

AprilAire®

Humidifier

SPECIFICATION SHEET

Model 60

Automatic Humidifier Control



SYSTEM SPECIFICATIONS

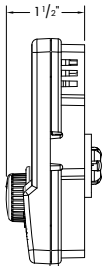
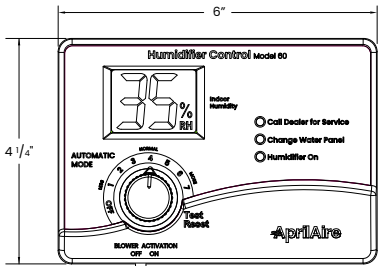
System Type	Residential humidifier control: return duct-mounted
Operational Environment Range	20°F –120°F, 0% –100% RH
User Interface Display Type	LCD, blue LED backlight: displays RH & setting when adjusting
LED Indicators	Humidifier On: Green Change Water Panel: Amber Call Dealer for Service: Red
Wiring Terminals (24VAC)	R&C: Input power from HVAC equipment ODT: Outdoor temperature signal W: Blower operation signal from HVAC equipment G: Blower operation signal from thermostat H,H: Humidifier Gf: Blower signal to furnace
Water Panel Change-Out Time Potentiometer	Off – 75 HRS, 300 HRS or 600 HRS
RH Adjustment	Knob on potentiometer
Blower Activation Mode Selection	On: Activates HVAC blower on call for humidity
Operational Mode	Manual or Automatic: Automatic mode adjusts RH set point based on outdoor temperature
Test Mode	System test

ELECTRICAL SPECIFICATIONS

Power Supply	AC power – 24VAC (18–30VAC) at 60 HZ Input Designations: R and C Power Consumption: 0.08A @ 24VAC Fuse Protection: None
Humidity Measurement	Display Range: 0% to 99% RH Tolerance: ±5% RH throughout control range
Outdoor Temperature Measurement	Tolerance: ±2°F (–40°F to 140°F) Wire Length: 300 FT maximum Thermal Time Constant: 10 seconds (still air)

CONTROL SPECIFICATIONS

Minimum On and Off Protection Timers	Humidifier Minimum On/Off Time: 5 seconds HVAC Blower Minimum On Time: 2 minutes
Humidity	Control Accuracy: ±5% RH throughout control range Control Range: 0% to 45% RH Differential: 3.0% RH
Control Options	System Setting: Auto or Manual Blower Activation: Off or On
RH Setting Range	10%–45%, Off (45%: max humidity)



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