RF repeater

Description



The Vasco RF Repeater receives and retransmits RF signals (868.3 MHz) between various RF components of the ventilation system, such as switches, sensors, units and CO_2 ZoneControl devices. It extends the RF communication range when a direct connection between devices is not possible.

The D150 Compact and D150 Energy Plus are not compatible with the RF Repeater.

Power supply: External power supply via the supplied power adapter and micro-USB cable (230 VAC)

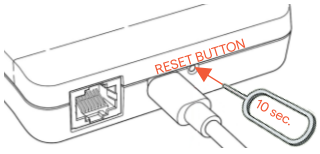
Communication protocol: Wireless RF communication at 868.3 MHz (radio frequency)

Dimensions (L × W × H): 105 x 81 x 28 mm

Housing: ABS-PC plastic enclosure

Installation: Surface-mounted wall installation with screw fixing

Technical Data

Symbol	Function	Description
	Power supply	Indicates whether the repeater is powered.
	Connected devices	Indicates whether one or more devices are connected to the repeater.
	RF communication	Indicates activity of received and retransmitted RF messages.
	Factory reset 	Restores the repeater to its factory settings and removes all connected devices.

LED Indications

Symbol	LED indications	Description
	LED flashing	Pairing mode active for 5 minutes.
	LED permanently on	Normal operation.
	LED off	No devices connected.
	LED permanently on	At least one device connected.
	LED flashing	New device connected. After 60 seconds, the LED remains permanently on.
	Short LED pulse	RF message successfully retransmitted.

Device pairing and factory reset

- After power-up, the repeater remains in pairing mode for 5 minutes. Devices can be paired manually or automatically. After pairing, keep the power supply connected for at least 30 seconds to ensure the configuration is saved.
- To perform a factory reset, press and hold the reset button for 10 seconds until the power LED starts flashing. All connected devices will then be removed.