

DP082H

Air dehumidifiers for industrial processes



Many configurations

Casing in stainless steel double skin

High performance desiccant rotor

Simple maintenance

High efficiency fans with EC motor

Programmable logic controller (PLC) with integrated controls (humidity, temperature and air flow)



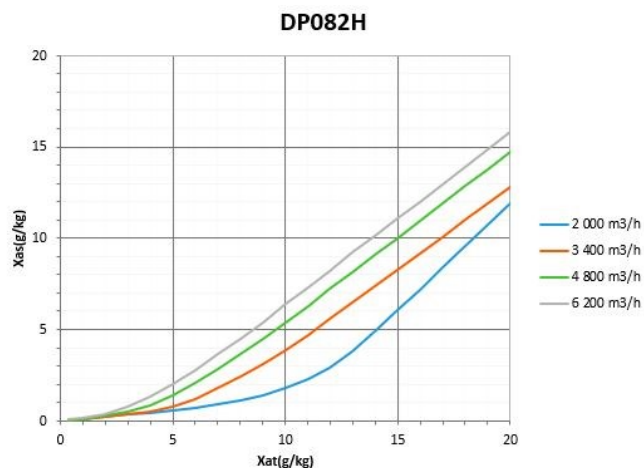
DP082H technical specifications

Dry air flow range : from **2000 to 6200 m³/h**

Wet air flow : **1125 m³/h**

Electrical power : **33,75 kW**

Capacity diagram



Example :

T_AT = Process air temperature

T_AS = Dry air temperature

DP082H : $T_{AS} = T_e + \Delta x * 3,6 \pm 18\,600 / Q_v$

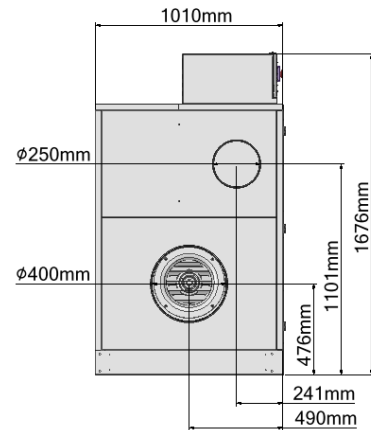
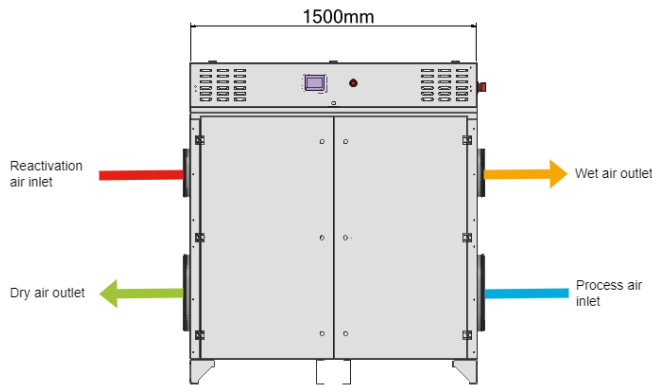
References

DP082	H	S	5	0	0	B	0	G
Range DP : Product type 082 : 770x200mm	Reactivation power H : 33,75kW	Process air fan configuration 0 : Without AF D : 1,0kW E : 1,9kW S : 2 x 1,0kW T : 2 x 1,9kW	Filtration configuration 0 : G4 React 1 : F8 React 2 : F9 React 3 : G4/F8 React 4 : G4/F9 React 5 : G4 6 : F8 7 : F9 8 : G4/F8 9 : G4/F9	Electrical configuration 0 : Basic 1 : 4th PIDc* 2 : 5th PIDc* 5 : Basic + PF 6 : 4th PIDc* + FP 7 : 5th PIDc* + FP	Blocks configuration 0 : Without blocks M : Upstream block V : Downstream block B : Up and downstream blocks	Power supply mode B : 3P + N + T C : 3P + T	Reactivation utility 0 : Electricity 2 : Steam 4 : Gas 6 : Hot water	Easement G : Left D : Right

AF : Air fan
 PIDc : Configurable PID control
 FP : Filter pressure switch
 Basic : 3 PID control (humidity, process & reactivation air flows)

Dimensions

Left site



Right side

