



## WIRELESS THERMOSTAT

Graphic interface with low-energy e-ink screen and capacitive buttons for controlling zones in DZK systems. Wireless communications. Powered by battery button CR2450. Finished in steel and glass.

### Functionalities:

- Available languages: English, French and Spanish.
- Control of set point temperature. Displayed in 1°F/0.5°C increments.
- Configurable set point range for Cooling and Heating.
- Auto changeover mode can automatically change to cool/heat mode at set point  $\pm 1^\circ\text{F}/0.5^\circ\text{C}$  (can be configured from 0 to 7°F using field settings) with a guard timer of 15, 30, 60 or 90 minutes.
- Room temperature and relative humidity measurement of the zone.
- Timer function.

## DZK-ZTS-3



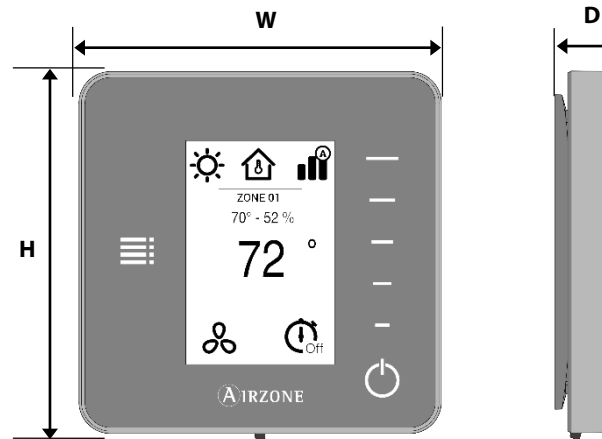
Rev. 1.00

10-2016



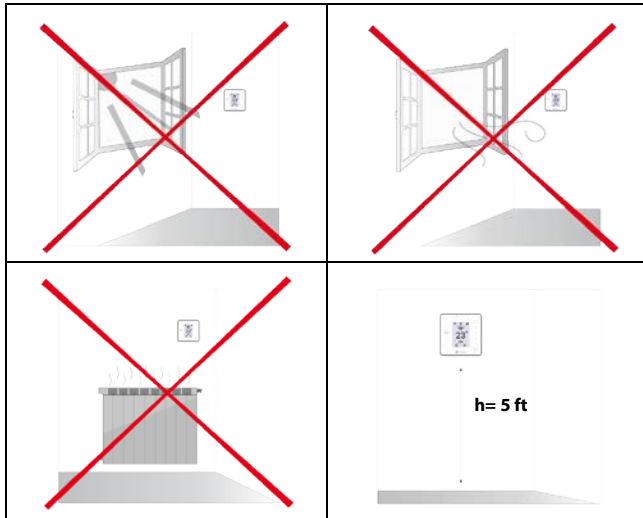
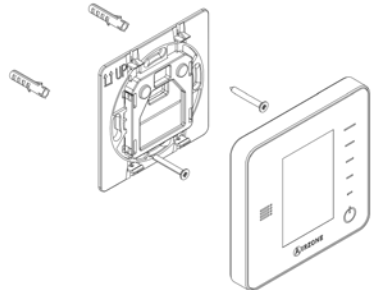
## TECHNICAL SPECS

Power supply and consumption	
Type of power supply	Vdc
V max	3.3 V
I max	30 mA
Battery	CR2450
Useful life of battery	2 years
Stand-by consumption	0.01mW
Connection and communications	
Communication frequency	915 MHz
Maximum power	0 dBm
Total wireless reach (Control board to thermostat)	130 ft (40 m) in clear line of sight
Operating temperatures	
Storage	-4 to 158°F (-20 to 70 °C)
Operation	32 to 122°F (0 to 50°C)
Operating humidity range	5 to 90% (non-condensing)
Set-point temperature range	59 to 86°F (15 to 30°C)
Reading accuracy	$\pm 1^\circ\text{F}$ ( $\pm 0.5^\circ\text{C}$ )
Display accuracy	$\pm 1^\circ\text{F}$ ( $\pm 0.5^\circ\text{C}$ )
Relative humidity	$\pm 4\%$
Mechanical aspects	
Assembly	Surface through support
Protection class	IP 20
Type of probe	Airzone_NTC_10K
Weight (Mass)	0.40 lb (180 g)
Dimensions (WxHxD)	3.62x3.62x0.62 inch (92x 92x15.85 mm)

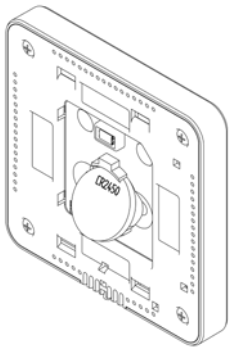




## ASSEMBLY



## REPLACING BATTERIES

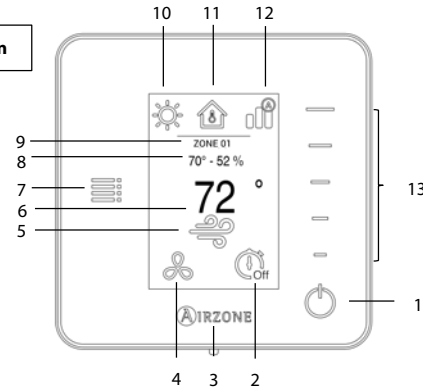


We recommend the use of top-brand batteries. Using low-quality batteries may reduce the duration of use.



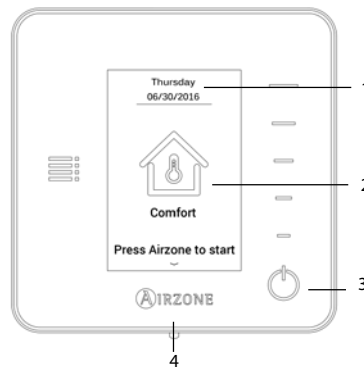
## FUNCTIONALITIES

Main screen



N°	Meaning	Action
1	On/Off	On/off for the zone
2	Timer	Displays the timer status
3	Advanced settings	Access to advanced settings menu
4	Local ventilation	Displays if the local ventilation is enabled or disabled
5	Zone demand	Displayed when the zone is calling for demand
6	Set-point temperature	Displays the set-point temperature
7	Setting parameters	Access to setting parameters menu
8	Room temperature and humidity percentage	Displays the room temperature and the relative humidity in the zone
9	Current zone	Displays the current zone
10	Operation mode	Displays the current operation mode
11	User mode	Displays the current user mode
12	Airflow control	Displays the current airflow control
13	Control bar	Changes the set-point temperature. Swipe up or down to change by multiple degrees. Tap to change by 1 degree increments.

Idle screen

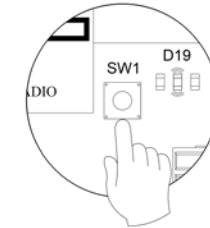


N°	Meaning	Action
1	Date and time	Displays the current date and time
2	Status zone	Displays the status of the zone
3	On/Off	On/off for the zone
4	Airzone	Press Airzone to enter the main screen



## CONNECTION

Press the SW1 of the DZK Main Control Board, LED 19 will turn on (solid red). Then follow the association instructions that will be displayed in the thermostat screen.



## EXCEPTION CODES

Meaning	
Error 1	Communication error with the main controller
Error 5	Temperature sensor is open
Error 6	Temperature sensor is short circuited
Error 8	Wireless Lite thermostat not found
Error 9	Communications error between the Daikin Interface Board and the system
Error 10	Communication error between the DZK BACnet Interface and the system
Error 11	Communication error between the Daikin Interface Board and the AC indoor unit

**Note:** Refer to the DZK installation manual for troubleshooting steps.