AprilAire®
Humidifier

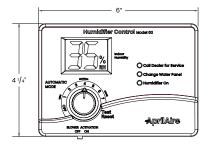# Model 60
Automatic Humidifier Control

SYSTEM SPECIFICATIONS

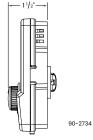|	
System Type	Residential humidifier control: return duct-mounted
Operational Environment Range	20ºF –120ºF, 0% –100% RH
User Interface Display Type	LCD, blue LED backlight: displays RH & setting when adjusting
LED Indicators	Humidifier On: Green Change Water Panel: Amber Call Dealer for Service: Red
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: ±3% RH (68-70ºF; 30% RH)
Outdoor Temperature Measurement	Tolerance: ±2ºF (-40ºF to 140ºF) Wire Length: 300 FT maximum Thermal Time Constant: 10 seconds (still air)

CONTROL SPECIFICATIONS

Minimum On and Off Protection Timers	Humidifier Mininmum On/Off Time: 5 seconds HVAC Blower Minimum On Time: 2 minutes
Humidity	Control Accuracy: ±3% RH 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)

90-2734