WIRELESS LITE THERMOSTAT

Thermostat with capacitive buttons for controlling the temperature of the zones in the DZK systems. Finished in steel and glass. Wireless communications. Powered by CR2450 button battery.

Functionalities:

- On/Off control of the zone.
- Control of base set point temperature with an increment of ± 1˚F/0.5˚C (default value) or ± 2˚F/1˚F, up to a limit of ±6˚F/3˚C. The increments are configurable through Main Wired Thermostat. This base set point temperature can be configured through any Wired Thermostat.
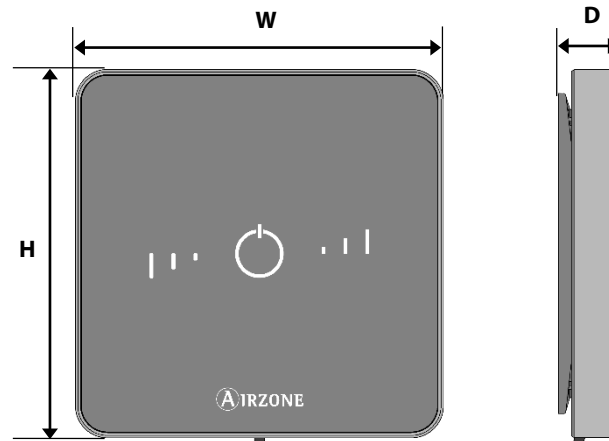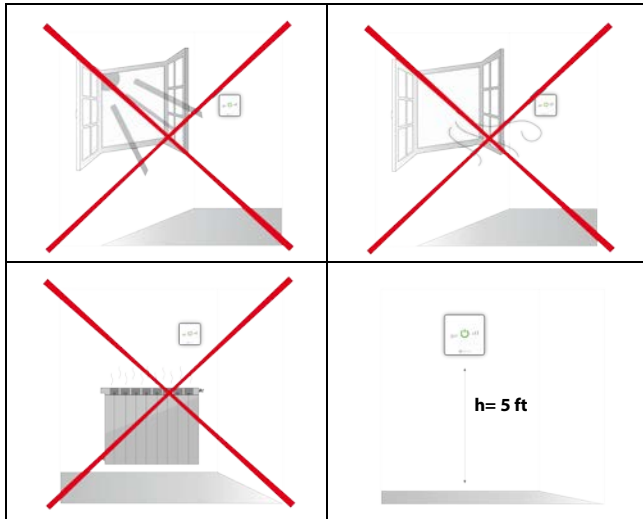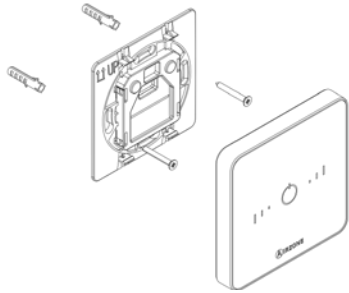- Room temperature and relative humidity reading.

DZK-LTS-3

GSDZKLTSE100

Rev. 1.00   *10-2016*

TECHNICAL SPECS

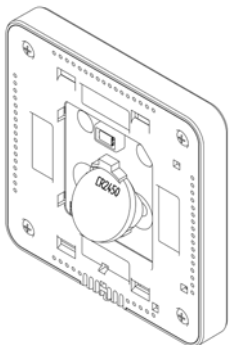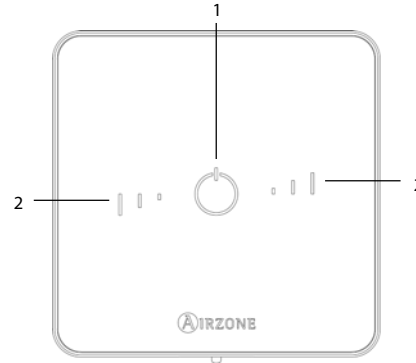| Power supply and consumption	
Type of power supply	Vdc
V max	3.3 V
I max	30 mA
Battery	CR2450
Battery life	2 years
Stand-by consumption	0.01mW
Connection and communications	
Communication frequency	915 MHz
Maximum power	0 dBm
Total wireless reach *(Control board to thermostat)*	130 ft (40 m) in clear line of sight
Operating temperatures	
Storage	-4 to 158ºF (-20 to 70 ºC)
Operation	32 to 122ºF (0 to 50ºC)
Operating humidity range	5 to 90% (non-condensing)
Set-point temperature range	59 to 86ºF (15 to 30ºC)
Reading accuracy	±1ºF (±0.5 ºC)
Relative humidity	±4 %
Mechanical aspects	
Assembly	Surface through support
Protection class	IP 20
Type of probe	Airzone_NTC_10K
Weight (Mass)	0.40 lb (184 g)
Dimensions (WxHxD)	3.62x3.62x0.62 inch (92x 92x15.85 mm)

4008862

ASSEMBLY

h= 5 ft

REPLACING BATTERIES

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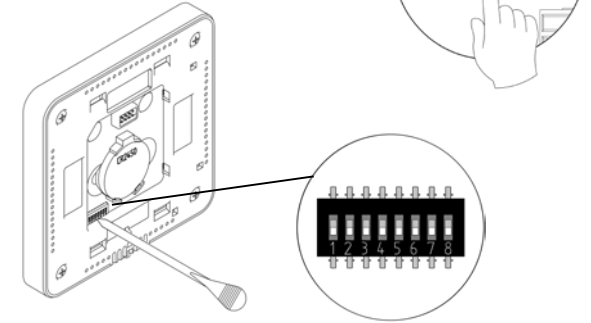
FUNCTIONALITIES

Nº	Meaning	
1	If the LED is fixed, the zone is activated	This button also indicates the operation mode of the system:
	If the LED is blinking the zone is deactivated	- Purple: Stop user mode - Red: Heat mode - Blue: Cool or Dry mode - Green: Set-point
2	If the LED is on, it indicates there is a temperature gap between the set-point temperature and the base temperature: 1 led = ±2ºF/1ºC (default value) or ± 1ºF/0.5ºC, configurable trough Main Wired Thermostat	
	If the LED is blinking, it indicates it has reached the temperature limit set by the User mode	

Note: *The base temperature must be set using any Wired thermostat (refer to User manual).*

CONNECTION

Press SW1button in the DZK Main Control Board, LED will turn on (solid red). Select the zone number by activating the corresponding microswitch.

Meaning		
	Blinking green 5 times	Correct association
	Blinking red once	Occupied zone
	Blinking red twice	Thermostat out of range

SELF-DIAGNOSIS

Meaning	
Blinking red quickly	Error of communication with DZK Main Control Board

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