

DBD-400-2M

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

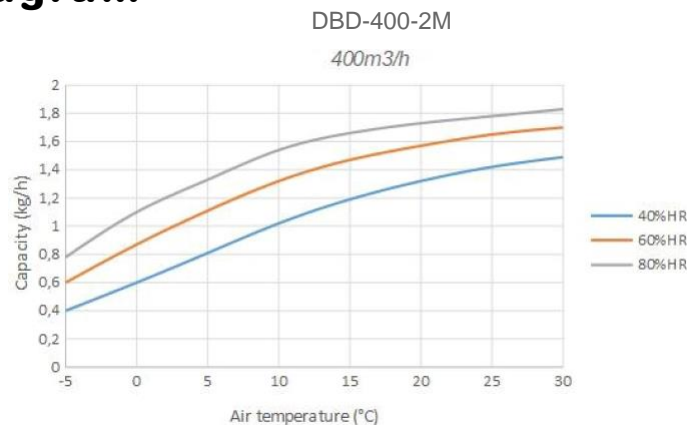
Technical specifications DBD-400-2M

Dry air flow range :	from 240 to 400 m ³ /h
Nominal dry air flow :	400 m ³ /h
Dehumidification capacity : (at 20°C and 60%RH)	1,6 kg/h
Wet air flow :	112 m ³ /h
Electrical power :	2,3 kW - 230V
Weight :	40kg



Operating principle

Capacity diagram



Example :

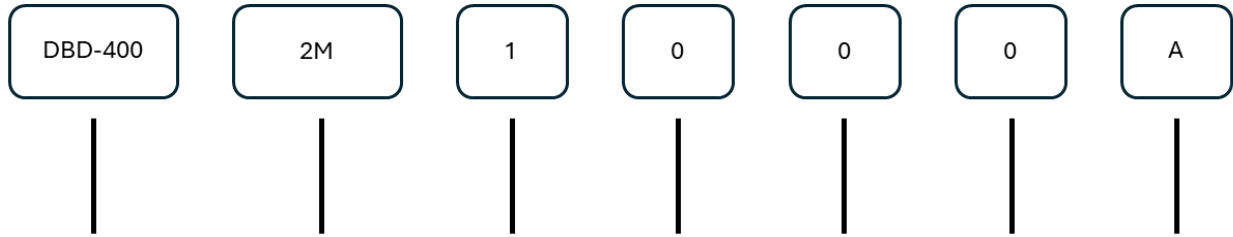
T_{AT} = Process air

T_{AS} = Dry air

DBD-400-2M: $T_{AS} = T_{AT} + 0,12 \times T + 7,2 \pm 2^{\circ}\text{C}$

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References



Range & process air flow

DBD: product type + Flow P **400**: 400M3/h

No. of fans + Power supply

2: 1FP+ 1FR
M: Single phase

Handle

0: Without

Component configuration

0: Pot F P+R
5: HM + Pot F P+R

Mechanical configuration

2: Connect RA
3: Connect Pa + RA
4: Frame + Connect Pa + RA
5: Frame + Connect RA
6: TI + Frame + Connect RA
7: TI + Connect RA
8: TI + Connect PA & RA
9: TI + Frame Connect PA & RA

Configuration

0: without
1: Regul with int
2: Regul without int

Power supply mode

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

