



Dry Turbine Preservation^a

cc. VGB-R 116He: Preservation of Power Plant Systems

DehuTech DT-500

Dehumidifying capacity
at 20°C / 60%RH

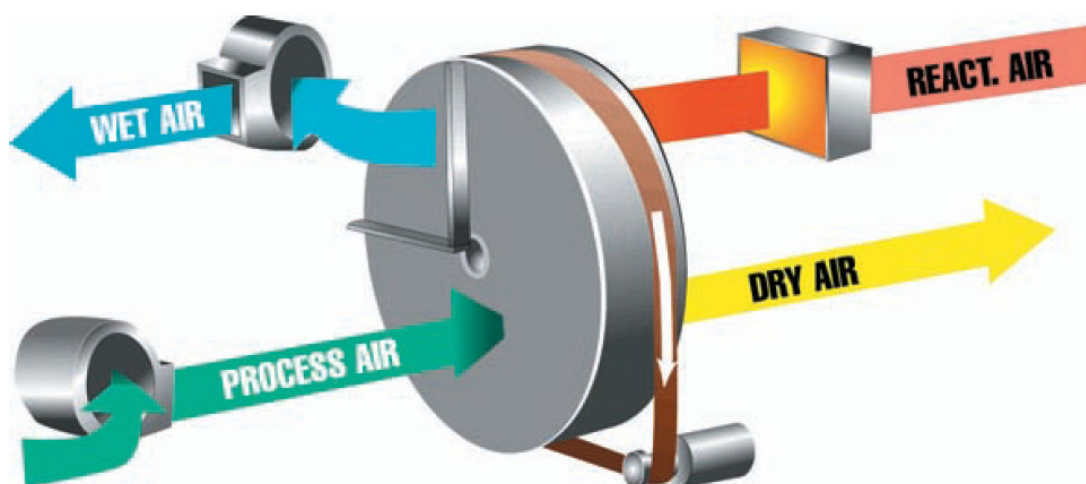
2,6 kg/h

Dry air flow-rate

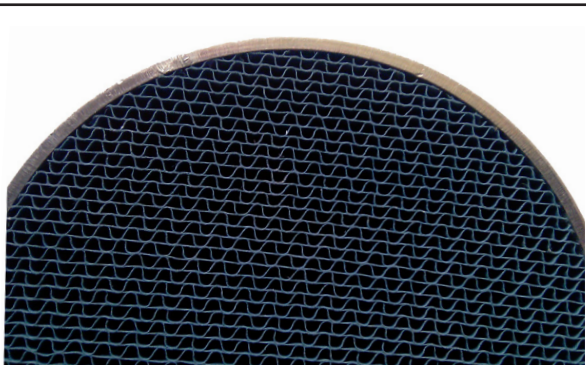
500 m³/h



- Washable rotor
- No desiccant carry-over
- Stainless steel casing
- Direct driven fans
- Self-control PTC air heater
- Air filters
- Connection of control equipment
- Optional: air condenser
- Easy installation and maintenance
- Long lifetime



TECHNICAL DATA



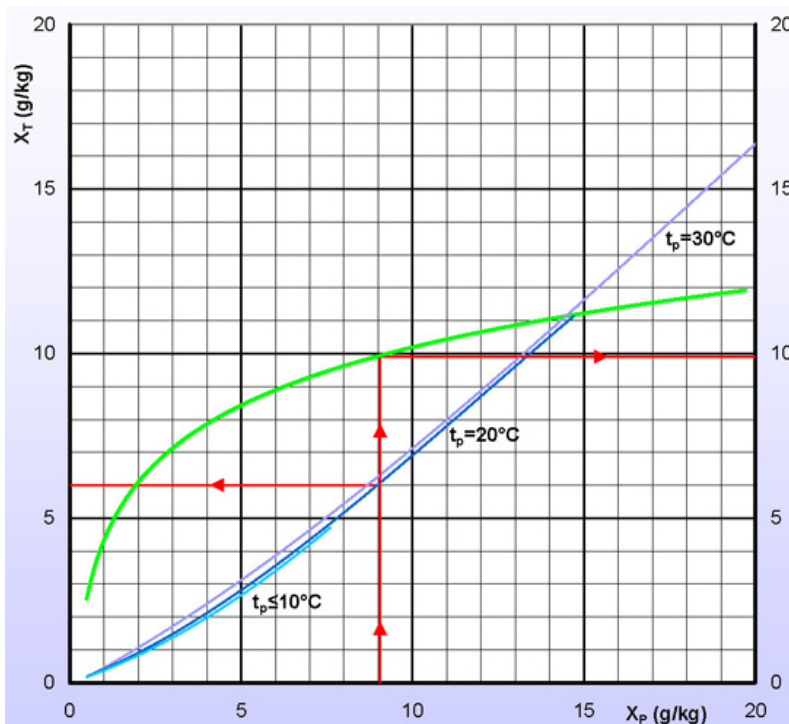
Dehumidifier, type	DT-500
Nominal capacity *	2,6 kg/h
Dry air flow**	500 m³/h
Wet air flow**	120 m³/h
Total power	3,5 kW
Current / phase	15,2 A
Rotor's reactivation by ***	E
Weight	31 kg
Noise level	62,2 d(BA)

* 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

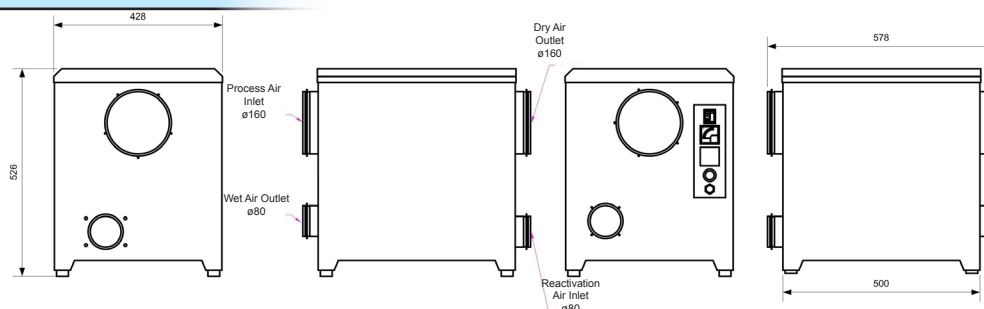
CAPACITY DIAGRAM

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

at Outlet:
 $x_T = 6 \text{ g/kg}$
 $t_T = 20 + 9,9^\circ\text{C} = +29,9^\circ\text{C}$



DIMENSIONS



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