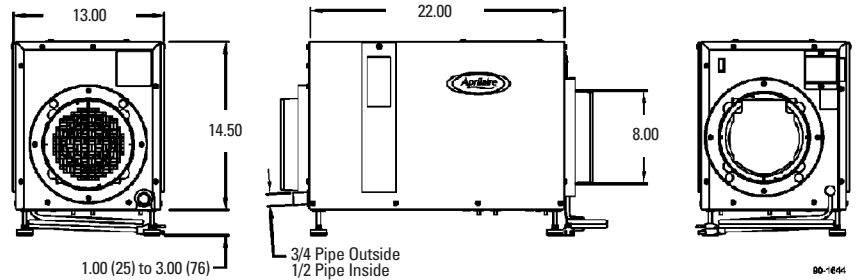


PRODUCT SPECIFICATIONS	
Description	Model 1730A
Capacity	65 ppd@ 80° F/60% RH
Voltage/Phase/Frequency	115/1/60
Amp Draw @ 80 F/60% RH	7 amps
Air Flow	150 CFM @ .5" w.c.
Inlet Air Temp. Range	60°F - 95° F
Inlet Air Humidity Range	30% RH - 99%
Ventilation	NA

PRODUCT FEATURES AND APPROXIMATE OPERATING CONDITIONS	
Description	Model 1730A
Controls	Model 75 Included
Cabinet Insulation	1" Foil Face EPS
Dimensions	Width: 12.5" cabinet, 13" w/doors Height 14.5" cabinet, 17" w/ 2.5" leveling feet Length 22" cabinet, 27" w/collars
Discharge Air	Top or end air discharge
Duct Size	*8" Dia.
Integral Backdraft Damper or Outlet	Included
Filter	1" washable MERV 8
Refrigerant Type	R410A
8' Power Cord Plug Type	NEMA 5-15P
Discharge Air Temperature	20° - 30° Temperature rise from inlet temperature
Discharge Air Humidity	13% RH @ 80°F/60% Inlet
Sound Level	52 dBA Ducted 57 dBA Unducted
Weight	65 Lbs.
Warranty	5 Year.
Energy Star Rated	Yes
Drain Safety Pan	Included



PRINCIPLE OF OPERATION

The Aprilaire Model 1730A is designed to dehumidify the air coming into the unit by passing the incoming air over an evaporator coil to drop the air temperature and dewpoint 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 setpoint is reached, then shuts off until the Model 75 Control determines a need for operation.

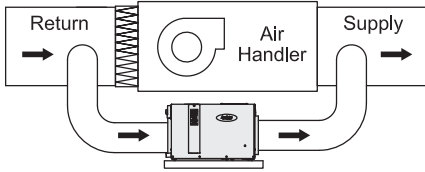
APPLICATION

The Aprilaire Model 1730A is the perfect product for smaller homes, townhomes and condominiums.

MODEL 1730A PERFORMANCE				
AT INLET AIR CONDITIONS AND 150 CFM (.5"W.C.)				
Water Removal PPD				
Relative Humidity, % RH				
RH	Temperature			
	65	70	80	90
50		30	50	55
60	25	45	65	75
70	35	60	80	40
80	40	65	70	35

Features Of The Aprilaire 1730A Dehumidifier

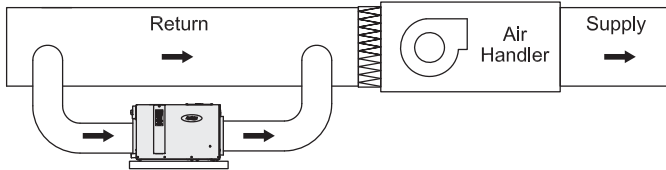
Main Return To Main Supply



Application (return to supply)

- This is the most common whole house installation
- Air is pulled from the return duct, dehumidified, and returned to the supply plenum
- Minimizes re-evaporation off of cooling coil
- This application is used in basements, attics, equipment closets, etc.

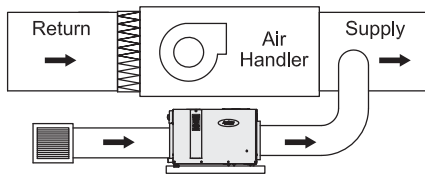
Main Return To Main Main Return



Application (return to return)

- This application can be used when the a supply duct is not available
- Air is pulled from the return duct, dehumidified, and returned to the return duct
- Assures that the dehumidified air is mixed with rest of the air in the duct before it re-enters the house
- This application is used in basements, attics, crawl spaces, etc

Dedicated Return To Main Supply Or Return



Application (dedicated return to supply or return)

- This application can be used when the a return duct is not available
- Air is pulled through a dedicated return grille, dehumidified, and returned to the supply plenum or return

Dedicated A/C Return To Dedicated Supply



Application (dedicated supply and return)

- For homes without duct work
- Dries a specific area that has a moisture issue
- Dehumidifier can be located in a closet, mechanical room or unfinished area and ducted into a finished room

Unducted



Application (freestanding)

- Model 1730A unducted.
- Air is pulled into the dehumidifier directly from the space, dehumidified, and return back to the space.
- This application is used in basements, crawlspaces, etc.

Model 75 Wall Mount Dehumidifer Control



- On/Off buttons
- Wall mounted living space control
- Displays RH and controls to an RH value

Set Point Range	40% RH to 80% RH
Cut-off Limit: (low)	40° F Dewpoint
Operating Temperature	32° F to 120° F
Display Range	1% RH to 99% RH
Accuracy	±5% RH
Differential	3%
Dimensions	2.25 W x 2.75 H x 0.80 D

