



# Dehumidifier DRY-4500 STD, /S and ICE

Industrial dehumidifier used also for refrigerating rooms

## Description

Industrial dehumidifier **DRY-4500** is suitable for medium and large sized areas and ideal for heavy work. Available with canalizations or fixed installation. The dehumidifier is available in three versions: standard version (STD), hot gas defrosting version (/S) and low temperatures (ICE). It is equipped with state-of-the-art compressors able to offer the best performance in every environmental conditions. Removable panels to facilitate inspections and maintenance. The structure is entirely made of coated and galvanized steel in order to guarantee durability and long-lasting excellent performances. Industrial unit which is extremely versatile in its use and installation, thanks to the vertical expulsion of the process air and to the possibility to be canalized if needed. The **DRY-4500** can be installed on a wheeled trolley to ease movements. Power source V/Ph/Hz 400/3/50. It is equipped with a washable air filter, **eco cooling gas R410A**. This dehumidifier is particularly suitable for commercial and industrial use. A test is conducted on every unit before the delivery.



 con gas 100%  
ecologico **R410A**

## Versions

**DRY-4500 STD** (standard): working range +10/+36°C

**DRY-4500 /S** (hot gas defrosting): working range +1/+36°C

**DRY-4500 ICE** (low temperatures): working range -1/+36°C

## Fields of application

Large storehouses, industrial environment, cheese factories and meat aging rooms, food industries, swimming pools and gyms, hotels, archives, rental, hygroscopic material warehouses, industrial laundries, auto workshops, cellars and basement rooms, etc...

- Eco cooling gas R410A
- Electric digital hygostat
- Ideal for heavy work
- High precision humidity probe
- Humidity temperature visualisation
- Unit vertical development
- Vertical air expulsion

DRY-4500 available in these versions:

**DRY-4500 STD, DRY-4500/S and DRY-4500 ICE**

## Features

- Eco cooling gas R410A
- ERP2015 fans
- FOOT PRINT plug
- Carter resistance compressor
- Electric digital hygrostat
- Unit vertical development
- Humidity temperature visualisation
- Galvanized steel structure
- High precision humidity probe

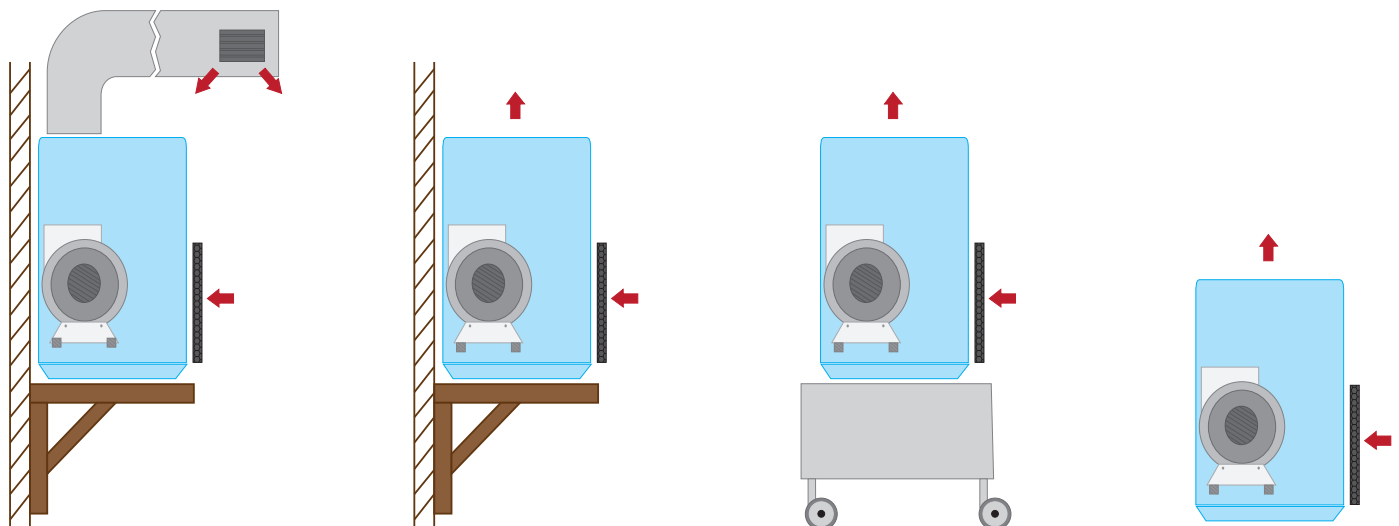
## Accessories

- /S version (hot gas defrosting)
- ICE version (low temperatures)
- Remote mechanical hygrostat
- Wheeled trolley
- Air filter with frame for canalization
- High precision digital hygrostat
- Air expulsion camber
- New system with auto analysis and remotable alarm
- Remote electronic hygrostat

## Technical data

Cooling gas	R410A
Dehumidification capacity (at 35°C and 80% of R.H.)	333,1 l/24h
Maximum power absorbed	6,5 kW
Maximum electricity absorbed	14,6 A
Total air flow rate	4000 m <sup>3</sup> /h
Maximum static pressure of the fan flow	50 Pa
Compressor	n. 1
Sound pressure level (free field at 1 mt)	68 db(A)
Dimensions (length x width x height)	128 x 82 x 60 cm
STD version working range	+10/+36 °C
/S version working range	+1/+36 °C
ICE version working range	-1/+36 °C
Humidity working range	45-99% u.r.
Weight	142 Kg
Air temperature increase (room temperature 20°C-60% R.H.)	+5,4 °C
Room heat load (room temperature 20°C-60% R.H.)	7,4 kW

## Types of installations



Canalized installation

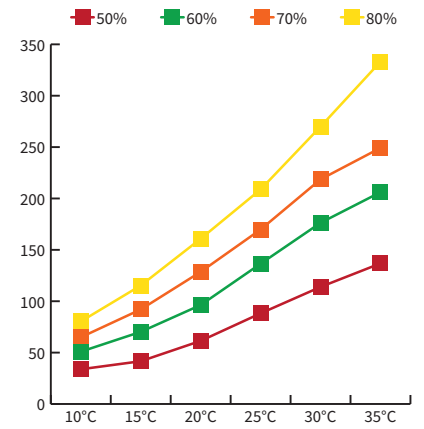
Free blowing expulsion

Installation on trolley

Floor installation

# Performance

Temp.	50% u.r.	60% u.r.	70% u.r.	80% u.r.
	dehumidification lt/24h			
10°C	33,8	50,9	64,9	80,3
15°C	41,6	70,2	92,0	115,3
20°C	61,4	96,3	128,6	160,8
25°C	88,2	136,5	169,8	208,8
30°C	113,9	176,3	218,6	269,9
35°C	136,8	206,1	249,2	333,1



# Dimensional

