



Product sheet

Munters IceDry[®] 1400 AirC

Desiccant dehumidifier for frost-free storage

Features

- Robust industrial design ideal for placement inside cold stores
- 25% more energy efficient than previous model
- Advanced AirC400 controller
- New intuitive multilingual HMI (Human Machine Interface)
- Reduced ice and frost build-up
- Compact and updated design
- Special reactivation fan in an insulated and heated box

Munters took the market-leading IceDry 1400 and made it even better. Introducing the upgraded IceDry 1400 AirC – now 25% more energy efficient and equipped with the latest AirC400 controller.

The Munters IceDry 1400 AirC is a cutting-edge dehumidifier designed specifically for cold storage and freezer systems. It effectively combats ice and snow buildup, which can create hazardous conditions and increase maintenance needs. The IceDry 1400 AirC dehumidifies incoming air within cold storage areas, preventing condensation that would otherwise turn into frost and ice. This ensures safer operations, better product quality, and reduced downtime.

AirC400 ensures seamless integration and optimal control through an intuitive user interface, multilingual options, Modbus communication, and a new HMI.

Designed to reduce leakage, IceDry 1400 AirC minimizes the risk of ice build-up, extending the lifespan of the rotor and enhancing overall reliability. Ideal to be placed inside the cold store, its robust industrial design not only withstands the harshest conditions but also simplifies installation and maintenance, making it easier to integrate into your existing systems.

All Munters dehumidifiers are based on the rotor technology specially developed by Munters, which provides high moisture-absorbing capacity. The flexible design and excellent performance of the rotor mean there are almost no limits to its areas of use. The Munters IceDry 1400 AirC is engineered and manufactured in Sweden.

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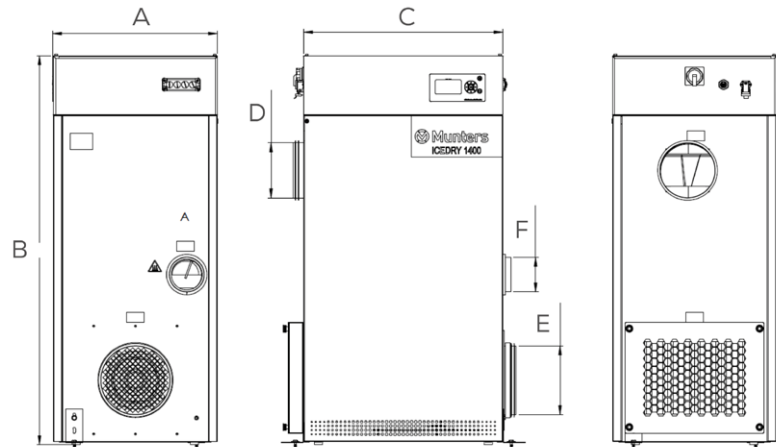
Model: IceDry1400 AirC

Art nr: 170-110683

Dimensions, mm/kg [inch/lb]

A: Depth	590	[23.23]
B: Height	1410	[55.51]
C: Width	715	[28.15]
D: Process outlet Ø	200	[7.87]
E: Reactivation inlet Ø	250	[9.84]
F: Reactivation outlet Ø	125	[4.92]
Weight	143	[316]

Diagram measurements are for reference only.



Technical specifications

Process air			Total power voltage & current (amps & phase)		
Rated airflow	1400 m ³ /h	825 CFM	Total power, electrical	8.1 kW	8.1 kW
Min available static pressure	300 Pa	300 Pa	380V 50/60Hz	14.1 A	14.1 A
Reactivation air			400V 50Hz	13.5 A	13.5 A
Rated airflow	254 m ³ /h	150 CFM	415V 50Hz	13.1 A	13.1 A
Min available static pressure	100 Pa	100 Pa	440V 60Hz	12.7 A	12.7 A
Reactivation heater			460V 60Hz	12.3 A	12.3 A
Reactivation heater power	6.3 kW	6.3 kW	Miscellaneous data		
			Working temperature	-25/+40°C (-13/+104°F)	
			Air filtration standard	Coarse 65% (G4) filter	
			Max noise level unducted	80 dBA	80 dBA
			IEC protective class (unit)	IP44	IP44

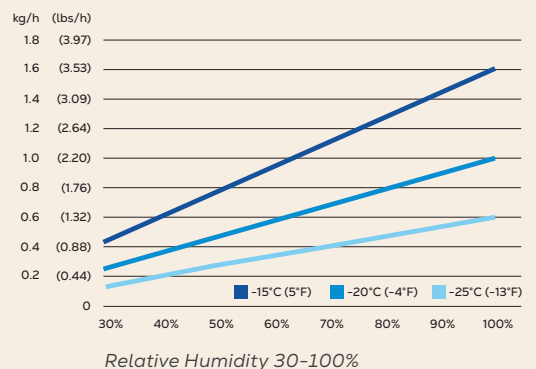
Standard features

- Internal defrost function
- Separate supply voltages
- Coarse 65% (G4) filter

Options

- Modbus communication
- Reversed airflow
- Stainless steel casing
- AirC Connect

Dehumidification capacity



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