



DHM120R4000 Whole House Dehumidifier

SUBMITTAL SHEET

Job Name	
Engineer	
Mechanical Contractor	
Contractor's P.O. No.	
Representative	
Notes	

Model(s)	
DHM120R4000	Qty.
Notes	
Approval	
Service	
Tag No.	

DHM120R4000 CAPACITIES AND PERFORMANCE

Part Number: DHM120R4000

Blower:

370 CFM @ 0.0 in. WG
180 CFM @ 0.5 in. WG

Supply Voltage: 120 VAC; 60 Hz.

Amps: 4.6 A

Energy Performance: 2.61 liters (5.5 pints) per kilowatt hour (KWH) energy

Refrigerant: R32

Operating Temp Range (outside cabinet): 34 – 130 °F (1.1 – 54.4 °C)

Capacity:

65 pints/day (60 °F [15.6 °C], 60 %RH)
90 pints/day (70 °F [21.1 °C], 60 %RH)
122 pints/day (80 °F [26.7 °C], 60 %RH)

Duct Connections:

6 in. Supply Inlet
10 in. Round Inlet
10 in. Round Outlet
(ABS Plastic)

Media Filter: MERV 8, 14" W x 20" H x 1" D

Drain Connection: 3/4 in. threaded female NPT

Dimensions (See Fig. 1):

Length: 27-1/4 in. (without collars)
Width: 14-7/8 in.
Height: 21-1/8 in.
Collar Length: 3-1/8 in. (each)
Weight: 96 lbs (43.3 Kg)

Shipping Specs:

Width: 19.8 in.
Height: 27 in.
Length: 37 in.
Weight: 106 lbs (47.9 Kg)

Replacement Parts	Part Number Description
50081282-002/U	1" MERV 8 prefilter for DHM090 and DHM120
50081282-003/U	Display controller assembly
50081282-004/U	Main control board
50081282-005/U	Dehumidifier coil freeze sensor
50081282-007/U	50 uF compressor capacitor - DHM090

Replacement Parts	Part Number Description
50081282-009/U	Outlet sensor control board
50081282-010/U	Inlet sensor control board
50081282-011/U	Transformer
50081282-014/U	Dehumidifier fan - DHM120
50081282-017/U	10 uF fan capacitor - DHM120
50081282-019/U	Configurable outlet - DHM090 and DHM120

ETL Listed per UL 60335-1, 60335-2-40, CSA C22.2 No. 60335-1 and 60335-2-40

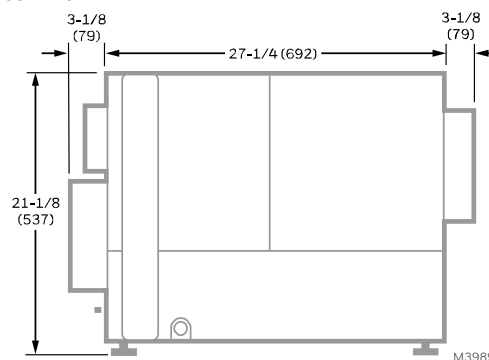


Fig. 1. Dimensions in in. (mm).

Engineered for top-quality durability and performance

The Honeywell Home Whole Home Dehumidifier is built to last through real-world conditions with innovative features that make it the ideal solution for reliable, efficient moisture control.

Flexible Fit

When space is tight, flexibility matters. The tri-directional outlet repositions up, forward, or sideways to simplify installation in complex spots.

Serviceability

This optimized dehumidifier is designed with replaceable components to save time and cost supporting business growth. Also featuring an adjustable onboard display unit for easy access in any setup.

Extended Lifecycle

Smart sensors boost efficiency and shut the unit down in potentially harmful conditions which extends product life. It works smarter for you and your customers.

Top Performing Efficiency

All models are ENERGY STAR® certified. A smart, efficient choice for pros committed to providing quality solutions.

By using this Resideo literature, you agree that Resideo will have no liability for any damages arising out of your use or modification to, the literature. You will defend and indemnify Resideo, its affiliates and subsidiaries, from and against any liability, cost, or damages, including attorneys' fees, arising out of, or resulting from, any modification to the literature by you.

Manufactured by
Resideo Technologies, Inc.
Scottsdale, AZ 85254
1-800-468-1502
33-00756-01 SA 09-25
resideo.com

© 2025 Resideo Technologies, Inc. All rights reserved.
The Honeywell Home trademark is used under license from Honeywell International, Inc. This product is manufactured by Resideo Technologies, Inc. and its affiliates.



33-00756-01