

# BROAN® B120DHV



THE **B120DHV** DELIVERS SUPERIOR INDOOR AIR QUALITY THROUGH MERV-13 FILTRATION. THE SYSTEM DESIGN PROVIDES EXCELLENT ENERGY EFFICIENCY WHILE DELIVERING HUMIDITY CONTROL TO LARGE SPACES.

## PERFORMANCE

Water Removal	121 Pints / 15.125 Gallons
Efficiency	6.1 Pints/kWh
Energy Factor	2.95 L/kWh
Blower	350 CFM @ 0.0" WG 285 CFM @ 0.2" WG 210 CFM @ 0.4" WG
Operating Temperature	49°F Min., 95°F Max.
Sizing	Up to 3,000 Sq. Ft. / 30,000 Cu. Ft.

## ELECTRICAL

Power	840 watts @ 80°F and 60% RH
Supply Voltage	115 volt – 1 phase – 60 Hz
Current Draw	7.3 amps
Power Cord	9', 115 VAC, Ground
Circuit Requirement	15 Amps



## SPECIFICATIONS

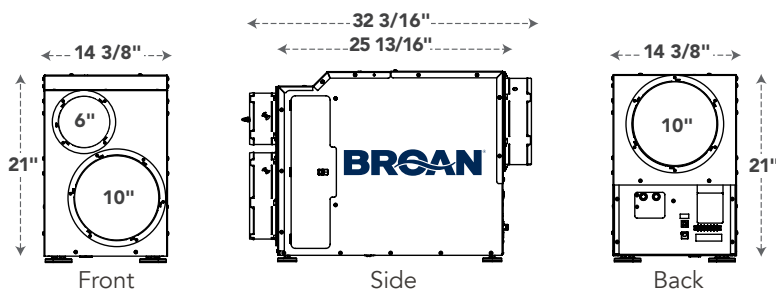
Duct Connections	6" Round Inlet, 10" Round Inlet, 10" Round Outlet
Drain Connection	3/4" Threaded Female NPT
Refrigerant	R410A, 1 lb. 10 oz.
Unit Dimensions	14.375"W x 21"H x 32.1875"D
Unit Weight	91 lbs.

## SHIPPING

Shipping Dimensions	18.5"W x 23.5"H x 40"D
Shipping Weight	101 lbs.
Pallet Quantity	4 per pallet

## FEATURES

- Features a horizontal configuration with optional vertical discharge
- Designed for quiet operation
- Engineered for low temperature operation providing comfort year round
- Use of DEH 3000/R digital control for outdoor air ventilation and humidity control
- Superior MERV-13 filtration to improve indoor air quality
- Ducting option for fresh outdoor air ventilation
- Push button reset for transformer protection



Specifications are subject to change without notice. Performance is based on pints / gallons per day @80°F/60%RH. Sizing is based on 10 foot ceiling height. Unit dimensions and weight are with collars on.

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## FILTRATION



### MERV-13 Filter

- Designed to trap particles down to 0.3 microns
- 90% ASHRAE Dust Spot
- 1.75" x 14" x 17.5"

## INSTALLATION



### DEH 3000 DIGITAL CONTROL

- Precise monitoring and control of moisture levels
- Manages fresh air filtration with optional damper
- Activates air filtration



### HANG KIT

- One person set up
- Minimal parts
- Ideal for tight spaces or spaces prone to flooding and standing water

Part No.	Item
DHA4037722	MERV-13 Filter

Part No.	Item
DHA4028539	DEH 3000 Digital Control
DHA4028407	DEH 3000R Digital Control (Includes Remote Sensor)

Part No.	Item
DHA4036695	Hang Kit

## Parts

S4020924	Fan Relay	S4034431	Impeller
S4022484	Comp Relay	S4035235-02	Fan Capacitor
S4022487	Transformer	S4034033	Compressor Overload
S4029510	Filter Drier	S4033032-04	Comp Run Capacitor
		S4036967	Defrost Thermostat
		S4026221	Leveling Feet
		S4036559	Circuit Breaker

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