



# DFRB-016-E

## desiccant rotor air dehumidifier



(\*\*)

### technical data

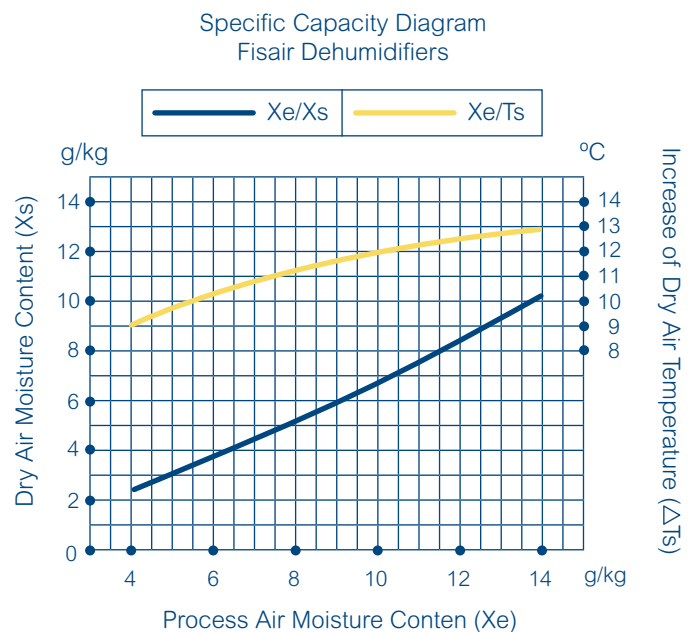
Process/Dry Air Flow	185/140	m <sup>3</sup> /h
Available Pressure For Ducting	120	Pa
Reactivation Air Flow	45	m <sup>3</sup> /h
Available Pressure For Ducting	40	Pa
Nominal Drying Capacity (*)	0,54	kg/h
Total Power Supply	0,9	Kw
Motors Power	58	W
Reactivation Heater Power	0,84 (nominal) 1,5 (maxim)	Kw
Electrical Supply	230V/I+N/50Hz	

09/04 F-3061-01/B

(\*\*) Nominal capacity: 20°C and 60% R.H.

(\*\*\*) With round duct connector option

### capacity diagram (\*)



#### Settled Parameters:

- Process/Reactivation Air Temperature: 20 °C
- ΔT Reactivation Heater According To Nominal Power
- Equal Process/Reactivation Air Moisture Content

(\*) At other operating conditions, pls. ask for the corresponding performances

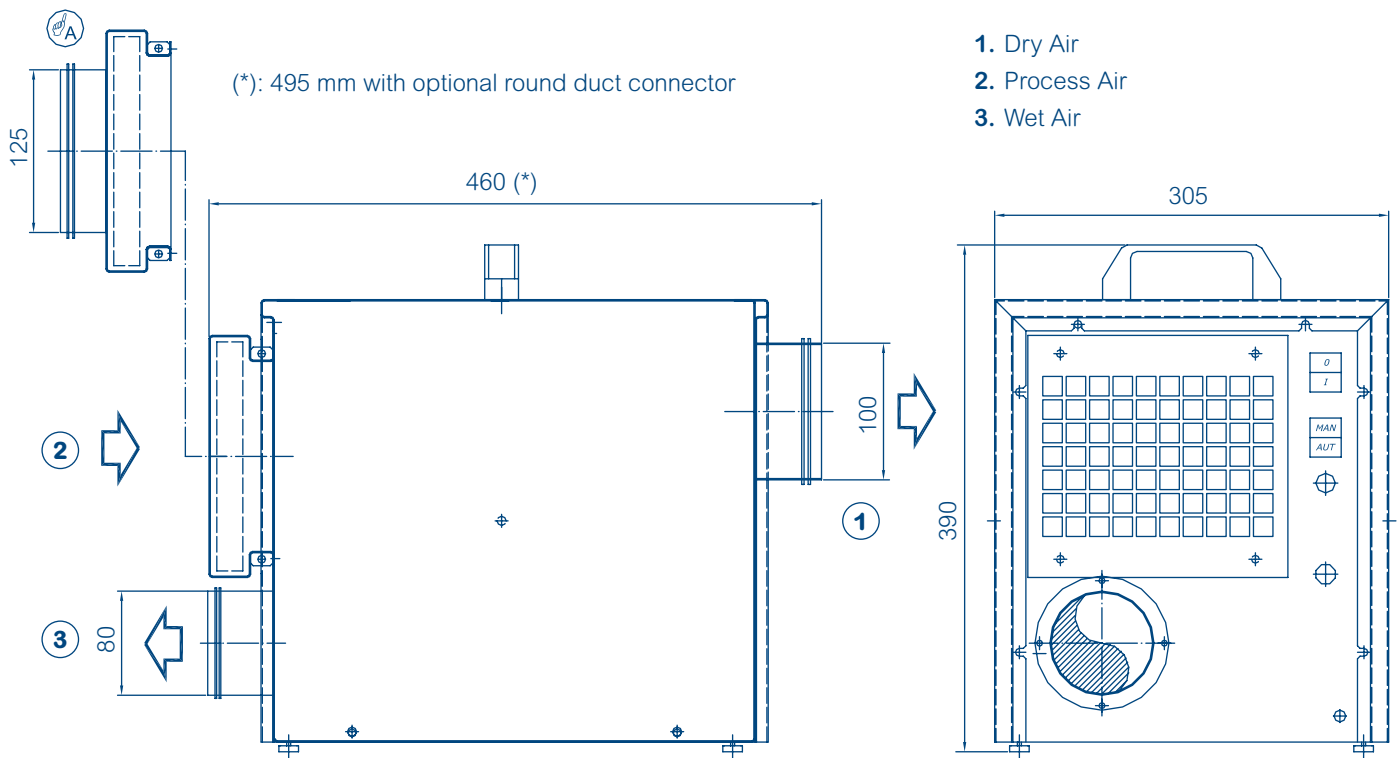


## specification

Air dehumidifier by high performance silicagel desiccant rotary element, brand FISAIR, model DFRB-016-E, with these features:

- Self-supporting stainless steel plate casing, easily serviceable, with top carrying handle.
- Air inlet with G3 filter quality.
- Centrifugal fan, single ear and backwards curved blades.
- Rotary desiccant element driven by an asynchronous AC gear motor with teeth pulley & transmission belt; with three front sections: for dry, heat recovery and wet air streams.
- Sectors partition and periphery friction air seals.
- Desiccant reactivation air heater PTC-type, with self limited operation max. temperature.
- Circular dry & wet air outlet connectors with rubber seal. Ditto for air intake under optional ancillary piece.
- Main switch with pilot light.
- MAN-AUTO switch.
- Two meters long connection cable to mains, with socket.
- AUTO operation through RKF terminal (4-ways M12 connector).

## overall dimensions



Optional piece: Ø125 mm round duct connector

Remark: - Approx. weight: 14 kg  
- All dimensions in mm