

General Characteristics of HeavyDry CD 425 High Capacity Dehumidifiers

The HeavyDry CD425 is a high capacity dehumidifier, made to operate at high efficiencies by removing moisture from the air through the refrigeration process. The VentDepot HeavyDry CD425 has a welded steel chassis with a baked epoxy-coated and vinyl coatings, for abrasion and corrosion resistance. The Ebac CD425 has an adjustable humidistat to control humidity levels. The VentDepot HeavyDry CD425 has system lamps to report the operating status of the unit. The CD425 has a unique Reverse Cycle defrosting system, for effective operation in low ambient temperatures down to 33°F. The CD425 has duct capability. The CD425 has a Rugged design for harsh industrial environments.

Product Applications of HeavyDry CD 425 High Capacity Dehumidifiers

The Ebac CD425 models were developed to serve the demands of industrial environmental control. The Ebac CD425 can manage a very large volume. The Ebac CD425 can manage severe conditions in warehouses, factories, offices and other large scale facilities. The CD425 has a temperature operation range from 33°F to 95°F or 1°C to 35°C. The CD425 units can be utilized as single unit or in multiple units to provide protection to any scale. The Ebac CD425 can be ducted if required.

Warranty of HeavyDry CD 425 High Capacity Dehumidifiers

The Ebac CD425 Dehumidifier has a 1 year manufacturer's limited warranty.



Technical Characteristics of HeavyDry CD 425 High Capacity Dehumidifiers

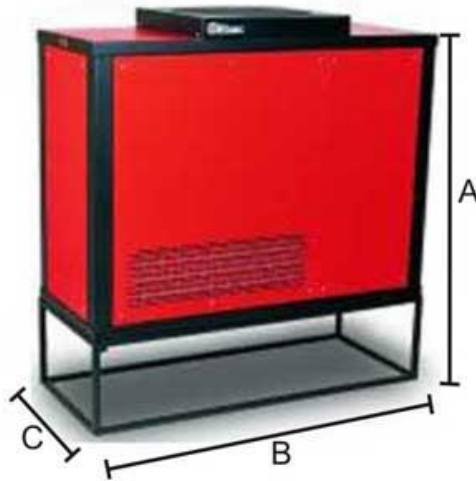
Item #	Manufacturer #	Water Removal Capacity per 24 hours			Effective Volume		Volts V	Amps A	Phase Ph	Water pump	Watts W	dbs	Shipping Weight and Dimensions With Packaging	
		ppd Pints	Gallons	Liters	Cubic feet	m ³							Lbs.	L,W,H In.
USHVD-002	CD425 1018110-P	285	35.6	135	52970	1500	220	16	3	Yes	3680	69	450	45,55,21
USHVD-003	CD425	285	35.6	135	52970	1500	440	8	3	No	3680	69	450	45,55,21



USHVD-004	1018150 CD425 1018125	285	35.6	135	52970	1500	440	8	3	Yes	3680	69	450	45,55,21
------------------	-----------------------------	-----	------	-----	-------	------	-----	---	---	-----	------	----	-----	----------

Dimensions of HeavyDry CD 425 High Capacity Dehumidifiers

VentDepot Item#	Ebac Model No.	Size A In.	Size B In.	Size C In.
USHVD-001	CD425 1018110	47	43	19
USHVD-002	CD425-P 1018110	47	43	19
USHVD-003	CD425 1018150	47	43	19
USHVD-004	CD425 1018125	47	43	19

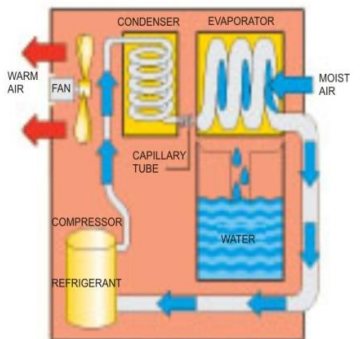


Product Applications of HeavyDry CD 425 High Capacity Dehumidifiers

VentDepot Item#	USHVD-001	USHVD-003	USHVD-004	VentDepot Item#	USHVD-001	USHVD-003	USHVD-004
Applications	CD425	CD425	CD425	Applications	CD425	CD425	CD425
Model No.	1018110	1018150	1018125	Model No.	1018110	1018150	1018125
Warehouse	√	√	√	Oil Rigs	√	√	√
Basements	-	-	√	Agriculture	√	√	√
Factories	√	√	√	Pumping Stations	√	√	√
Sports Halls	√	√	√	Stadiums	√	√	√
Storage Areas	√	√	√	Ships / Barges	√	√	√
Laboratories	√	√	√				

Product Specifications of HeavyDry CD 425 High Capacity Dehumidifiers							
VentDepot Item#	USHVD-001	USHVD-003	USHVD-004	VentDepot Item#	USHVD-001	USHVD-003	USHVD-004
Specifications	CD425	CD425	CD425	Features	CD425	CD425	CD425
Model No.	1018110	1018150	1018125	Model No.	1018110	1018150	1018125
Height	47.0" (1193mm)	47.0" (1193mm)	47.0" (1193mm)	On/Off Control	√	√	√
Width	43.0" (1092mm)	43.0" (1092mm)	43.0" (1092mm)	Electronic Defrost Control	√	√	√
Depth	19.0" (482mm)	19.0" (482mm)	19.0" (482mm)	Compressor Restart Delay Timer	√	√	√
Weight	353 lbs (160kg)	353 lbs (160kg)	353 lbs (160kg)	Compressor Type	Reciprocating	Reciprocating	Reciprocating
Voltage	220V	440V	440V	Free Standing	√	√	√
Phase	3	3	3	Adjustable Control Humidistat	√	√	√
Frequency	60 Hz	60 Hz	60 Hz	Reverse Cycle Defrost System	√	√	√
Current	16 A	8 A	8 A	Status Indicators	√	√	√
Power	3680W	3680W	3680W	High Capacity Water Pump			√
Airflow	1,750cfm (2,975m ³ /hr)	1,750cfm (2,975m ³ /hr)	1,750cfm (2,975m ³ /hr)	Power On Indicator	√	√	√
Noise Level	69dba	69dba	69dba	Epoxy Powder Coating	√	√	√
Refrigerant	R407c	R407c	R407c	Gravity Drain (2 X 5/8" O/D)	√	√	-
Effective Volume	52,970 FT ³ (1,500 m ³)	52,970 FT ³ (1,500 m ³)	52,970 FT ³ (1,500 m ³)				
Typical Extraction	285 ppd	285 ppd	285 ppd				
Min Operating Temp	33°F (1°C)	33°F (1°C)	33°F (1°C)				
Max Operating Temp	95°F (35°C)	95°F (35°C)	95°F (35°C)				

HOW A DEHUMIDIFIER WORKS	
1. Air is drawn into the unit by a fan	6. Air passes back into room 2°C warmer and considerably dryer
2. Air passes over a cold surface	7. Defrost system automatically de-ices unit as necessary
3. As the air is cooled, it's moisture condenses	8. Unit switches off automatically when container is full
4. Water falls into the container	9. When the unit achieves the selected level of dryness it switches off automatically
5. Air is re-heated by the heat recovery system	





HeavyDry
CD 425 High Capacity
Dehumidifier
Data Sheet