



Adsorption dehumidifier DehuTech DT-4500

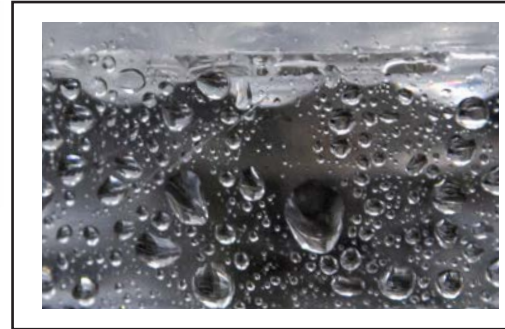
Dehumidifying Capacity
at 20°C / 60%RH

24,6 kg/h

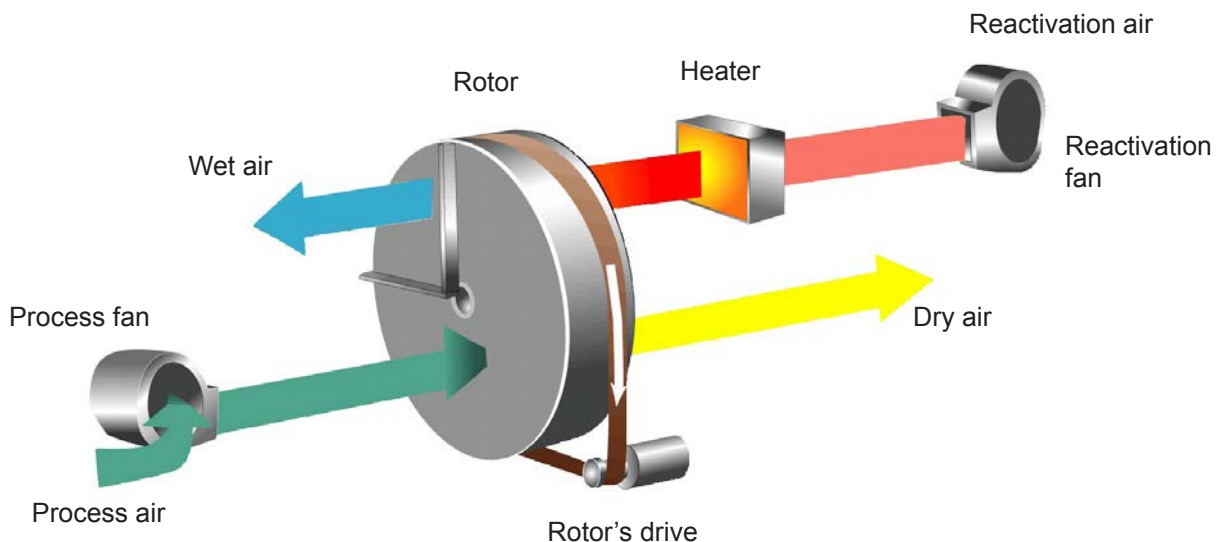
Dry Air Flow

4500 m³/h

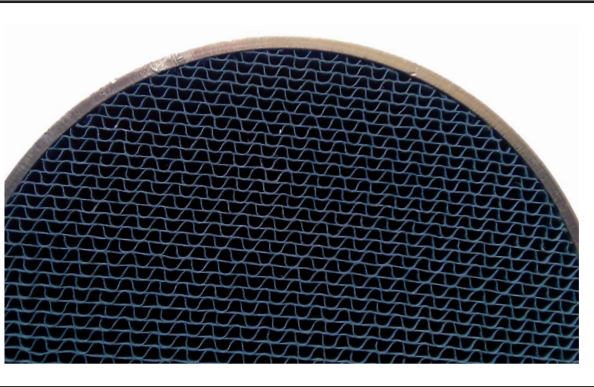
- Washable rotor
- No desiccant carry over
- Stainless steel casing
- Direct driven fans
- PTC air heater with 2-step control
or with continual by external signal 0-10V
- New PLC with touch screen, incl. humidistat
- Service alarms and guards on PLC
- Easy installation and maintenance
- Optional communication via ModBus, Bacnet, Web Server
- Panel filters



NEW



TECHNICAL DATA



Dehumidifier, type	DT-4500
Nominal capacity *	24,6 kg/h
Dry air flow**	4500 m ³ /h
Static pressure at outlet	800 Pa
Wet air flow**	1400 m ³ /h
Static pressure at outlet	170 Pa
Heater's power	36 kW
Total power	40,8 kW
Filter class	4
Rotor's reactivation by ***	E/G/S
Weight	520 kg
Noise level	72 d(BA)

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

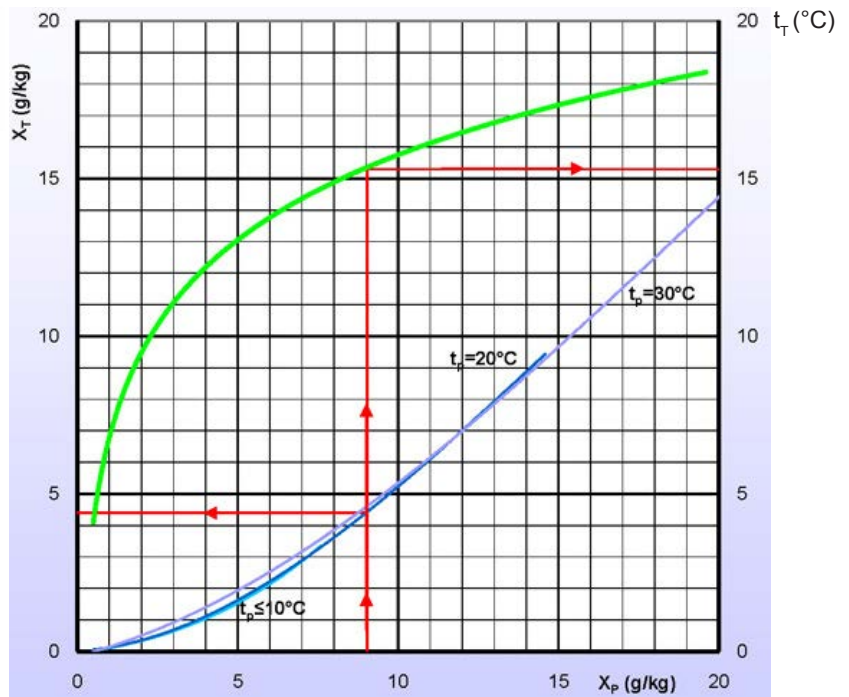
** Flow related to air density 1.20 kg/m³.

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

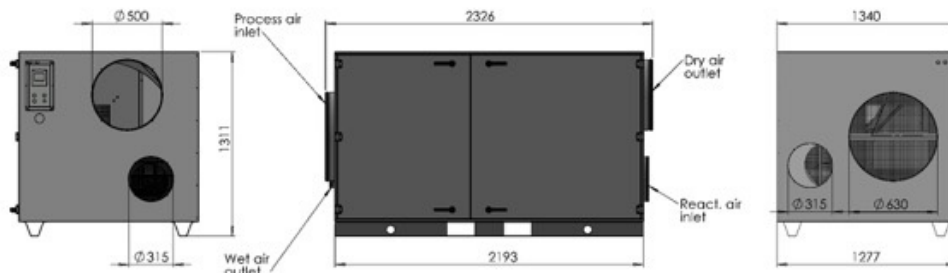
CAPACITY DIAGRAM

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

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



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