

AZVAFDAMPER12C - Wired Intelligent Round Damper

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:
Additional Info:	

MODEL DESCRIPTION

Motorized damper with actuator, powered at 12 VDC through the zone module, designed for controlled opening and closing via wired communication on the Airzone system connection bus. The damper incorporates an open/closed position indicator, ensuring precise monitoring and efficient airflow management.

Functionalities:

- Input for detection of open windows.
- Input for detection of presence.
- Probe input.
- Remote probe function and distributed probe function.
- Proportionality control and minimum air control of the dampers.



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TECHNICAL SPECS

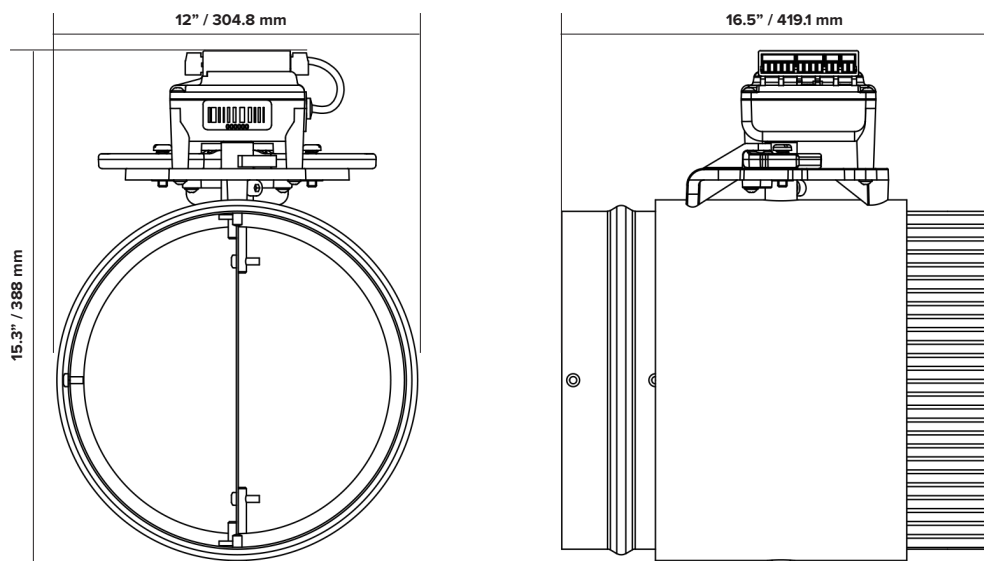
ZONE MODULE

Power supply and consumption	
Type of power supply	Vdc
V max	12 V
I max	250 mA
Stand-by consumption	0.6 W
Airzone connection bus	
Shielded and twisted Airzone bus cable	AWG 23 - 2 wired + AWG 20 - 2 wired (2 x 0,22 + 2 x 0,5 mm2)
Maximum distance	328 ft (100 m)
Thermostat connection	
Shielded and twisted Airzone bus cable	AWG 23 - 2 wired + AWG 20 - 2 wired (2 x 0,22 + 2 x 0,5 mm2)
Maximum distance	130 ft (40 m)
Digital and analog inputs	
Window and presence contacts	Voltage-free
Maximum distance	33 ft (10 m)
Analog input	NTC 10 KΩ a 25°C
Maximum distance	10 ft (3 m)

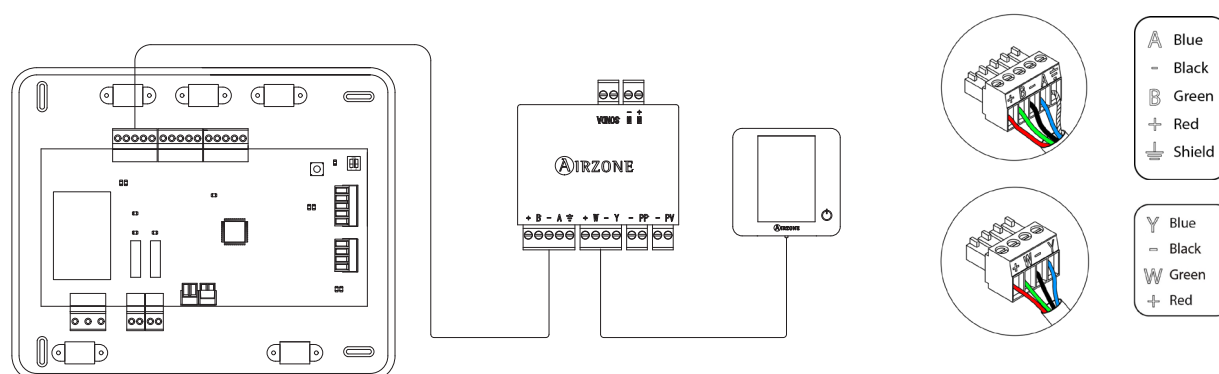
DAMPER WITH ACTUATOR

Power supply and consumption	
Type of power supply	Vdc
V max	12 V
I max	250 mA
Mechanical Aspects	
Torque at the actuator axle	0.8 Nm
Maximum Operating Height	6561.7 ft (2000 m)
Weight	7.05 lb (3.2 kg)

DIMENSIONAL DRAWINGS



INSTALLATION



Do not connect the “-” pole to the “+” terminal. It may damage the device.

SPARE PARTS

- AZVAFDAMPERACT - Damper actuator VAF
- AZVAFDAMPERZMC - Damper wired zone module VAF

ACCESSORIES

- AZX6CBLBUS300FT - Airzone Shielded Bus Cable UL444 (2x0.22 mm² + 2x0.5 mm²; 100m / AWG 23-2 wired + AWG 20-2 wired; 300ft)



Marie Curie, 21
29590 Málaga, Spain

