

DP102K

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)



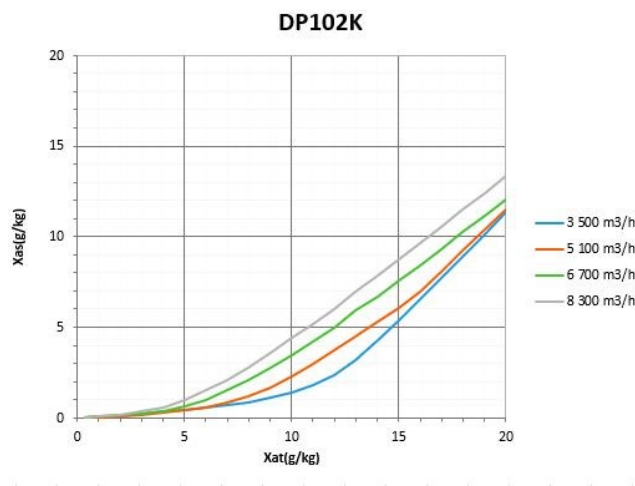
DP102K technical specifications

Dry air flow range : from **3500 to 8300 m³/h**

Wet air flow : **2475 m³/h**

Electrical power : **74,25 kW**

Capacity diagram



Example :

T_AT = Process air temperature

T_AS = Dry air temperature

DP102K : $T_{AS} = T_e + \Delta x \cdot 3,6 \pm 33\,200 / Q_v$

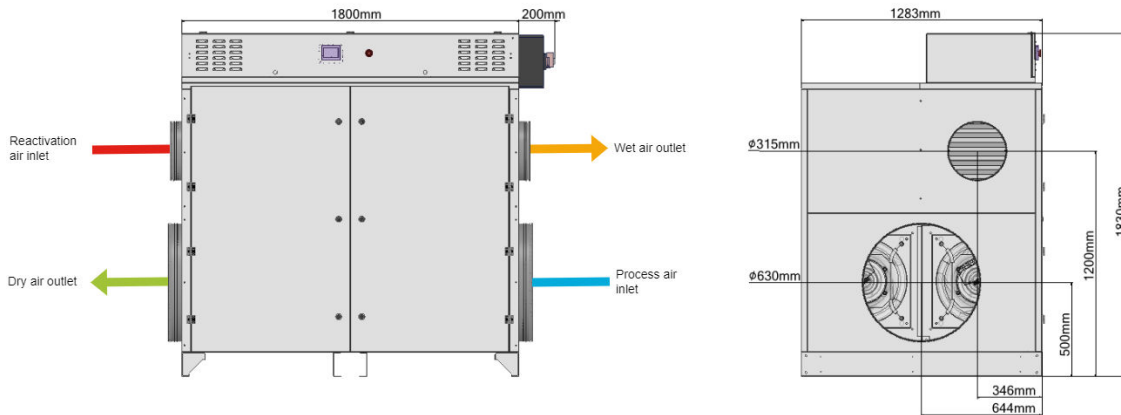
References

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|--|--|--|---|--|---|--|---|--|
| DP102 | K | V | 5 | 0 | 0 | B | 0 | G |
| Range DP : Product type 102 : 965x200mm | Reactivation power K : 74,25kW | Process air fan configuration 0 : Without AF F : 2,5kW G : 5,0kW U : 2 x 2,5kW V : 2 x 5,0kW | 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

