

ENVIRO

AIR QUALITY LLC

ULTRA EFFICIENT DEHUMIDIFIER

High Efficiency Humidity Control and Air Purification

The Enviro Air Rx is a free-standing air purifying dehumidifier that provides quiet high-efficiency humidity control and air filtration to areas up to 2,200 square feet.

The Enviro Air Rx utilizes refrigeration to cool the incoming air stream below its dew point as it passes through the dehumidification (evaporator) coil. This cooling results in the removal of moisture (latent heat) and reduction of the temperature (sensible heat). The cooled and dried air is used to pre-cool the incoming air stream resulting in up to a 200 percent increase in overall efficiency. After the pre-cooling stage the processed air is reheated by passing through the condenser coil. The latent heat removed by the evaporator coil is returned to the air stream at this stage as sensible heat, resulting in an overall increase in temperature from the incoming air.

Filtration

Standard air filtration is provided by a pleated polyester and cotton blend media filter located at the air intake at the top of the unit. The efficiency rating of this filter is 55% in the ASHRAE 52-76 Dust Spot Test and MERV-8 in the ASHRAE 52.2P test.

The optional HEPA filter is a micro-glass paper mini-pleat filter located in a special housing mounted on the back of the Enviro Air Rx cabinet. The efficiency rating of this filter is 99.97% on the D.O.P. test.

The special filter housing can be used to hold two 16" x 20" x 3" activated carbon and potassium permanganate blend filters and two 16" x 20" x 1" pleated filters instead of the HEPA filter. If HEPA filtration is required in addition to activated carbon and potassium permanganate filtration, loose fill carbon and potassium permanganate media is available in 5 gallon containers that can be loaded onto the pleats of the pre-filter.

Additional Features

Controlled by a dehumidistat with positive "ON" and "OFF" settings with a variable setting range from "20%" to "80%".

Built-in defrost system that is designed for operation down to 55oF.

Blower switch that permits continuous blower operation for filtration, independent of dehumidification.

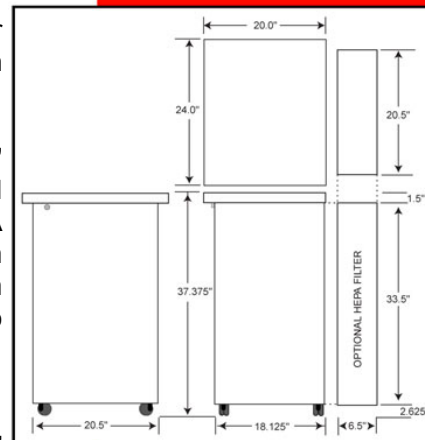
Portable and provided with four casters.

Internal condensate pump w/ 20 feet of drain hose and 15' of lift capacity.

Factory installed 6' power cord; 115 volt with ground.



The Enviro Air Rx is over twice as efficient than other dehumidifiers.



DIMENSIONS:		W / HEPA FILTER
Width:	24 inches	24 inches
Height:	37 ³ / ₈ inches	37 ³ / ₈ inches
Depth:	18 ¹ / ₈ inches	25 ⁵ / ₈ inches
Weight:	130 lbs.	

Enviro Air Rx Capacities and Performance*:

Blower	230 CFM (0" W.G.)
Kilowatts	.68 (80F. 60%)
Supply Voltage	115 volt -1phase - 60 Hz.
Amps	6.3

Minimum performance at set conditions:

Intake Air	70, 60%	80, 60%
Water removal (24hrs)	73 lbs	90 lbs
Pints/KWH	5.0	5.3

* Specifications subject to change without notice

WWW.ENVIROAIRQUALITY.COM

1-866-668-6345

Create An Allergen-Free Environment In Your Home, Office or School

Humidity Control

Maintains indoor relative humidity below 50%.
Eliminates growth of mold and dust mites.

Air Filtration

Removes dust and airborne allergens.
Optional HEPA and Activated Carbon and Potassium Permanganate filtration available.

High Capacity

Removes over 90 pints of water per day.
Up to 10 times more than residential dehumidifiers.

Quiet Operation and Finished Appearance

Specially designed to provide quieter operation and a finished appearance. *Suitable for use in offices, residences, libraries and schools.*

No Buckets

Internal condensate pump and 20 feet of drain hose allow you to direct water outside or to a suitable sink or drain.

High Efficiency

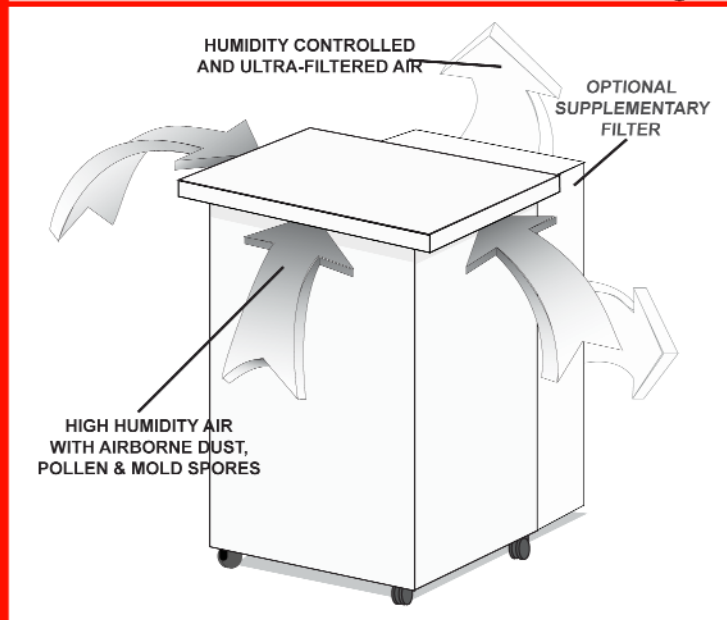
More pints of water per kilowatt of electricity.
Over twice as efficient than other dehumidifiers.



Call for More Information
1-866-668-6345

ph. 631-668-6345 fx. 631-668-0151

Enviro Air Rx Airflow Diagram



Decorating Ideas and Options

The Enviro Air Rx comes with a white metal top and a white smooth cabinet design. Many decorating options can be used on the Enviro Air Rx cabinet including:

- Painting
- Paneling
- Wallpapering

Your local kitchen or cabinet shop may be able to provide additional decorating options including wood veneer panels for the cabinet, and wood or other laminate choices for the top.



ENVIRO

AIR QUALITY LLC