

DBD-300-1M

Standalone Rotary Adsorption air dehumidifier

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Casing in stainless steel

High performance desiccant rotor

PTC reactivation heater to eliminate the overheating risk

High efficiency fans with EC motor

Reliability and simple maintenance

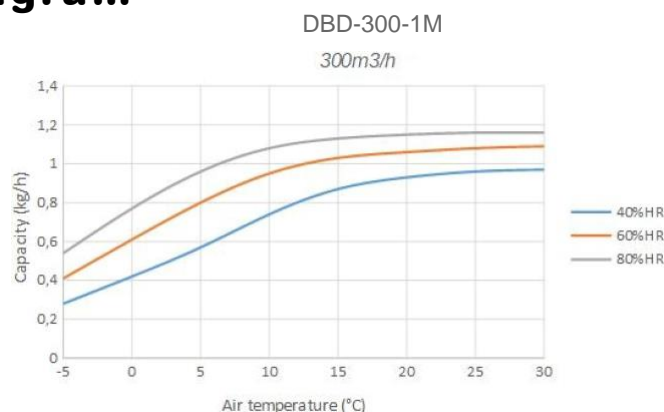
Technical specifications DBD-300-1M

Nominal dry air flow :	300 m³/h
Dehumidification capacity :	1,1 kg/h
(at 20°C and 60%RH)	
Wet air flow :	50 m³/h
Electrical power :	1,3 kW - 230V
Weight :	15 kg



Operating principle

Capacity diagram



Example :

T_{AT} = Process air

T_{AS} = Dry air

DBD-300-1M: [T_{AS} = T_{AT} + 0,12 × T + 3,5] ± 2°C

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References

DBD-300	1M	1	0	0	0	A
Range & process air flow	No. of fans + Power supply	Handle	Component configuration	Mechanical configuration	Configuration	Power supply mode
DBD: product type + Flow P 300 : 300M3/h	1 : 1F P+ R M : Single phase	1 : With	0 : Without 5 HM	0 : Without 3 : Connect PA Connect RA	0 : without	A : P + N + T

F: Fan
 HM: Hour meter
 PA: Process air inlet
 RA: Reactivation air inlet
 TI: Thermal insulation
 int: interface
 Pot: potentiometer

HM mounting not possible with regulator
 Optional filter box(es) and mounting bracket available

Dimensions

