

PUREAIRO

WMDH 33 (On Wall Solution)

OVERVIEW

The energy efficient WMDH 33 IN Wall Dehumidifier or ON Wall Dehumidifier system removes excess moisture to reduce the risks associated with mold growth. Specifically designed for lowering relative humidity in multi-family housing, the WMDH 33 has proved beneficial in a range of indoor living spaces. A successful humidity control strategy will lower relative humidity levels below 60% to proactively prevent mold growth. The most effective and efficient way to improve Indoor Air Quality (IAQ) and prevent mold growth is with supplemental dehumidification.

Advantage

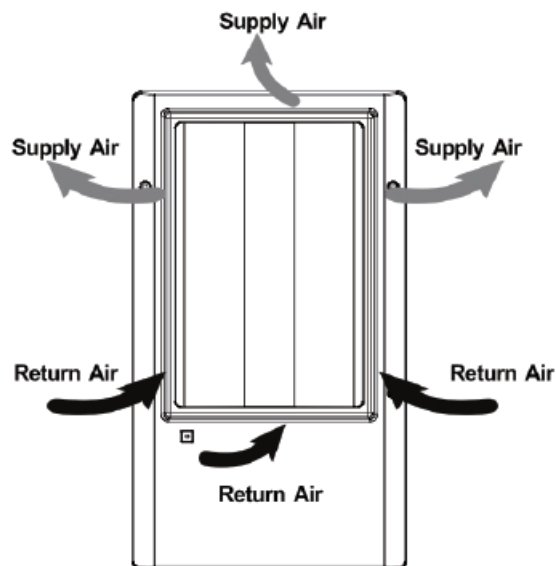
WMDH 33 has a slim design and can be installed in a variety of ways. The IN Wall dehumidifier can be used for semi-embedded installation, while the ON Wall dehumidifier is designed for wall-mounted installation directly on various surfaces, including dry walls, CMU blocks, masonry, concrete, plaster, etc. WMDH 33 was designed for daily use, it can remove 15 liters of water per day in no more than 1,500 square feet of space. The perfect solution for hands-free dehumidification of apartments, houses, basements, garages, etc. WMDH 33 can be directly discharged into the hub drain pipe or other piping system, and has a built-in optional condensate pump, bid farewell to those annoying water storage tanks. Other features of this modern dehumidifier include LED lights to simplify maintenance; increased coil strength and longer coil life; a MERV-8 air filter that can be cleaned easily; and alternate drainage and power wiring. The innovative dehumidifier system is committed to providing quality products and services with a 5-year warranty.



AIR FLOW

The WMDH 33 functions by drawing moist air in through the bottom portion of the diffuser and returning dried air to space out the top portion of the diffuser.

Note: Avoid blocking the return and supply airflow to maximize unit performance and prevent heat build-up.



PRINCIPLE OF OPERATION

The WMDH 33 Dehumidifier utilizes its integral humidistat to monitor the conditioned space.

When the relative humidity goes above the selected set point, the dehumidifier will energize.

Air is drawn across an evaporator coil, which is cooler than the dew point of air. This means moisture will condense out of the air.

The air is then reheated through the condenser coil and distributed back into the room.

SPECIFICATIONS

Power Supply	220VAC, 50 Hz, 2.4 Amps
Thermally Protected Motors	
BCSC	15A
Compressor input	RLA:2.8A,LRA:14.0A
Fan Motor Power	0.025HP
Refrigerant	R134a, 215g
Maximum Design Pressure	24 Bar High Side.....9 Bar Low Side
Capacity	33 L/Day @ 30 °C 80% RH

TO ENSURE SAFETY

- 1 Disconnect electrical power before servicing.
- 2 Only plug unit into grounded electrical circuit.
- 3 Do not use extension cord.
- 4 Do not use a plug adapter.

