



# Adsorption dehumidifier DehuTech DT-9000

Dehumidifying Capacity  
at 20°C / 60%RH

**50 kg/h**

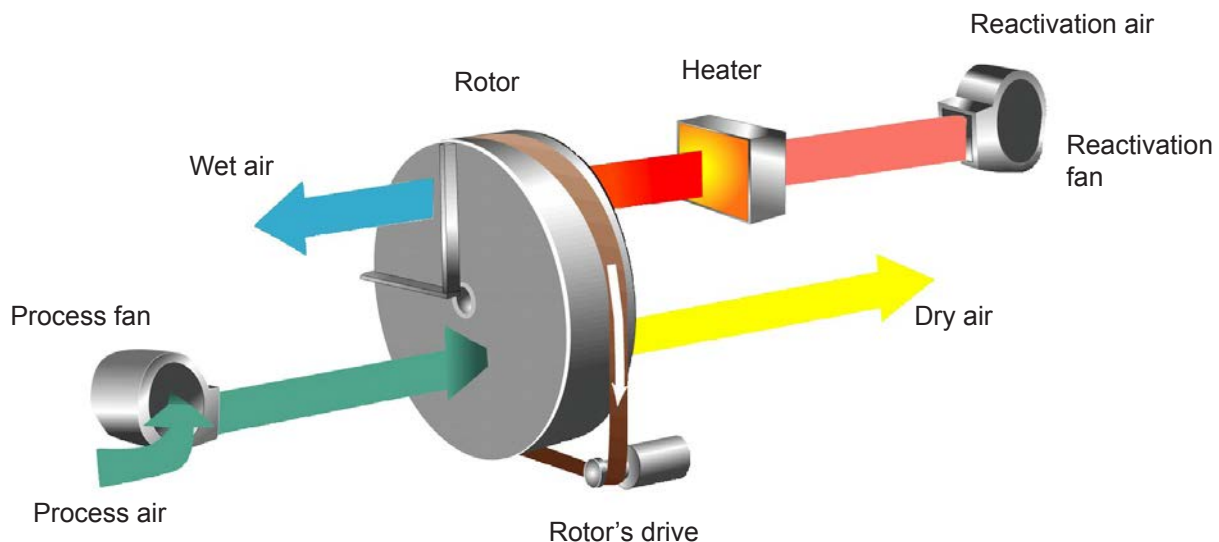
Dry Air Flow

**9000 m<sup>3</sup>/h**

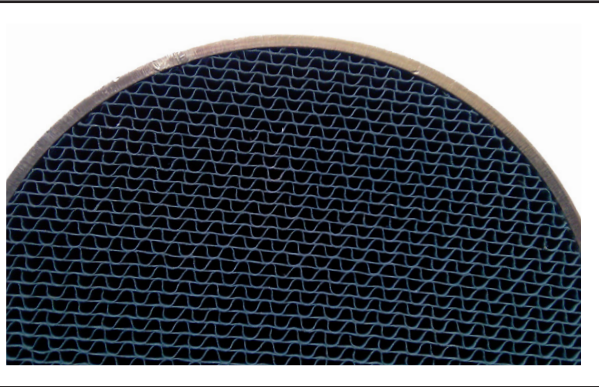


**NEW**

- 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-9000
Nominal capacity *	50 kg/h
Dry air flow**	9000 m <sup>3</sup> /h
Static pressure at outlet	??? Pa
Wet air flow**	2500 m <sup>3</sup> /h
Static pressure at outlet	??? Pa
Heater's power	?? kW
Total power	80 kW
Filter class	4
Rotor's reactivation by ***	E/G/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.

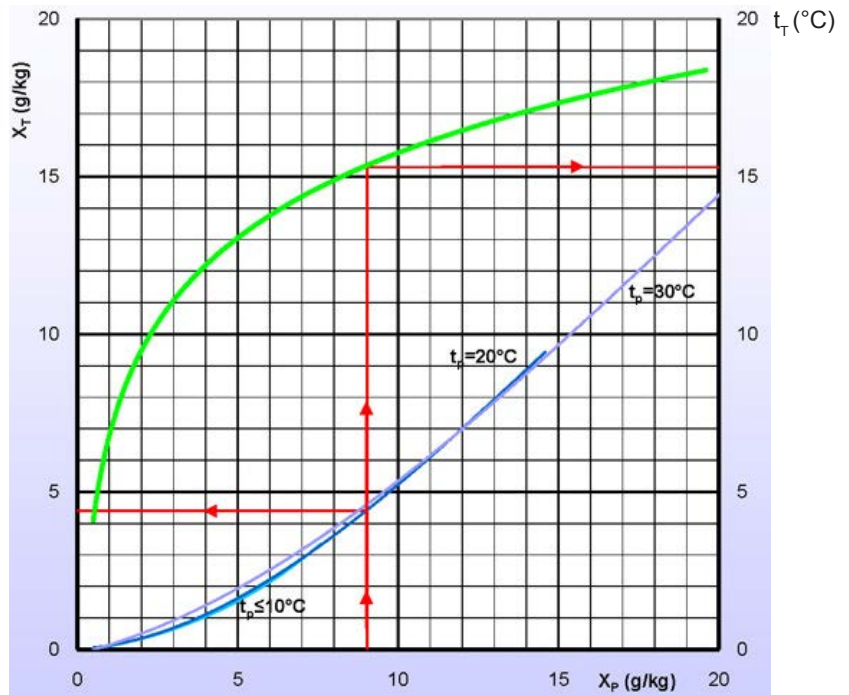
\*\* Flow related to air density 1.20 kg/m<sup>3</sup>.

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

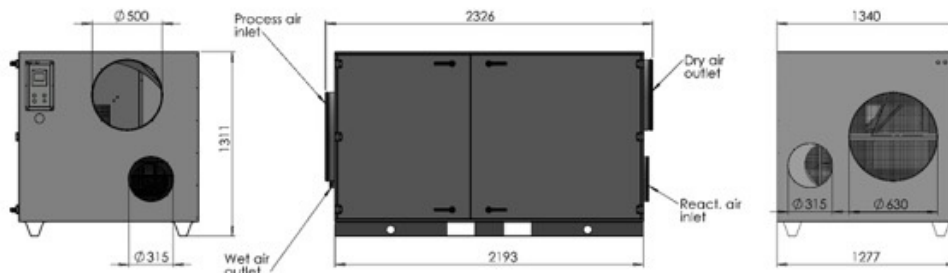
## CAPACITY DIAGRAM

**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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