



Adsorption dehumidifier DehuTech DT-12000

Dehumidifying Capacity
at 20°C / 60%RH

63 kg/h

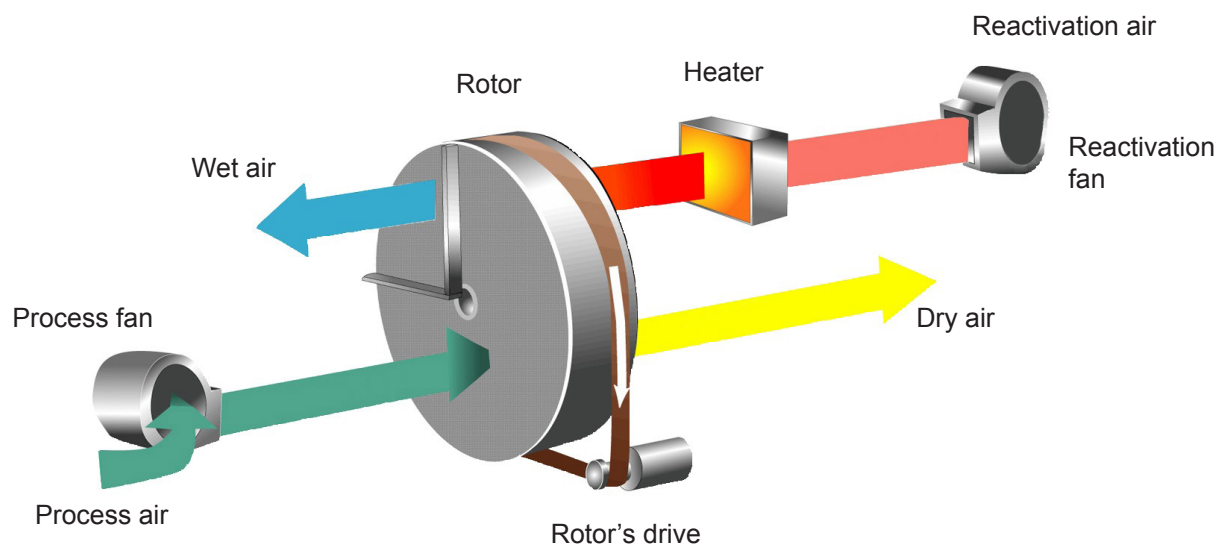
Dry Air Flow

12000 m³/h

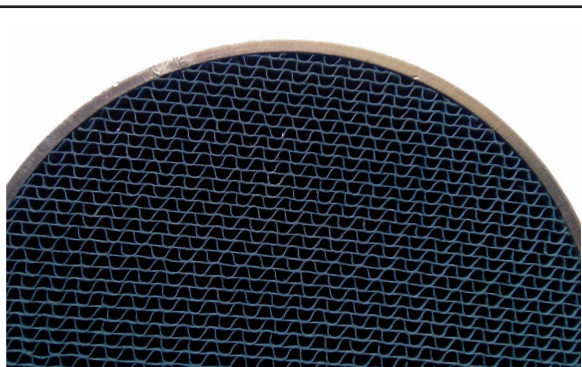


NEW

- 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-12000
Nominal capacity *	63 kg/h
Dry air flow**	12000 m³/h
Static pressure at outlet	200 Pa
Wet air flow**	2500 m³/h
Static pressure at outlet	250 Pa
Heater's power	84 kW
Total power	94,2 kW
Filter class	4
Rotor's reactivation by ***	E/S
Weight	550 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.

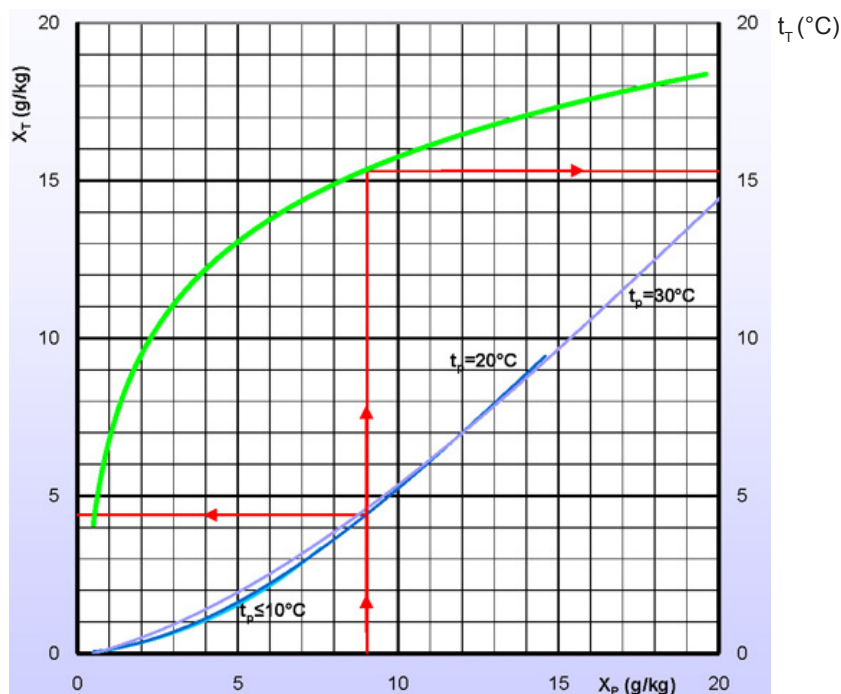
** Flow related to air density 1.20 kg/m³.

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

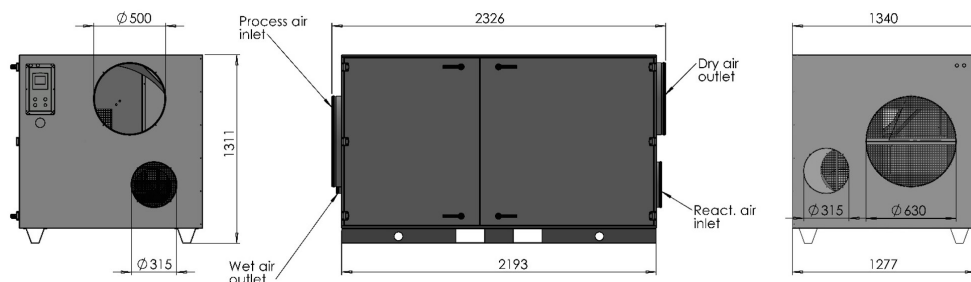
CAPACITY DIAGRAM

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



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