

AprilAire

Dehumidifier

FEATURES

- Built-in automatic digital control with display. Can be set up for dehumidification and ventilation or zoning.
- Top or front mounting control options
- ½" EPS cabinet insulation
- Top or end air discharge orientation
- Washable MERV 8 filter (part number 5881) and 10" diameter inlet/outlet duct collars
- Backdraft damper at outlet
- R410A refrigerant
- Corrosion-resistant aluminum coils
- 8' power cord (plug type - E080 only; E080H is a hardwired unit and doesn't ship with a powercord)
- Field-configurable hardwire option is available
- 10°F–30°F discharge air temperature rise
- ¾" MNPT Threaded drain connection with adapters for threaded connection or plastic hose included
- 5-year warranty

SPECIFICATION SHEET

Model E080

Dehumidifier



MODELS:
E080: Includes 8 ft. power cord
E080H: Terminal connection for hardwiring



PRINCIPLE OF OPERATION

The Aprilaire E080 Dehumidifiers are designed to dehumidify the air coming into the unit by passing the incoming air over an evaporator coil to drop the air temperature below the dew point of the air. Moisture is removed from the air and drained out of the unit to a common floor or waste drain. The air is then reheated in the condenser coil and exits the unit.

Dehumidification occurs until the set point is reached, then shuts off until periodic sampling determines a need for operation.

APPLICATION

The E080 Dehumidifiers are perfect for a wide range of applications, including whole-home dehumidification and control of moisture in basements and crawl spaces.

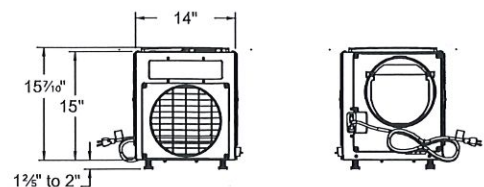
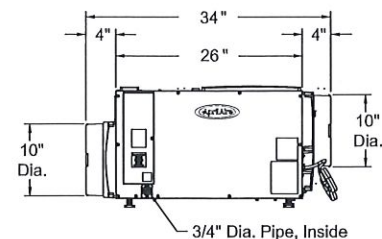
CIRCULATION

The E080 can also be programmed to circulate the air within a crawl space. This evens out relative humidity levels and temperature in the space, eliminating variations in the environment.

SPECIFICATIONS		
Capacity	@ 80°F/60%RH @ 73°F/60% RH	80 ppd 65 ppd
Energy Factor kW-h	@ 80°F/60% RH @ 73°F/60% RH	2.8 L/KW-h 2.35 L/KW-h
Airflow @ varying E.S.P. (external static pressure - dry coil)	0.0" w.c. 0.2" w.c. 0.4" w.c.	185 CFM 135 CFM 85 CFM
Voltage, phase, frequency	120VAC, 1 phase, 60 Hz	
Current draw ⁽¹⁾	5.1 Amps	
Noise	45 dBA ducted	
Dimensions (cabinet only) ⁽²⁾	Width: 14", Height: 15", Length: 26"	
Unit Weight Shipping Weight	63 lbs. 81 lbs.	
Inlet air operating conditions during	Dehumidification:	50°F–104°F, 40°F dew point min.
	Ventilation:	40°F–140°F, 0%–99% RH (non-condensing)

⁽¹⁾Rated capacity, energy factor and current draw measured at 80°F/60% RH inlet air at 0.0 ESP.

⁽²⁾Height does not include adjustable feet. The width excludes the filter doors and length excludes the duct collars.





DAIKIN 19 SERIES SINGLE-ZONE HEATING AND COOLING SYSTEMS

WALL-MOUNTED UNITS

Up to 19 SEER / Up to 10.0 HSPF / Up to 12.5 EER
INVERTER, VARIABLE-SPEED COMPRESSOR



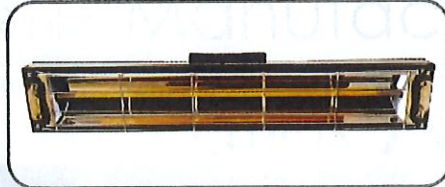
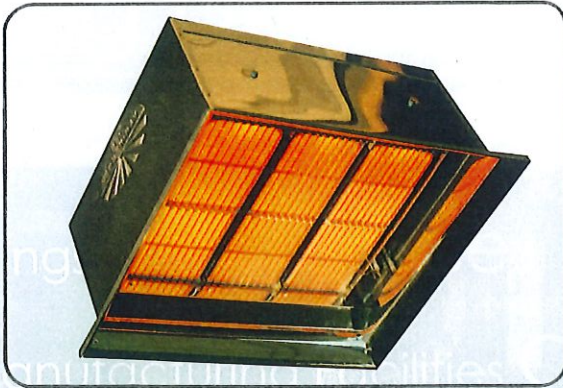


DETROIT RADIANT
PRODUCTS COMPANY

GAS FIRED INFRA-RED RADIANT HEATING EQUIPMENT



**ENERGY EFFICIENT
HEATING SOLUTIONS**



Global provider of energy efficient heating solutions since 1955

Introducing The New

Ultra Commercial

Condensing high-efficiency gas boiler

- 2 Sizes: 550 & 750 MBH
- 93.9% Thermal Efficiency
- 94% Combustion Efficiency
- CSD -1 Compliant is Standard
over \$450 Value
- Lightweight and Requires Minimal Clearance
- Fast & Easy Out of the Box Installation
- Low NOx Certified
- PVC Venting for Direct Vent and Direct Exhaust
- Compact Design Packaged Boiler
- 20% - 100% Modulation (5:1 Turn Down Ratio)

Featuring

Ucontrol Flexibility

- Includes 11 Pre-Set Applications for Quick System Setup
- Fully Integrated Multiple Boiler Control
- 3 Distinct Temperatures with Individual Outdoor Resets
- Real Text LCD Display

Weil-McLain Is The Contractor's Choice

**Voted 2008
Top Brand of
Gas Boilers**



#1 brand preferred by
U.S. HVAC contractors
*12% lead over the
nearest competition*

FROST & SULLIVAN



 **WEIL-McLAIN**