

# DBD-200-1M

Standalone Rotary Adsorption air dehumidifier

LBK-SHOP.NL



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

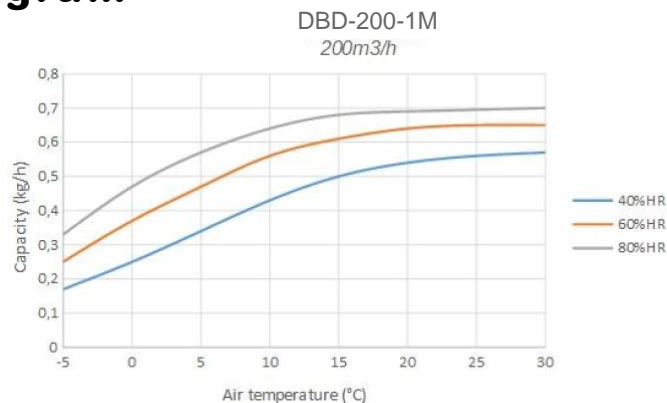
## Technical specifications DBD-200-1M

Nominal dry air flow :	200 m <sup>3</sup> /h
Dehumidification capacity (at 20°C and 60%RH) :	0,6 kg/h
Wet air flow :	40 m <sup>3</sup> /h
Electrical power :	0,9 kW - 230V
Weight :	15 kg



Operating principle

## Capacity diagram



Example :

T<sub>AT</sub> = Process air

T<sub>AS</sub> = Dry air

DBD-200-1M: [T<sub>AS</sub> = T<sub>AT</sub> + 0,12xT + 3,5] ±2°C

# References

DBD-200	1M	1	0	0	0	A
<b>Range &amp; process air flow</b>	<b>No. of fans + Power supply</b>	<b>Handle</b>	<b>Component configuration</b>	<b>Mechanical configuration</b>	<b>Configuration</b>	<b>Power supply mode</b>
DBD: product type + Flow P <b>200</b> : 200M3/h	<b>1</b> : 1 GMV P/R <b>M</b> : Single phase	<b>1</b> : Without	<b>0</b> : Without <b>5</b> : HM	<b>0</b> : Without <b>3</b> : Connect PA Connect RA	<b>0</b> : without	<b>A</b> : 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

