

# DuctDry-Series

## Ducted Dehumidifiers

Moisture Removal | 65 - 90 - 120 ppd

Product Data



# Whole-Home Dehumidifiers

## Why Indoor Air Quality Matters

Today's homes are built tighter to increase energy efficiency. However, tighter homes can limit the natural exchange of indoor and outdoor air leading to poor indoor air quality and leaving excessive humidity trapped inside the home.

## Excessive Humidity Can Trigger:

- Sticky or damp feeling
- Condensation on windows and other surfaces
- Cracking, peeling or blistering of paint
- Cupped/Splitting wood flooring
- Musty odors
- Mold or mildew
- High cooling bills

## Sources Of Humidity.



### Cooking

Boiling water and other cooking methods release humidity into the air.



### People

People consistently add moisture into their home through breathing and perspiration.



### Bathing and showering

Bathroom fans can help, but showering and bathing are two primary sources of excess moisture.



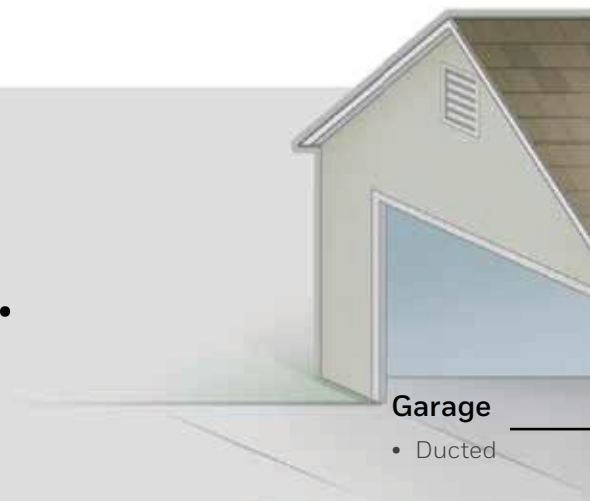
### Infiltration

Outside air can cause excess humidity when air seeps through cracks in flooring, electrical outlets and windows.

## Every Installation, Every Application.

You'll appreciate the limitless opportunities that Whole-Home Dehumidifiers have to offer with their application flexibility, variety of sizes and control options.

Whole-Home Dehumidifiers can be centrally ducted with heating and cooling equipment for whole-house dehumidification, or used as a standalone solution (unducted\*) to address humidity problem areas such as attics, crawlspaces or basements.



## The Best Solution

Homeowners with excess humidity in their homes often purchase portable, single-room dehumidifiers that can be noisy and difficult to maintain. Plus, they only remove moisture in the rooms where they're located.

Whole-Home Dehumidifiers are integrated into your HVAC equipment, which means they're more effective and can be less expensive than putting multiple single-room units in a home. Plus, every Whole-Home dehumidifier is ENERGY STAR® rated providing efficient and economical operation.

Whole-Home Dehumidifiers can also be used as a standalone solution to quietly remove moisture from specific problem areas, improve comfort and eliminate the need for maintenance (such as emptying collection buckets) — all while using less energy compared to most portable dehumidifiers.

Whole-Home Dehumidifiers utilize environmentally-friendly R-410A refrigerant and conform to EPA standards for refrigerants. With a 5 year warranty, that's peace of mind for both you and your customers.

## ENERGY STAR Rating











Every Whole-Home Dehumidifier meets the strict ENERGY STAR® requirements based on water removal per kilowatt. Compared to other dehumidifiers available today, Whole-Home Dehumidifiers can save the homeowner energy and dollars. Because dehumidified air contains less moisture and feels cooler homeowners can set their thermostat higher. The ENERGY STAR® Foundation estimates that homeowners can save up to six percent\* on overall cooling costs for every degree the thermostat is turned up.

\*ASHRAE/ARI data



\*Refer to Instruction Manual for installation guidelines.

WHOLE-HOME DEHUMIDIFICATION								
 DR65A3000	65-pint dehumidifier with MERV 11 filtration	2-3 ton system Approx. 1800 sq. feet	65 pints per day at 80°F, 60%RH	Smaller homes, condos, townhomes, crawlspaces, basements and attics	Compact size, ENERGY STAR® rated, onboard control, intuitive wiring, easy access service panels, side-ducted exhaust	R-410A	110-120V, 5.2 amps, 60Hz, grounded	Width: 12" Height: 12" Length: 28.5"
 DR90A3000	90-pint dehumidifier with MERV 11 filtration	3-4 ton system Approx. 2800 sq. feet	90 pints per day at 80°F, 60%RH	Single homes, multi-family homes and larger homes	ENERGY STAR® rated, built-in ventilation port, side-ducted exhaust	R-410A	110-120V, 5.9 amps, 60Hz, grounded	Width: 14.325" Height: 19.325" Length: 32.35"
 DR120A3000	120-pint dehumidifier with MERV 11 filtration	4-5 ton system Approx. 3600 sq. feet	120 pints per day at 80°F, 60%RH	Larger homes, Light commercial	ENERGY STAR® rated, high capacity dehumidification, ventilation and air filtration side-ducted exhaust	R-410A	110-120V, 7.3 amps, 60Hz, grounded	Width: 14.325" Height: 21.25" Length: 32.35"

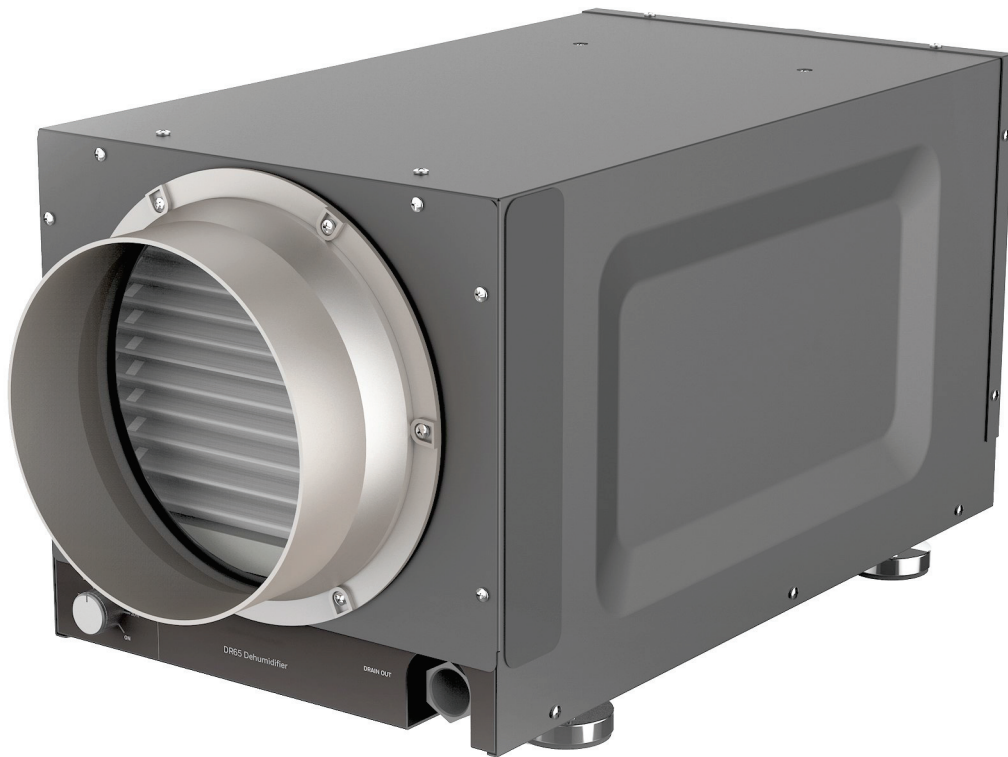
CONTROLS WHOLE-HOME DEHUMIDIFICATION				
				
<b>Redesigned Prestige IAQ and Prestige 2.0</b> <ul style="list-style-type: none"> <li>High-definition, full-color display</li> <li>RedLINK™ technology and accessories</li> <li>Sliding scale shows actual and desired humidity levels</li> <li>Customizable service reminders</li> </ul>	<b>VisionPRO 8000</b> <ul style="list-style-type: none"> <li>All-in-one control in the living space</li> <li>RedLINK technology and accessories</li> <li>Smart Schedule programs in seconds</li> </ul>	<b>T10 Pro Smart</b> <ul style="list-style-type: none"> <li>Control humidification, dehumidification, or ventilation from thermostat or app</li> <li>Energy savings through time-based scheduling and geofencing at thermostat or in app</li> <li>Add on RedLINK Room Sensors to extend reach of thermostat beyond the hallway sensors</li> </ul>	<b>TrueIAQ™ IAQ Control</b> <ul style="list-style-type: none"> <li>Manages dehumidification, Humidification, and ventilation from a central point in home</li> <li>Advanced temperature and Humidity sensing</li> <li>Automatically adjusts indoor settings based on outdoor conditions</li> </ul>	<b>HumidiPRO Digital Humidity Control</b> <ul style="list-style-type: none"> <li>Manages dehumidification and humidification</li> <li>Simple installation, programming and operation</li> <li>Wired outdoor sensor included</li> <li>Automatically adjusts indoor setting based on outdoor conditions</li> </ul>

# DuctDry-Series

## Ducted Dehumidifiers

DR65A | Moisture Removal | 65 ppd

Product Data



# DR65A3000

## Ventilating Dehumidification System

### SPECIFICATION DATA

#### DR65 Capacities and Performance

Part Number:	DR65A3000
Blower:	160 CFM @ 0.0 in. WG 100 CFM @ 0.6 in. WG
Supply Voltage:	120 VAC; 60 Hz.
Amps:	5.2 A
Power transformer to R/C terminals:	24 VAC, 0.85A
Energy performance:	2.22 liters (4.7 pints) per kilowatt hour (KWH) Energy
Refrigerant:	R-410A
Operating Temp Range (outside cabinet):	34 – 135 °F (1.1 – 57.2 °C)
Capacity:	34 pints/day (60 °F [15.6 °C], 60 %RH) 47 pints/day (70 °F [21.1 °C], 60 %RH) 65 pints/day (80 °F [26.7 °C], 60 %RH)
Coverage:	Up to 1800 sq. ft.
Duct Connections:	8 in. Round Inlet 8 in. Round Outlet (ABS Plastic)
Filter Efficiency:	Standard MERV-11
Drain Connection:	3/4 in. threaded female NPT, with attached 3/4 in. threaded male NPT
Dimensions (See Fig. 1):	
Width:	12 in.
Height:	12 in.
Length:	28-1/2 in. (with collars)
Weight:	60 lbs (27 Kg)
Shipping Specs	
Width:	17 in.
Height:	16.7 in.
Length:	32.9 in.
Weight:	68 lbs (31 Kg)
Optional Parts	
Replacement Filter	50049537-005
Motorized Ventilation Damper	EARD6
Bypass Damper	CPRD8/U
ETL listed per UL474 and CSA 22.2 No. 92	
Energy Star rated	

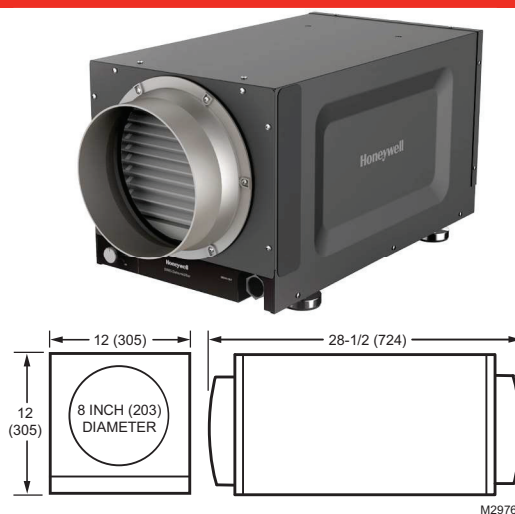


Fig. 1. Dimensions in in. (mm).

Honeywell Whole-House Dehumidifiers are designed to help maintain proper humidity levels in the home. Lower humidity levels feel more comfortable, and helps safeguard against problems from excess moisture in the home such as mold, mildew, warped wood, peeling of paint, or musty odors. Honeywell Whole Home Dehumidification Systems are Energy Star rated, providing efficient and economical operation.

#### Dehumidification

The Honeywell DR65A3000 dehumidifier utilizes refrigeration and internal air circulation to cool the incoming air stream below its dew point. Water condenses and drains off the coil, sending drier air back into the house.

- Can remove up to 65 pints/day of moisture.
- Energy Star rated
- Integrated set and forget humidistat
- Side ducted exhaust
- Reduced noise during operation
- MERV 11 air filtration

#### Ventilation

The Honeywell DR65A3000 has a separate control for ventilation, so the powerful onboard blower can be used to efficiently bring fresh air into the house even when dehumidification is not needed.

#### Simplified Wiring

The Honeywell DR65A3000 has an onboard dehumidistat that allows the unit to run without any additional wiring. In addition, Honeywell dehumidifiers can be controlled by a variety of 24-volt remote wired and wireless controls.

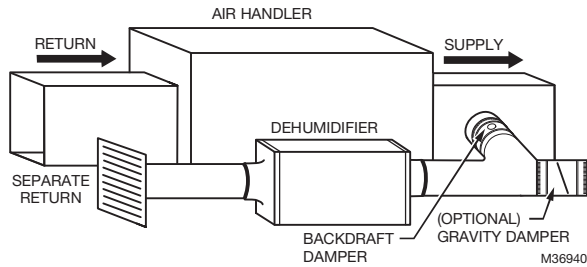
The DR65A3000 allows the use of a 24V normally closed float switch or water sensor to simplify installation in a drain pan. This will allow the external float switch to kill power to the compressor in the event of water blockage.



# Installation Recommendations and Options

**A**

## Dedicated Return to Main Supply

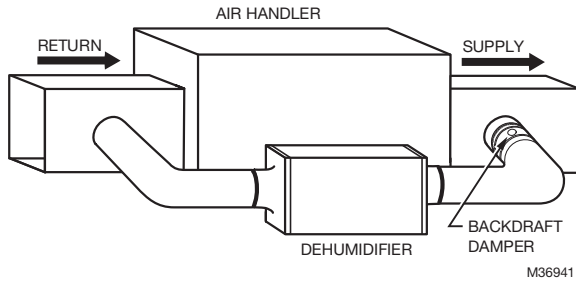


Ideal when...

- Access to a dedicated central return for DR65A3000 is available.
- Combined with A/C operation; requires backdraft damper on the exhaust port to minimize backdraft when DR65A3000 is not on but A/C is.
- Providing dry air to a specific area with an optional 20% open gravity damper on DR65A3000 supply.

**B**

## Main Return to Main Supply

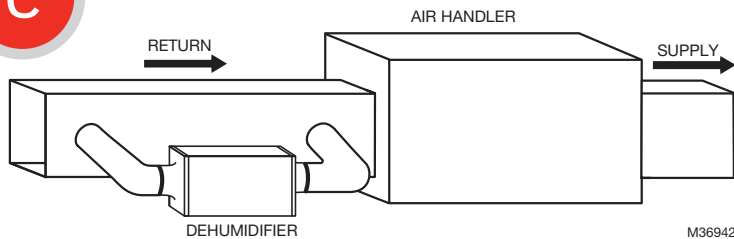


Ideal when...

- Running DR65A3000 when not running A/C. Requires damper on the exhaust port to minimize backdraft when DR65A3000 is not on but A/C is.
- Access to a dedicated central return for DR65A3000 is not available.
- System fan should run with dehumidifier for best results.

**C**

## Main Return to Main Return

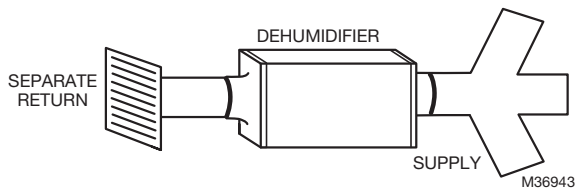


Ideal when...

- Running DR65A3000 with A/C operation.
- System fan must run with dehumidifier.
- Minimizing discharge air temperature (DAT) increase is preferred.
- Access to a dedicated central return for DR65A3000 is not available.

**D**

## Dedicated Return to Dedicated Supply



Ideal when...

- DR65A3000 will not be ducted to a forced air HVAC system.



1. Never operate a unit with a damaged power cord. If the power cord is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified person in order to avoid a hazard.
2. The appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

# DuctDry-Series

## Ducted Dehumidifiers

DR90A | Moisture Removal | 90 ppd

Product Data





# DR90A3000

## Ventilating Dehumidification System

### SPECIFICATION DATA

#### DR90A3000 Capacities and Performance

Part Number:	DR90A3000
Blower:	320 CFM @ 0.0 in. WG 215 CFM @ 0.6 in. WG
Supply Voltage:	120 VAC; 60 Hz.
Amps:	5.3 A
Power transformer to R/C terminals:	24 VAC, 0.85A
Energy performance:	2.9 liters (6.1 pints) per kilowatt hour (KWH) Energy
Refrigerant:	R-410A
Operating Temp Range (outside cabinet):	34 – 135 °F (1.1 – 57.2 °C)
Capacity:	47 pints/day (60 °F [15.6 °C], 60 %RH) 65 pints/day (70 °F [21.1 °C], 60 %RH) 90 pints/day (80 °F [26.7 °C], 60 %RH)
Coverage:	Up to 2800 sq. ft.
Duct Connections:	6 in. Supply Inlet 10 in. Round Inlet 10 in. Round Outlet (ABS Plastic)
Filter Efficiency:	Standard MERV-11
Drain Connection:	3/4 in. threaded female NPT, with attached 3/4 in. threaded male NPT
Dimensions (See Fig. 1):	
Width:	14-3/8 in.
Height:	19-3/8 in.
Length:	25-13/16 in. (without collars) 32-3/16 in. (with collars)
Weight:	86 lbs (39 Kg)
Shipping Specs	
Width:	19.3 in.
Height:	25.2 in.
Length:	35.8 in.
Weight:	95 lbs (43 Kg)
Optional Parts	
Replacement Filter	50070171-002
Motorized Ventilation Damper	EARD6
Bypass Damper	CPRD10
ETL listed per UL474 and CSA 22.2 No. 92	
Energy Star rated	



Fig. 1. Dimensions in in. (mm).

Honeywell Whole-House Dehumidifiers are designed to help maintain proper humidity levels in the home. Lower humidity levels feel more comfortable, and helps safeguard against problems from excess moisture in the home such as mold, mildew, warped wood, peeling of paint, or musty odors. Honeywell Whole Home Dehumidification Systems are Energy Star rated providing efficient and economical operation.

#### Dehumidification

The Honeywell DR90A3000 dehumidifier utilizes refrigeration and internal air circulation to cool the incoming air stream below its dew point. Water condenses and drains off the coil, sending drier air back into the house.

- Can remove up to 90 pints/day of moisture.
- Energy Star rated
- Multitude of external controller options
- Side ducted exhaust
- Reduced noise during operation
- MERV 11 air filtration

#### Ventilation

The Honeywell DR90A3000 has a separate control for ventilation, so the powerful onboard blower can be used to efficiently bring fresh air into the house even when dehumidification is not needed. The DR90A3000 has a 6" supply side damper that can be used to duct in air from the outside, or closed if not needed.

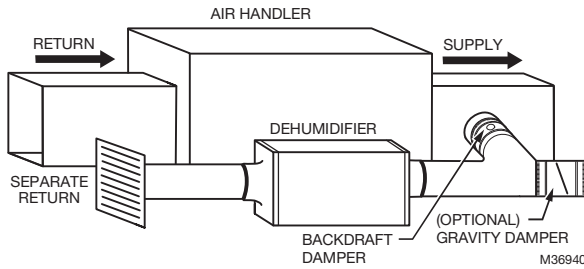
#### Simplified Wiring

The Honeywell DR90A3000 dehumidifiers can be controlled by a variety of 24-volt remote wired and wireless controls.

The DR90A3000 allows the use of a 24V normally closed float switch or water sensor to simplify installation in a drain pan. This will allow the external float switch to kill power to the compressor in the event of water blockage.

**A**

## Dedicated Return to Main Supply

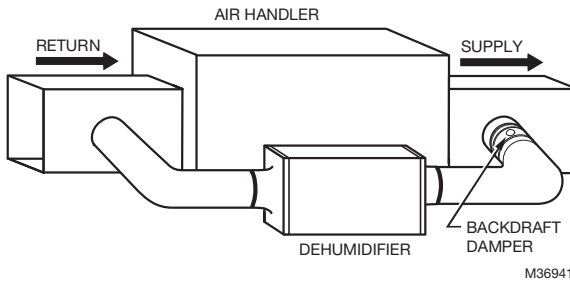


Ideal when...

- Access to a dedicated central return for DR90A3000 is available.
- Combined with A/C operation; requires backdraft damper on the exhaust port to minimize backdraft when DR90A3000 is not on but A/C is.
- Providing dry air to a specific area with an optional 20% open gravity damper on DR90A3000 supply.

**B**

## Main Return to Main Supply

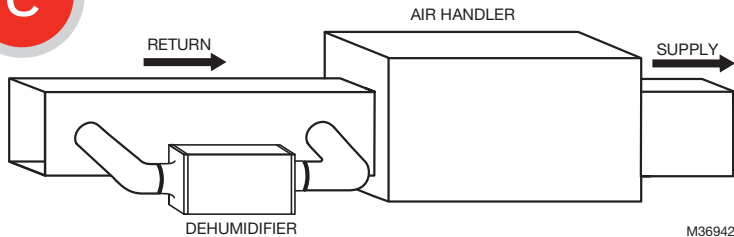


Ideal when...

- Running DR90A3000 when not running A/C. Requires damper on the exhaust port to minimize backdraft when DR90A3000 is not on but A/C is.
- Access to a dedicated central return for DR90A3000 is not available.
- System fan should run with dehumidifier for best results.

**C**

## Main Return to Main Return

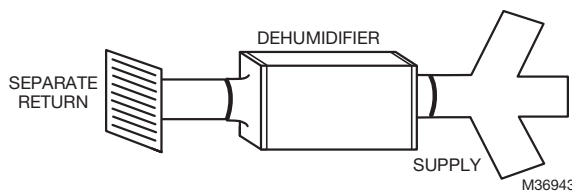


Ideal when...

- Running DR90A3000 with A/C operation.
- System fan must run with dehumidifier.
- Minimizing discharge air temperature (DAT) increase is preferred.
- Access to a dedicated central return for DR90A3000 is not available.

**D**

## Dedicated Return to Dedicated Supply



Ideal when...

- DR90A3000 will not be ducted to a forced air HVAC system.



1. Never operate a unit with a damaged power cord. If the power cord is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified person in order to avoid a hazard.
2. The appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

# DuctDry-Series

## Ducted Dehumidifiers

DR120A | Moisture Removal | 120 ppd

Product Data



# DR120A3000

## Ventilating Dehumidification System

### SPECIFICATION DATA

#### DR120A3000 Capacities and Performance

Part Number:	DR120A3000
Blower:	400 CFM @ 0.0 in. WG 295 CFM @ 0.4 in. WG
Supply Voltage:	120 VAC; 60 Hz.
Amps:	7.3 A
Power transformer to R/C terminals:	24 VAC, 0.85A
Energy performance:	2.9 liters (6.1 pints) per kilowatt hour (KWH)
Refrigerant:	R-410A
Operating Temp Range (outside cabinet):	34 – 135 °F (1.1 – 57.2 °C)
Capacity:	63 pints/day (60 °F [15.6 °C], 60 %RH) 88 pints/day (70 °F [21.1 °C], 60 %RH) 120 pints/day (80 °F [26.7 °C], 60 %RH)
Coverage:	Up to 3500 sq. ft.
Duct Connections:	6 in. Supply Inlet 10 in. Round Inlet 10 in. Round Outlet (ABS Plastic)
Filter Efficiency:	Standard MERV-11
Drain Connection:	3/4 in. threaded female NPT, with attached 3/4 in. threaded male NPT
Dimensions (See Fig. 1):	
Width:	14-3/8 in.
Height:	21-3/16 in.
Length:	25-13/16 in. (without collars) 32-3/16 in. (with collars)
Weight:	95 lbs (43.1 Kg)
Shipping Specs	
Width:	19.3 in.
Height:	26 in.
Length:	35.8 in.
Weight:	104 lbs (47.2 Kg)
Optional Parts	
Replacement Filter	50070171-002
Motorized Ventilation Damper	EARD6
10" Backdraft Damper	SPRD10
ETL listed per UL474 and CSA 22.2 No. 92	
Energy Star rated	

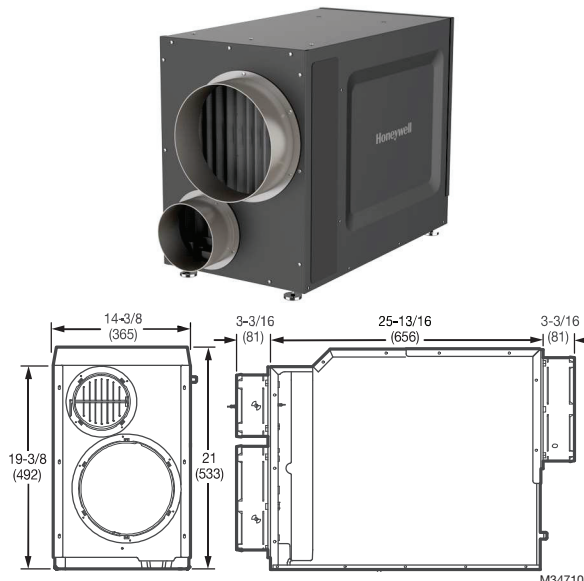


Fig. 1. Dimensions in in. (mm).

Honeywell Whole-House Dehumidifiers are designed to help maintain proper humidity levels in the home. Lower humidity levels feel more comfortable, and helps safeguard against problems from excess moisture in the home such as mold, mildew, warped wood, peeling of paint, or musty odors. Honeywell Whole Home Dehumidification Systems are Energy Star rated providing efficient and economical operation.

### Dehumidification

The Honeywell DR120A3000 dehumidifier utilizes refrigeration and internal air circulation to cool the incoming air stream below its dew point. Water condenses and drains off the coil, sending drier air back into the house.

- Can remove up to 120 pints/day of moisture.
- Energy Star rated
- Multitude of external controller options
- Side ducted exhaust
- Reduced noise during operation
- MERV 11 air filtration

### Ventilation

The Honeywell DR120A3000 has a separate control for ventilation, so the powerful onboard blower can be used to efficiently bring fresh air into the house even when dehumidification is not needed. The DR120A3000 has a 6" supply side damper that can be used to duct in air from the outside, or closed if not needed.

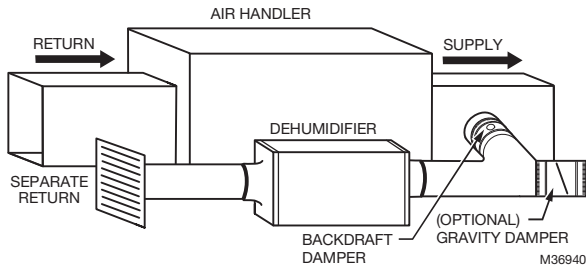
### Simplified Wiring

The Honeywell DR120A3000 dehumidifiers can be controlled by a variety of 24-volt remote wired and wireless controls.

The DR120A3000 allows the use of a 24V normally closed float switch or water sensor to simplify installation in a drain pan. This will allow the external float switch to kill power to the compressor in the event of water blockage.

**A**

## Dedicated Return to Main Supply

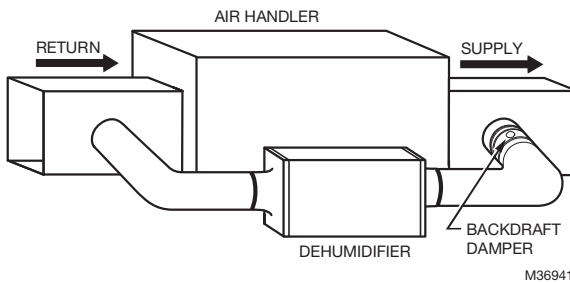


Ideal when...

- Access to a dedicated central return for DR120A3000 is available.
- Combined with A/C operation; requires backdraft damper on the exhaust port to minimize backdraft when DR120A3000 is not on but A/C is.
- Providing dry air to a specific area with an optional 20% open gravity damper on DR120A3000 supply.

**B**

## Main Return to Main Supply

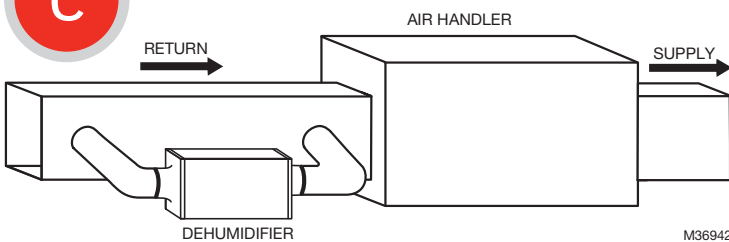


Ideal when...

- Running DR120A3000 when not running A/C. Requires damper on the exhaust port to minimize backdraft when DR120A3000 is not on but A/C is.
- Access to a dedicated central return for DR120A3000 is not available.
- System fan should run with dehumidifier for best results.

**C**

## Main Return to Main Return

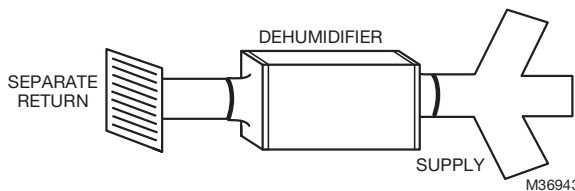


Ideal when...

- Running DR120A3000 with A/C operation.
- System fan must run with dehumidifier.
- Minimizing discharge air temperature (DAT) increase is preferred.
- Access to a dedicated central return for DR120A3000 is not available.

**D**

## Dedicated Return to Dedicated Supply



Ideal when...

- DR120A3000 will not be ducted to a forced air HVAC system.

For best performance, the minimum distance required between the air inlet and outlet when utilizing a Main Return/Main Return location is 5 feet.