

Project: _____

Architect: _____

Contractor: _____

Suppliers: _____

Dealer: _____

Engineer: _____

Location: _____

Date: _____

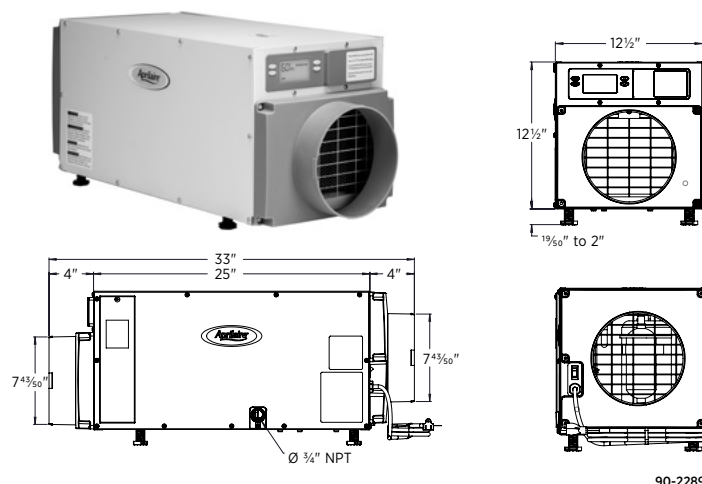
SPECIFICATIONS

Capacity⁽¹⁾ (water removal)	70 ppd
Energy factor⁽¹⁾ (efficiency)	2.1 L/kWh (4.44 pints/kWh)
Voltage, phase, frequency	120 VAC, 1 phase, 60Hz
Current draw⁽¹⁾	5.8 Amps
Airflow	0.0"w.c. @ 160 CFM, 0.4"w.c. @ 70 CFM
Sound level	53 dBA ducted, 58 dBA not ducted
Dimension (cabinet only)⁽²⁾	Width: 12½" Height: 12½" Length: 25"
Weight	56 lbs.
Control	Front mount only
Filter	Washable MERV 8
Refrigerant	R410A
Coil type	Corrosion-resistant aluminum
8' Power cord	Plug type
Duct connection	8" round
Drain connection⁽³⁾	3/4" MNPT Threaded
Control mounting	Front mount only
Cabinet insulation	1/2" EPS
Air discharge	End of cabinet only
Duct collars	8" round at inlet and outlet
Backdraft damper	No
Warranty	5 Years on all parts

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

⁽²⁾Filter rack adds 3%.

⁽³⁾Requires drain trap. Adapters for threaded connection for plastic hose included.



90-2289

OPERATION

The Aprilaire Model 1820 Crawl Space Dehumidifier is 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 Aprilaire Model 1820 Crawl Space Dehumidifier is the perfect solution for controlling humidity in crawl spaces; protecting against structural damage, pests and mold.

CIRCULATION

The Model 1820 can also be programmed to circulate the air within a crawl space. Circulating the air evens out relative humidity levels and temperature in the space, eliminating variations in the environment.

The submittal is intended to show general, overall product dimensions and provide guidance for installation clearance. Drawings are not to scale. Ensure submittals are current. Research Products reserves the rights to make product change without notifications or obligations.