Honeywell

AQ2000 Expansion Panels





Key Features	AQ255 and AQ257 Expansion Zoning Panels				AQ254 Add-A-Temp Expansion Panel	
	AQ2554V2	AQ2574V4	AQ2554P2X	AQ2558P2X	AQ2541E0	
	4 Zones of 2-Wire Valves	4 Zones of 4-Wire Valves	4 Zones of Pumps	8 Zones of Pumps	Use with AQ255 or AQ257 Expansion Zoning Panels	
Number of zones per panel	4	4	4	8		
38 VA transformer included	Yes	Yes	No	No		
Convenient 2-wire "polarity insensitive" communicating thermostats	•	•	•	•		
Auto test function to check out all zones at system start-up	•	•	•	•		
Status LEDs for easy diagnostics	•	•	•	•		
Zone Synchronization	•	•	•	•	•	
Adds an additional reset water temperature to any main control panel					•	
Mixed loop temperature is controlled by a variable speed injection pump or motorized mixing valve					•	
Extends capacity of network by 16 zones for each expansion control panel installed					•	

AQ1000 Thermostats





Key Features	AQ1000TN2 (Non-programmable Thermostat)	AQ1000TPN2 (Programmable Thermostat)
Dedicated communicating thermostat (for use with AQ2000 controls only)	•	•
Indoor and Outdoor temperature is shown on display (when used with programmable AQ2000 Control Panels)	•	•
Convenient 2-wire "polarity insensitive" installation for quick and easy wiring of both retrofit and new construction jobs	•	•
Zone settings for all thermostats can be programmed at main Control Panel to save time	•	•
Can display temperature as Fahrenheit or Celsius	•	•
Easy-to-read backlit display	•	•
Can be used with AQ12C20 floor sensor for in-floor heating installations	•	•
Non-volatile memory retains zone settings indefinitely, even after extended power loss	•	•
Can program thermostats with min/max setpoints for air and/or floor temperatures, AND "lock out" of individual zone thermostats from the central control panel	•	•
Number of unique programs per day	2	4
Programmable		•
Controls 1 zone of cooling		•
Date and time of day displayed on thermostat		•
Controls Heating and Cooling		•

Sensors

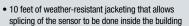
AQ12C11

Supply/Return Sensor

- 10 feet of high temperature PVC jacketing which allows direct contact with hot boiler piping
- Sufficient lead length to connect directly to AQ2000 control panel without the need for splicing

AQ12C10

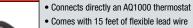
Outdoor Sensor



- Can be connected up to 500 ft away from the AQ2000 panel without loss of signal or data integrity problems
- Includes mounting bracket.

AQ12C20

Slab/Floor Sensor





 Can be connected up to 500 ft away from the AQ1000 thermostat without loss of signal or data integrity problems