



Adsorption dehumidifier DehuTech DT-27000

Dehumidifying Capacity
at 20°C / 60%RH

182 kg/h

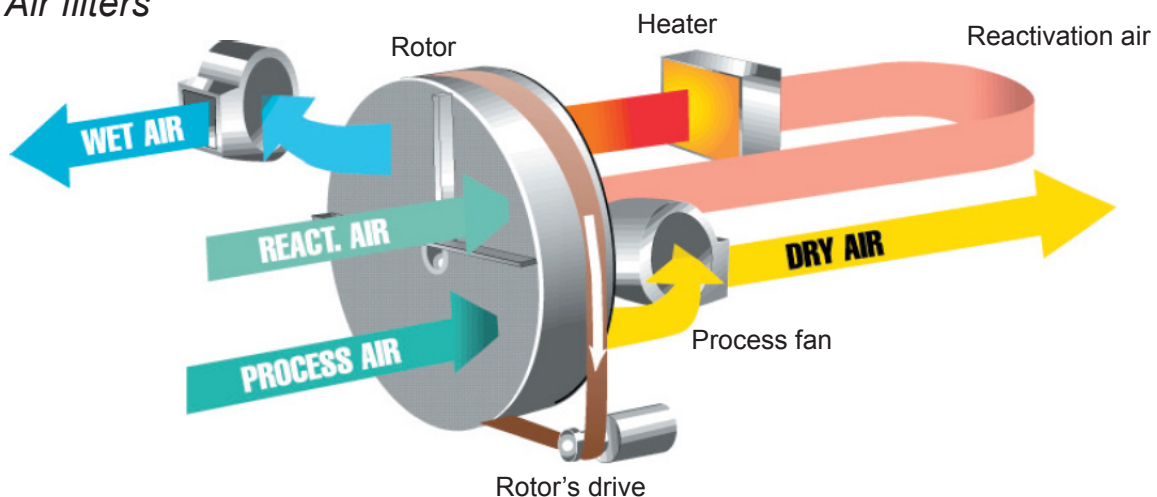
Dry Air Flow

27900 m³/h

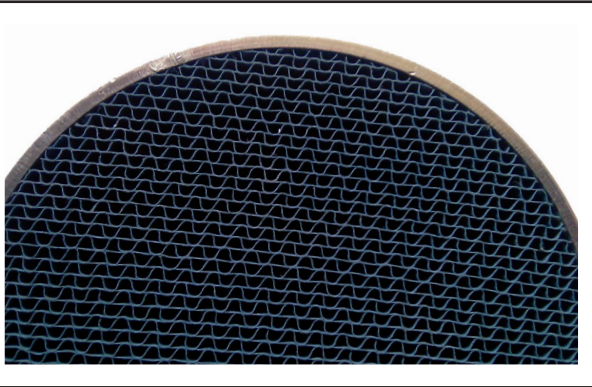


NEW

- Washable rotor
- No desiccant carry over
- Stainless steel casing
- Direct driven fans
- Silent - low noise level
- Heat recovery on the rotor
- Insulated casing with inspection doors
- New PLC with colour touch display, incl. humidistat
- Service and operation alarms available
- Optional communication via ModBus, Bacnet, Web Server
- Easy installation and maintenance
- Air filters



TECHNICAL DATA



Dehumidifier, type	DT-27000
Nominal capacity *	182 kg/h
Dry air flow**	27900 m ³ /h
Static pressure at outlet	400 Pa
Wet air flow**	6980 m ³ /h
Static pressure at outlet	250 Pa
Heater's power	288 kW
Total power	309 kW
Filter class	4
Rotor's reactivation by***	E/G/S
Weight	2400 kg
Noise level	- dB(A)

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

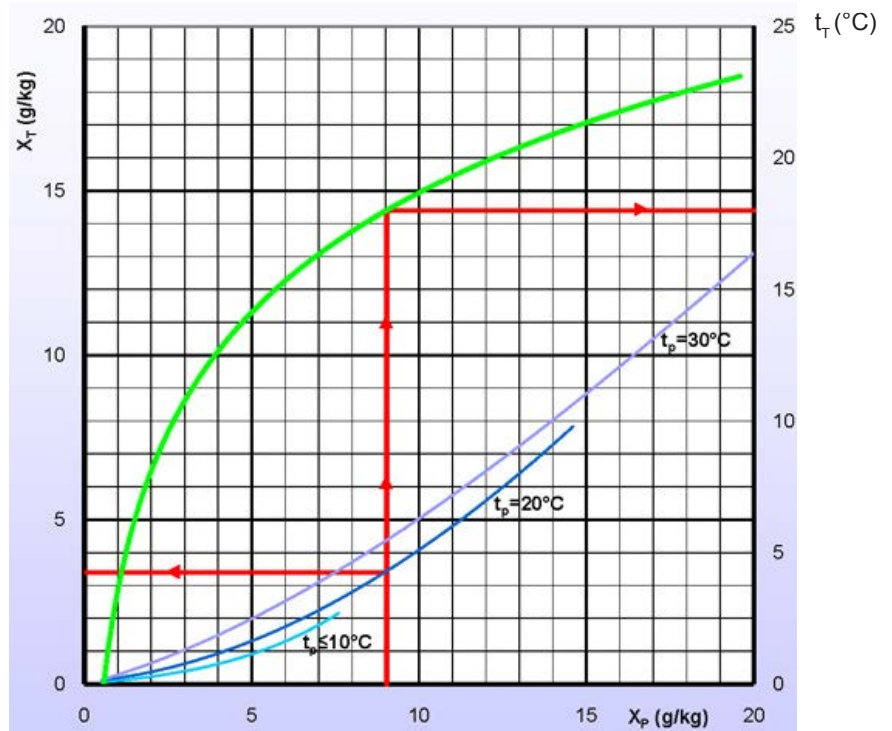
** Flow related to air density 1.20 kg/m³.

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

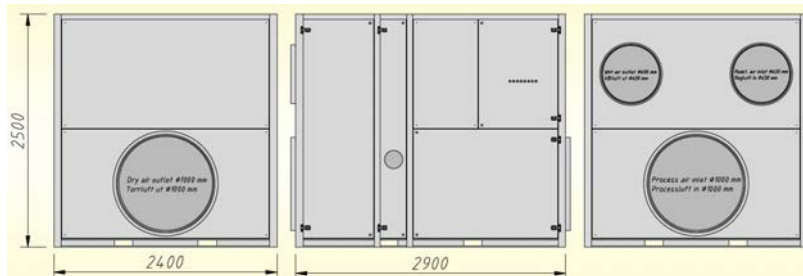
CAPACITY DIAGRAM

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

at Outlet:
 $x_T = 3,4 \text{ g/kg}$
 $t_T = 20+18^\circ\text{C} = +38^\circ\text{C}$



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