

# DBD-1000-2T

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

Adjustable air flow potentiometer

Reliability and simple maintenance

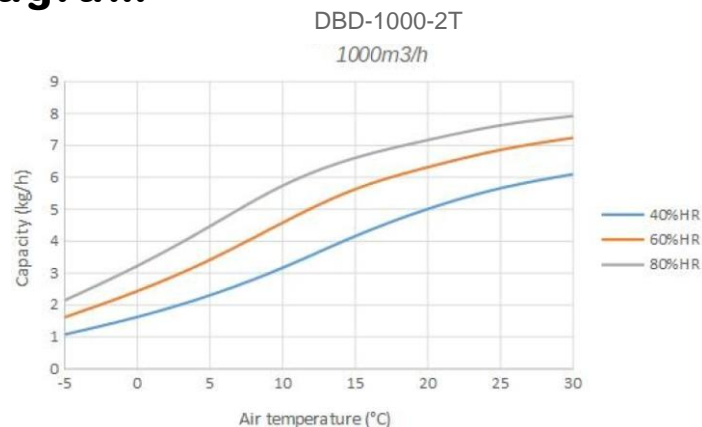
## Technical specifications DBD-1000-2T

Dry air flow range :	from 600 to 1000 m <sup>3</sup> /h
Nominal dry air flow :	1000 m <sup>3</sup> /h
Dehumidification capacity :	6,4 kg/h
(at 20°C and 60%RH)	
Wet air flow :	350 m <sup>3</sup> /h
Electrical power :	10 kW - 400V
Weight :	130kg



Operating principle

## Capacity diagram



Example :

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

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

DBD-1000-2T [T<sub>AS</sub> = T<sub>AT</sub> + 0,32 × T + 9,7 ± 2°C

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# References

DBD-1000	2T	0	3	3	0	C
<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>1000</b> : 1000M3/h	<b>2</b> : 1 F P+ 1 F R <b>T</b> : Three phase	<b>0</b> : without	<b>3</b> : Pot F P+R <b>8</b> HM + Pot F P+R	<b>2</b> : Connect RA <b>3</b> : Connect Pa + RA <b>4</b> : Frame + Connect Pa + RA <b>5</b> : Frame + Connect RA <b>6</b> : TI + Frame + Connect RA <b>7</b> : TI + Connect RA <b>8</b> : TI + Connect PA & RA <b>9</b> : TI + Frame Connect PA & RA	<b>0</b> : without <b>1</b> : Regul with int <b>2</b> : Regul without int	<b>B</b> : 3P + N + T <b>C</b> : 3P + T
<p>F: Fan          HM: Hour meter          PA: Process air inlet          RA: Reactivation air inlet          TI: Thermal insulation          int: interface          Pot: potentiometer</p> <p>HM mounting not possible with regulator          Optional filter box(es) and mounting bracket available</p>						

# Dimensions

