AZS62BLUEZEROC - Airzone Blueface Zero Color Thermostat Wired

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

MODEL DESCRIPTION

Color graphic interface with capacitive screen for controlling zones in Airzone systems. Powered by zone module. Finished in steel and glass. Available in white or black. Functionalities:

- Available in Spanish, English, French.
- Control of temperature, operating mode (master thermostat) and user mode (master thermostat).
- Automatic or manual fan speed adjustment (depends on installation).
- Room temperature and relative humidity measurement of the zone.
- Timer function.
- Remote access to other zones of the system.
- Weather forecast (optional, requires Airzone Cloud Webserver).
- Configurable acoustic alarm for refrigerant leak detection.

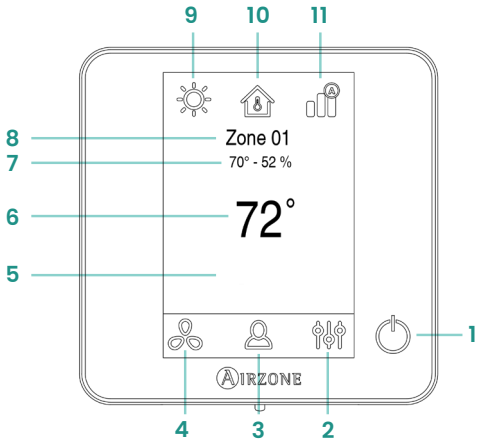


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TECHNICAL SPECS

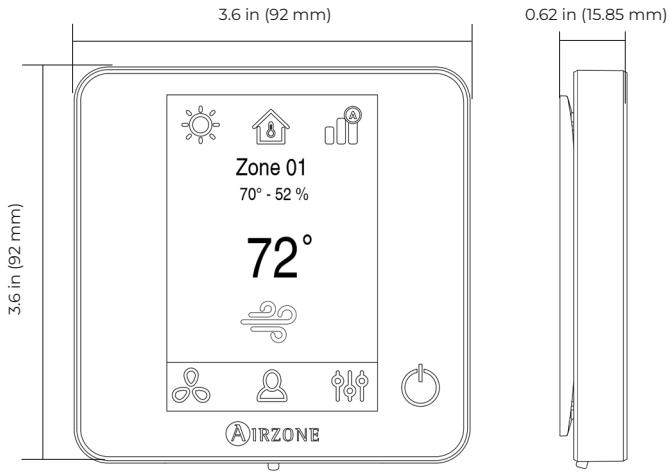
Power supply and consumption	
V max.	12 Vdc
I max.	500 mA
Stand-by consumption	0.672 W
Connection and communications	
Type of cable	Shielded twisted pair
Shielded and twisted Airzone bus cable	AWG 20 – 2 wired (2 x 0.22 mm^2)
Power supply wires	AWG 23 – 2 wired (2 x 0.5 mm^2)
Maximum distance	130 ft (40 m)
Operating temperatures	
Storage	-4 ... 158 °F (-20 ... 70 °C)
Operation	32 ... 122 °F (0 ... 50 °C)
Operating humidity range	5...90% (non-condensing)
Set-point temperature range	59 ... 86 °F (15 ... 30 °C)
Reading accuracy	±1 °F (±0.1 °C)
Relative humidity reading accuracy	±3 %
Mechanical aspects	
Maximum operating height	6562 ft (2000 m)
Protection class	IP 30
Type of probe	Airzone_NTC_10K
Weight	0.44 lb (198 g)

FUNCTIONALITIES



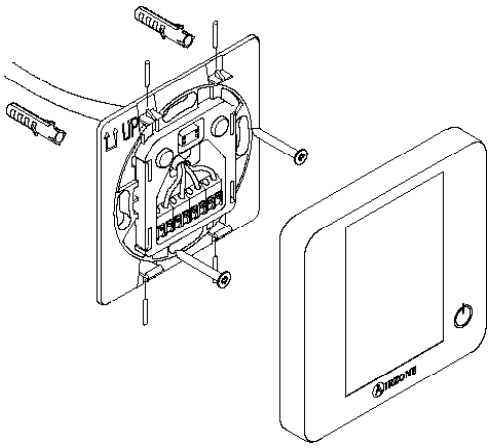
N°	Description
1	On/Off (zone)
2	Zone settings
3	User settings
4	Local ventilation
5	Zone demand
6	Set-point temperature
7	Room temperature and humidity percentage
8	Remote zone menu
9	Operation mode
10	User mode
11	System fan speed/Airflow

DIMENSIONAL DRAWINGS

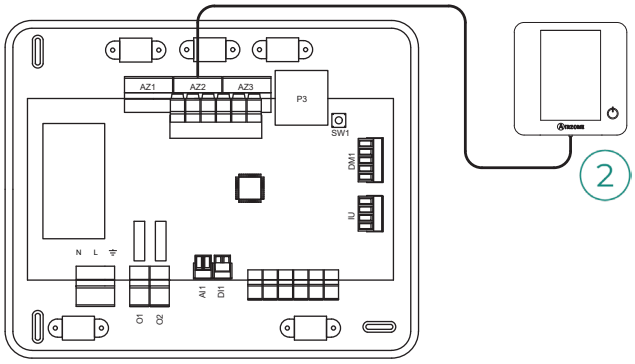


INSTALLATION

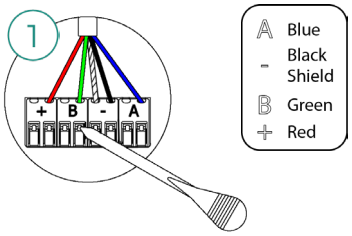
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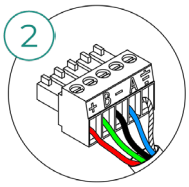
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It is possible to connect to AZ1, AZ2, and AZ3, as well as connect more than one thermostat per port.



A Blue
– Black Shield
B Green
+ Red



A Blue
– Black
B Green
+ Red
⏚ Shield

SPARE PARTS

- AZPV6BASETHTC - Wired thermostat base replacement Airzone

ACCESORIES

- AZX8CBLBUS300FT - Airzone Shielded Bus Cable UL444 (AWG 24-2 wired + AWG 20-2 wired; 300ft 2x0.22 mm^2 + 2x0.5 mm^2; 100m)
- AZX8PEMB2THTB4 - Airzone Thermostat Backplate

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