

IceDry - 800/1400

Frost free cold stores



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 efficiently.

Installation is simple. IceDry is positioned close to a wall and needs only a few metres of ducting around it. Reactivation air is taken from the room next to the cold store.

As soon as the unit is connected to power and switched on it will start to reduce ice and snow.

An example of the special IceDry features is the thermostat controlled heating fan in the electrical panel.

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

Another special feature of the IceDry series are the G3 filters with aluminium frames in external boxes.

What size to choose ?

There are two sizes, IceDry 800 and 1400. 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.

IceDry in Cold Stores

Advantages

- Increased efficiency of evaporators.
- Safer storage - no slippery floors.
- No need for defrosting.
- No ice on products - ensuring quality.
- Less mechanical failures - reduced maintenance costs.

Before

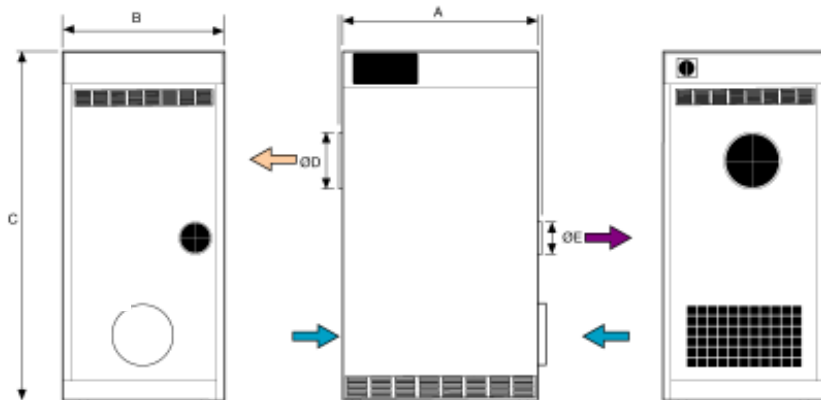


After



Model IceDry

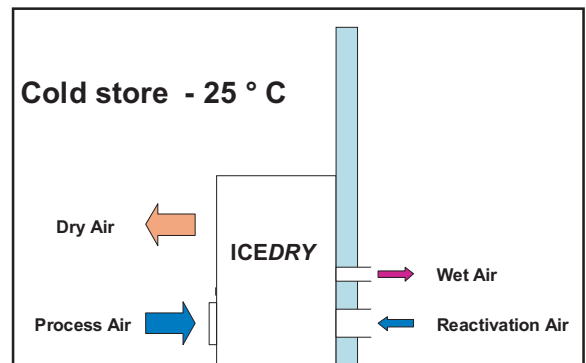
Diagram measurements are for reference only.



	Width (A)	Depth (B)	Height (C)	Diam (D)	Diam (E)	Weight
IceDry 800	715 mm	590 mm	1252 mm	160 mm	100 mm	125 kg
IceDry 1400	715 mm	590 mm	1352 mm	200 mm	125 mm	143 kg

Technical Specification

	IceDry 800	IceDry 1400
Dehumidification capacity (kg water/24h)	15	26
Rated process airflow (m ³ /h)	800	1400
Rated reactivation airflow (m ³ /h)	155	254
Available static pressure (Pa)	100	100
Total power, voltage and current(amps/phase)		
Total power (kW)	5,4	8,7
380V 3-50 Hz (A)	9,4	15,0
400V 3-50Hz (A)	9,1	14,5
415V 3-50Hz (A)	8,9	14,2
Reactivation air heater power (kW)	4,2	6,9
Miscellaneous data		
Operating temperature (C)	-25 to +40°C	
Max noise level unducted (dBA)	80	
Air filter	G3	
IEC protective class (unit)	IP44	
IEC protective class (electrical panel)	IP54	



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