

IceDry series Desiccant Dehumidifier



Product Description

By installing an IceDry dehumidifier inside the cold store a frost free cold store can now be a reality. An airlock is no longer needed.

When IceDry is installed, accumulated ice and frost will gradually evaporate until the store is completely free from ice and frost.

IceDry is the only dehumidifier that has been developed especially for installation inside a cold store. The tough, cold environment demands new and special features created with the sole purpose of ensuring that the unit runs reliably and energy efficient. One example is the automatic defrosting function.

IceDry needs only a few metres of ducting around it. Reactivation air is taken from the room next to the cold store.

The external electrical cabinet is placed outside the cold store. As soon as the unit is connected to power and switched on it will start to reduce ice and snow.

There is also a special reactivation fan in an insulated fan box supplied with a heating cable.

What size to choose?

There are three sizes, IceDry 800, 1400 and 30. Which unit to choose depends on the amount of frost that builds up in the cold store. The capacity of the units can be used as a guide. For more advice about installation and selection of units do not hesitate to contact your nearest Munters representative.

PRODUCT INFORMATION

IceDry30

Advantages

- Specially developed for cold store installation
- Automatic defrosting function
- Increased efficiency of evaporators.
- Safer cold stores - no slippery floors
- No need for defrosting of the cold store
- No ice on products - secure the quality
- Less mechanical failures - reduced maintenance costs



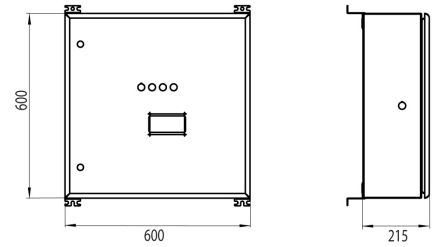
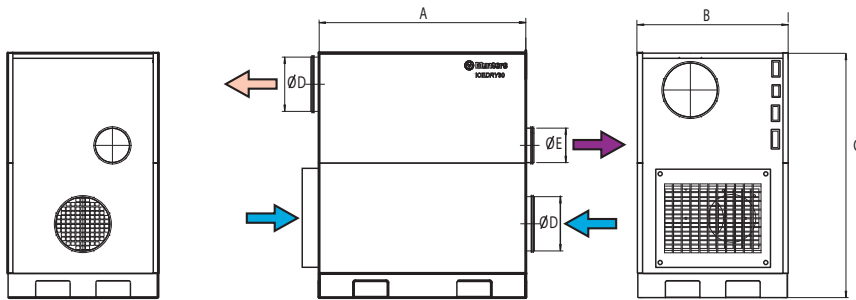
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The Humidity Expert

Model IceDry30

Scaled and dimensioned drawings are available in Munters DryCap program.

Measurement of external electrical cabinet



Accessories

Connection cables IceDry30
170 17 97-01 (10m)

Width (A)	Depth (B)	Height (C)	Diam. (D)	Diam. (E)	Weight
1200 mm	875 mm	1425 mm	315 mm	200 mm	260 kg

Technical Specification

		IEC protective class (unit)	IP33
		IEC protective class (external electrical cabinet)	IP54
Process air		Permitted ambient temp (°C), unit	-25-0
Rated airflow (m ³ /h)	3000	Permitted ambient temp,	.
Available static pressure (Pa)	300	external electrical cabinet (°C)	-25-10 *
		Permitted ambient temp,	.
Reactivation air		external electrical cabinet (°C)	10-25 *
Rated airflow (m ³ /h)	630	* to be configured when ordering	.
Available static pressure (Pa)	300		
Total power, voltage and current (amps/phase)			
Total power(kW)	22,6		
200V 3-50Hz (A)	79,2		
200V 3-60Hz (A)	79,2		
230V 3-50Hz (A)	65,2		
380V 3-50Hz (A)	39,4		
400V 3-50Hz (A)	38,0		
415V 3-50Hz (A)	36,8		
440V 3-60Hz (A)	36,2		
460V 3-60Hz (A)	35,1		
480V 3-60Hz (A)	33,8		
Reactivation air heater power (kW)	18		
Miscellaneous data.			
Max noise level unducted (dBA)	75		
Air filter standard	G3		

AUSTRALIA
Tel +61 2 8843 1588
CHINA
Tel +86 10 804 18000
INDIA
Tel +91 20 668 18 900
NETHERLANDS
Tel +31 172 43 32 31
SWEDEN
Tel +46 8-626 6300
UNITED KINGDOM
Tel +44 1480 432 243

AUSTRIA
Tel +43 1 6164298-0
DENMARK
Tel +45 4495 3355
ITALY
Tel +39 0183 521377
POLAND
Tel +48 58 305 35 17
SWITZERLAND
Tel +41 52 3438886
UNITED STATES
Tel +1 978 241 1100

BELGIUM
Tel +32 2 240 68 68
FINLAND
Tel +358 20 776 8230
JAPAN
Tel +81 3 5970 0021
SINGAPORE
Tel +65 6744 6828
THAILAND
Tel +66 2 642 2670-3
VIETNAM
Tel +84 8 825 6838

BRAZIL
Tel +55 41 3317 5050
FRANCE
Tel +33 1 3411 5757
KOREA
Tel +82 2 761 8701
SOUTH AFRICA
Tel +27 11 997 2000
TURKEY
Tel +90 262 751 3750

CANADA
Tel +1 905 8585894
GERMANY
Tel +49 40-879690-0
MEXICO
Tel +1 52 722 270-4029
SPAIN
Tel +34 91 640 09 02
UNIT. ARAB EMIRATES
Tel +971 4 8809295

www.munters.com

