A: anthracite-grey color • Foggy 30G: grey color • Foggy 30W: white color
IMQ CERTIFICATION	• EN50131-8	• EN50131-8

* : m³ certified in according with EN 50131-8

AVS electronics
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