



Adsorption dehumidifier DehuTech DT-3500

Dehumidifying Capacity
at 20°C / 60%RH

19,2 kg/h

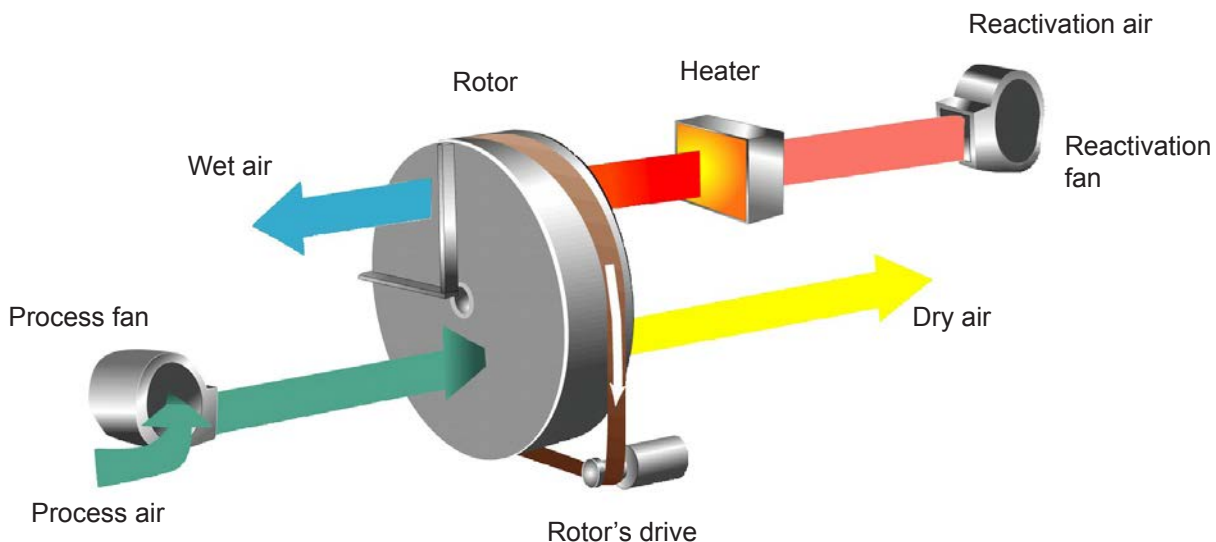
Dry Air Flow

3500 m³/h

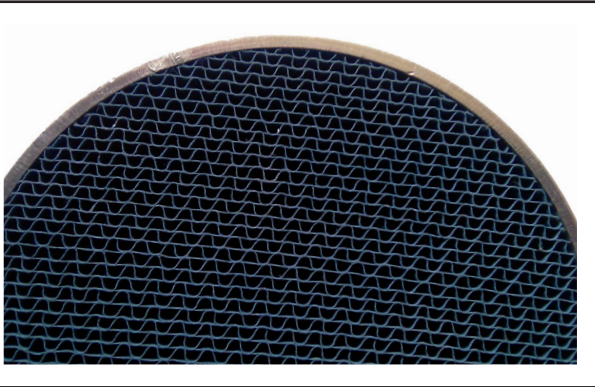


NEW

- 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



TECHNICAL DATA



Dehumidifier, type	DT-3500
Nominal capacity *	19,2 kg/h
Dry air flow**	3500 m ³ /h
Static pressure at outlet	170 Pa
Wet air flow**	850 m ³ /h
Static pressure at outlet	260 Pa
Heater's power	26 kW
Total power	28,7 kW
Filter class	4
Rotor's reactivation by ***	E/G/S
Weight	210 kg
Noise level	71 d(BA)

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

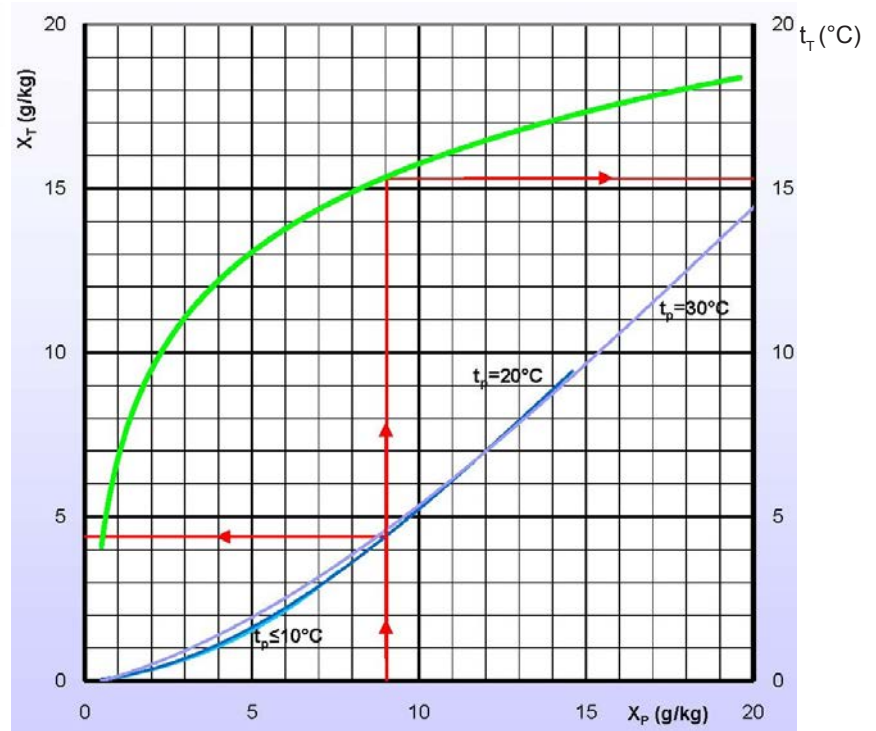
** Flow related to air density 1.20 kg/m³.

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

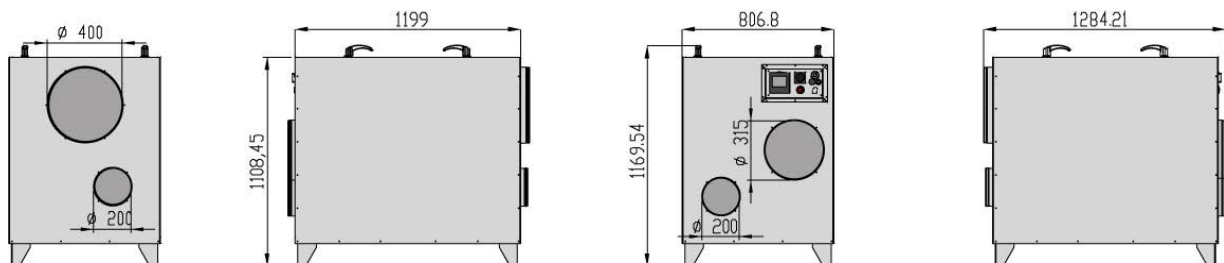
CAPACITY DIAGRAM

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

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



DIMENSIONS



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