



# DFRD-036-E

## desiccant rotor air dehumidifier



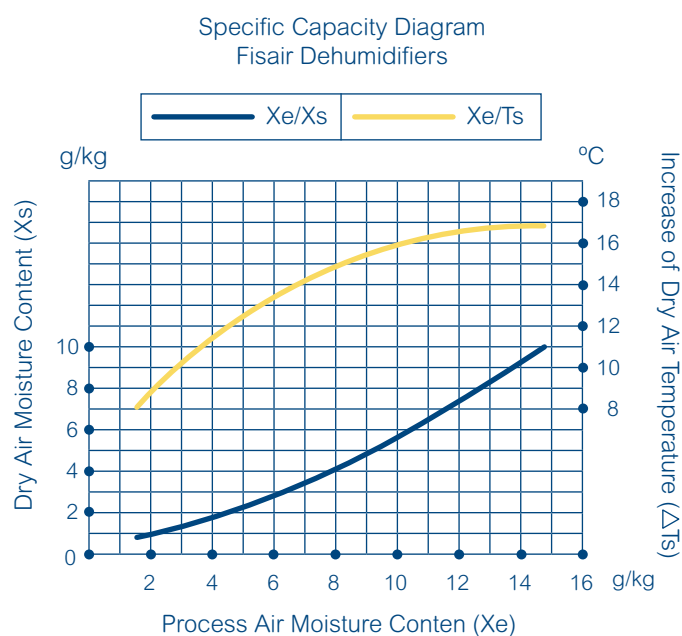
### technical data

Process/Dry Air Flow	300	Nm <sup>3</sup> /h
Available Pressure For Ducting	300	Pa
Reactivation Air Flow	90	Nm <sup>3</sup> /h
Available Pressure For Ducting	100	Pa
Nominal Drying Capacity (*)	1,4	kg/h
Total Power Supply	2,9	Kw
Motors Power	0,5	Kw
Reactivation Heater Power	2,4 (nominal) 3,1 (maxim)	Kw
Electrical Supply	230V/I+N/50Hz	

12/04 F-3384-01/B

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

### capacity diagram (\*)



#### Settled Parameters:

- Process/Reactivation Air Temperature: 20 °C
- $\Delta T$  Reactivation Heater According To Nominal Power
- Equal Process/Reactivation Air Moisture Content

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

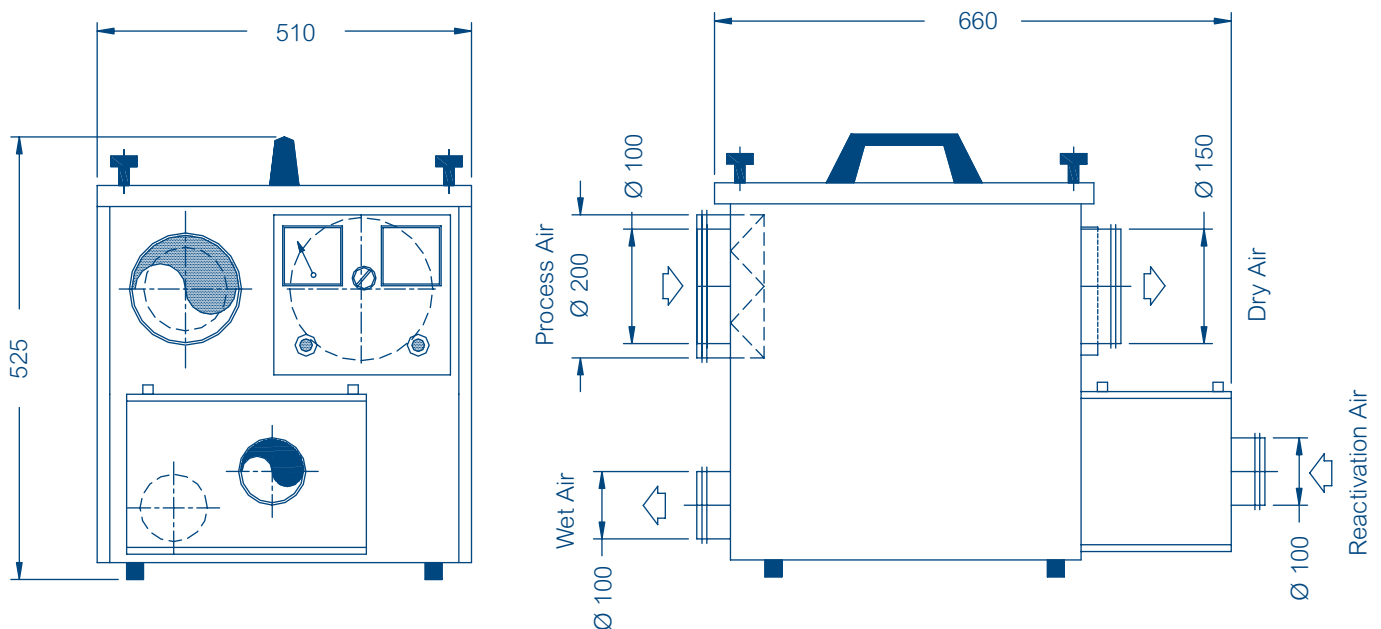


## specification

Air dehumidifier by high performance desiccant silicagel rotary element, brand FISAIR, model DFRD-036-E:

- Self-supporting stainless steel sheet housing, easily serviceable, with top handle for carriage.
- Air intake with G3 filter mat, centrifugal simple ear air fans with direct motor drive, two independent ones for dry air / wet air.
- Rotary desiccant element driven by gear motor, teeth pulley and transmission belt.
- Partition and peripheral contact-type airseals.
- Desiccant reactivation air heater PTC-type, with self limited operation temperature.
- Air inlets (Process and Reactivation) and air outlets (Dry and Wet) by round connectors with rubber seals.
- Two meters long connection cable with socket. On-off switch with on-light.
- Operation Ampere-gage.
- Performance, airflows and other data as per front page.

## overall dimensions



Remark: - Approx. weight: 40 kg  
- All dimensions in mm