

Industrial Commercial Dehumidifier

ELITE Series refrigerant De humidifier

High configuration intelligent design

Create a boutique industrial dehumidifier, the quality is beyond imagination

Continue to dehumidify and enjoy dryness

Suitable for all small warehouses, sundries and goods to be stored safely

Intelligent defrosting

Hot gas bypass provides automatic defrosting for proper dew point

One key quick dehumidification

Intelligent control panel system, large LCD screen, real time display of set parameters

Automatic and accurate humidity control

High accuracy sensors with automatic temperature control

All Copper tube two devices

Internally grooved copper tube with hydrophilic film

Refrigerant compressor

Driven by an electric motor, cooled with refrigerant fluid and protected against thermal overload.

Timer Drain

Ensures proper condensate drain

Body Construction

Made of Heavy duty powder coated Galvanized iron sheet



Strong performance & reliability

- Stable pressure dew point as low as 3°C.
- Simple and proven design.
- Quality components.

Quick installation & easy operation

- Compact footprint.
- Simple vertical design.
- Quick plug-and-play installation.
- Relative Humidity % RH indicator to verify air quality.

Cost savings

- Efficient cooling system ensures low energy costs.
- Increased lifetime of tools and equipment.
- Fewer repairs to tools, machines and pipe work.

Low maintenance

- Long service intervals.
- Easy access to key components.

Wide Cool ELITE Series—Refrigerated Dehumidifier

The WIDECOOL ELITE series refrigerated dehumidifiers backed by an experienced team, we are able to consistently deliver high quality Vertical Dehumidifier. The equipment made available in this range is appropriate for high humidity areas approximately 2000 – 4000 cu. These dehumidifiers are portable and are designed to work independently without any assistance.

WHY DEHUMIDIFIER

Dehumidifiers are used in industrial climatic chambers, to reduce relative humidity and the dew point in most industrial applications from waste and fresh water treatment plants to indoor grow rooms where the control of moisture is essential.

REFRIGERATED DEHUMIDIFIER

Refrigerated dehumidifiers work by drawing moist air over a refrigerated evaporator with a fan. The cold evaporator coil of the refrigeration device condenses the water, which is removed, and then the air is reheated by the condenser coil. The now dehumidified, re-warmed air is released into the room. This process works most effectively at higher ambient temperatures with a high dew point temperature.

Model	WCDH 50 Elite	WCDH 100 Elite	WCDH 150 Elite	WCDH 200 Elite
Moisture Extraction @30° C & 80% RH	50 Liters /day	100 Liters /day	150 Liters / day	200 Liters / day
Moisture Extraction @23° C & 60% RH	25 Liters / day	50 Liters / day	75 Liters / day	100 Liters / day
Coverage Area	400 Sq. Ft/ 4000 ft3/ 130m3	800 Sq. Ft/ 8000 ft3/ 266m3	1200 Sq. Ft/ 12000 ft3/ 340 m3	1600 Sq. Ft/ 16000 ft3/ 450 m3
Coverage Area (A.C. w/o AHU)	Ft 2000 ft3/ 55 m3	Ft 4000 ft3 / 113 m3	Ft 6000 ft3/ 170m3	Ft 8000 ft3/ 226m3
Body Material	Powder Coated GI	Powder Coated GI	Powder Coated GI	Powder Coated GI
Humidity Control & Display	Up to 40% - Digital 25%	Up to 40% - Digital 25%	Up to 40% - Digital 25%	Up to 40% - Digital 25%
Water Collection Tank	10 Liter (PP)	20 Liter (PP)	25 Liter (PP)	25 Liter (PP)
Water Outlet Connection	1/2" BSP	1/2" BSP	1/2" BSP	1/2" BSP
Compressor	Recip. – EMERSON	Recip. -EMERSON	Recip. -EMERSON	Recip. -EMERSON
Refrigerant	R 22	R 22	R 22	R 22
Air Flow	1200 m3 /hr	1600 m3 /hr	1700 m3 /hr	2200 m3 /hr
Power	220V AC, 50Hz	440 / 220V AC, 50Hz	440 AC, 50Hz	440 AC, 50Hz
Noise Level	60 dB	60 dB	60 dB	60 dB
Direct Drain Facility	Yes	Yes	Yes	Yes
Prefilter	Yes	Yes	Yes	Yes
Castor Wheel	Yes	Yes	Yes	Yes

FEATURES

- New and Unique design, nice appearance
- World famous brand Emerson compressor
- Intelligent microcomputer controlling
- Advanced user friendly control panel and LED Display
- High efficiency, Low noise, energy saving
- Customized effectively filter, protecting the machine runs normally and cleaning the air effectively
- The bottom have universal wheels, in all directions, no dead angle, free movement

- Direct drainage for convenient control
- Efficient automatic defrosting system
- Three minute automatic delay for protecting compressor

RECOMMENDED APPLICATIONS

- Printing
- Grinding and machining
- Food packaging and processing
- Lithium-ion battery production
- Equipment room
- Cold storage room
- Museum and Archive room

CONTACT US

Call Us on (+91)(0)9033088851;(+91)(0)8866088851
or Write us inquiry@himalayarefrigeration.com/info@widecool.in
Or Visit www.himalayarefrigeration.com / www.widecool.in

ADDRESS

Nr. Greenland Circle, Opp. D-mart Mall,
Kuwadava Road, Dist : Rajkot,
State: Gujarat 360003, INDIA