

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Engineer: \_\_\_\_\_

Submitted to: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Reference: \_\_\_\_\_

Approval: \_\_\_\_\_

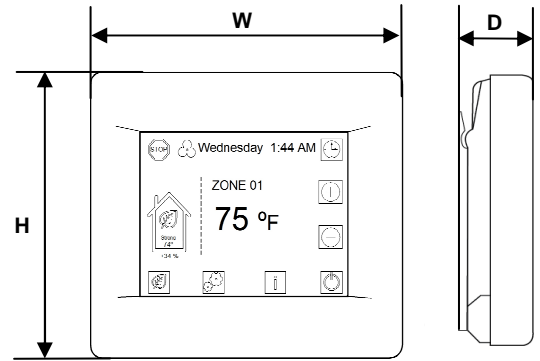
Date: \_\_\_\_\_

Construction: \_\_\_\_\_

Unit #: \_\_\_\_\_

Drawing #: \_\_\_\_\_

Model	DZK-MTS-1-W
Description	Main Thermostat
Communication Cable	AWG 20 - 4 wired Shielded
Maximum Wiring Length (Control Board to Main Thermostat)	130 ft (40 m)
Communication Protocol	Airzone Proprietary Protocol
Power	12VDC supplied from main control box (1.47 VA maximum)
Comfort Set point Range	59 to 86°F (15 to 30°C)
Setback Set point Range	50 to 95°F (10 to 35°C)
Operating Temp Range	32 to 122°F (0 to 50°C)
Operating Humidity Range	5% to 90 % (non-condensing)
Dimensions (WxHxD)	6.10x5.04x0.94 inch (105x91x24 mm)
Weight (Mass)	0.4lb (0.18 kg)



### Features / Benefits:

- Graphic color touch pad display in English, French, or Spanish.
- Temperature sensor with configurable offset.
- Display of Temperature and Set point in 1°F/0.5°C increments.
- Set point range limits for Cooling and Heating.
- Independent cool/heat setback set points (unoccupied period).
- Auto changeover mode can automatically change to cool/heat mode at set point+/-1° F (can be configured from 0 to 7°F using field settings) with a guard timer for 15, 30, 60 or 90 min.
- Built in 7, 5+2, 5+1+1, and 1 (Everyday) schedule to 18 actions.
- Remote zone control.



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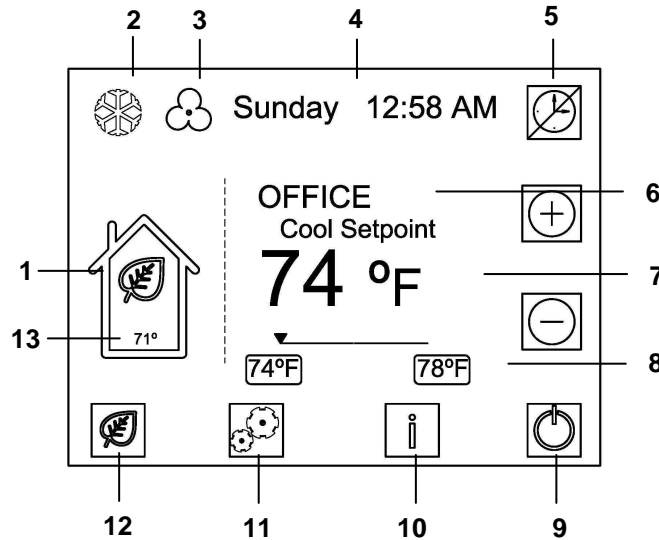
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**Icons:**



Nº	Icon	Function	Action
1	Eco-Adapt & Efficiency Indicator	Indication	Energy Efficiency Indicator: <ul style="list-style-type: none"> <li>• Green: High Energy Efficiency</li> <li>• Yellow: Medium-High Energy Efficiency</li> <li>• Orange: Medium-Low Energy Efficiency</li> <li>• Red: Low Energy Efficiency</li> </ul>
		Touch	Enters the Eco-Adapt menu
2	Operation Mode	Touch	Enters the Operation Mode menu
3	Local Ventilation	Touch	Turn On (White)/ Turn Off (Grey) Local Ventilation
4	Current Date & Time	Touch	Enters the Set Date & Time menu
5	Time Schedule Programming	Touch	Activates ☰ / Deactivates ☒ Time Schedule Programs
6	Current Zone	Touch	Enters the Remote zone control
7	Current Set point	Touch	Changes the Mode Set Point (Blue=Cool, Red=Heat)
8	Sleep Mode	Indication	<ul style="list-style-type: none"> <li>• With Icon: The sleep mode is activated</li> <li>• Without Icon: The sleep mode is deactivated</li> </ul>
9	On/Off Icon	Touch	Activates/deactivates the zone
10	Help Info	Touch	Enters the Help screen
11	Configuration menu	Touch	Enters the Configuration menu
12	Eco-Adapt Menu	Touch	Enters the Eco-Adapt menu
13	Current Temperature	Indication	Room Temperature

