



Adsorption dehumidifier DehuTech DT-1100

Dehumidifying capacity
at 20°C / 60%RH

6,0 kg/h

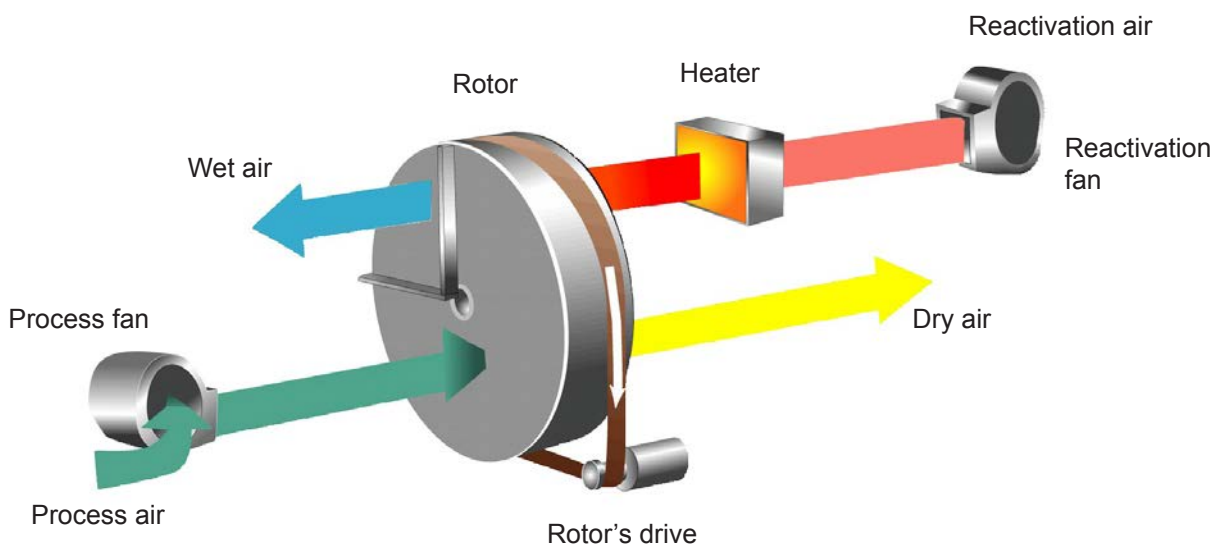
Dry air flow-rate

1100 m³/h

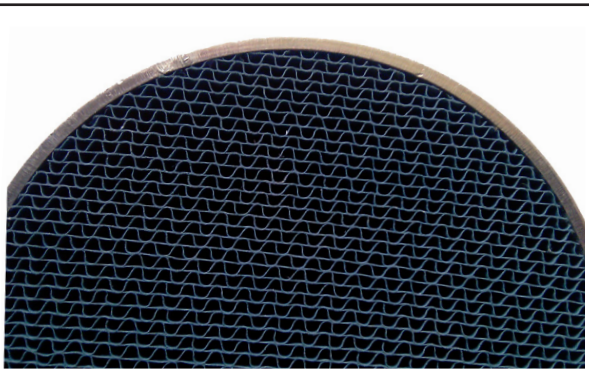


NEW

- Washable rotor
- No desiccant carry-over
- Stainless steel casing
- Direct driven fans
- Self-control PTC air heater
- Air filters EU3
- Option: DDC control, air cooled condenser, PLC with touch display, Modbus RTU, EC fan motors, etc.
- Easy installation and maintenance
- Long lifetime



TECHNICAL DATA



Dehumidifier, type	DT 1100
Nominal capacity *	6,0 kg/h
Dry air flow**	1100 m ³ /h
Static pressure at outlet	200 Pa
Wet air flow**	370 m ³ /h
Static pressure at outlet	190 Pa
Heater's power	9,25 kW
Total power	10,0 kW
Current / phase	15,5 A
Rotor's reactivation by ***	E/G/S
Weight	80 kg
Noise level	62 dB(A)

* Valid for 20°C and 60%RH. For other condition the capacity must be recalculated according to diagram - see below.

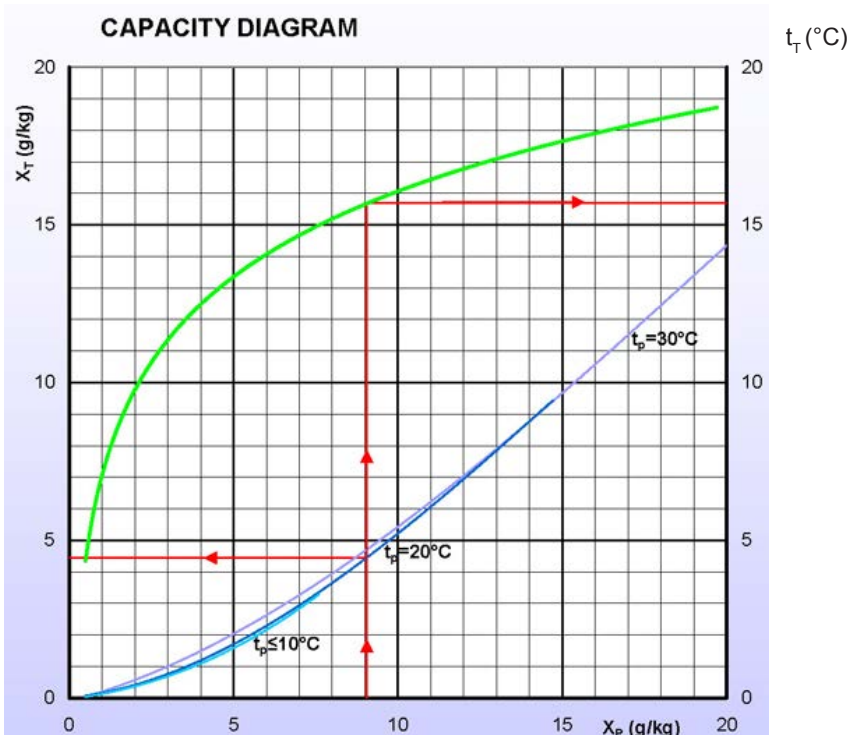
** Flow related to air density 1.20 kg/m³.

*** E: electric, G: NG, S: steam, W: hot water

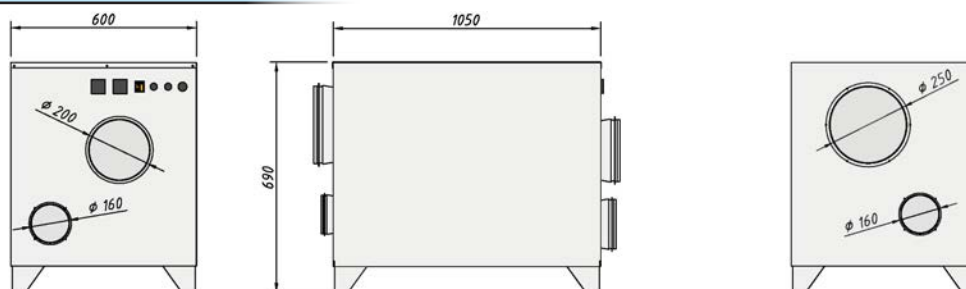
CAPACITY DIAGRAM

at Inlet:
 $x_p = 9,0$ g/kg
 $t_p = +20^\circ\text{C}$

at Outlet:
 $x_T = 4,4$ g/kg
 $t_T = 20 + 15,7^\circ\text{C} = +35,7^\circ\text{C}$



DIMENSIONS



FILCO, spol. s r.o.
 Dvorská 464/103
 CZ-503 11 Hradec Králové
 Tel: +420 495 436 233
 info@filco.cz
 www.filco.cz



DehuTech AB
 Enhagsslingan 23,
 S-187 40 Täby, Sweden
 Tel.: +46 8792 04 08
 Fax: +46 8792 55 59
 info@dehutech.com
 www.dehutech.com