

Adsorptions dehumidifier Modell series DryQube

DQ 2400 • DQ 3300 • DQ 5000 • DQ 6500 • DQ 8000 • DQ 9500

Product description: DQ 2400 - DQ 9500

Industrial-grade air dehumidifier series for the dehumidification of atmospheric air by means of high-performance sorption rotors. In the basic variant, suitable for indoor installation, the framework housing is made of powder-coated aluminium extrusion profiles, into which the galvanised and likewise powder-coated wall panels are inserted.

Removable service panels facilitate cleaning, inspection and maintenance processes. A technically advanced and energy-saving system allows for economically efficient and long-term operation.

In addition, elaborately detailed designs provide for minimal maintenance effort on the part of the operator and service personnel. A service-friendly control panel, which is equipped with standard components, is mounted on the dehumidifier, thus complementing the overall concept and ensuring the utmost operational reliability.

Through optionally available accessories, the MS equipment series also addresses a wide range of services in various industries.

Our flexible manufacturing enables us to provide customer-tailoured solutions for requirements going beyond this - related to both, process technology and performance.

14,7 – 56 kg/h
Dehumidification capacity*

2400- 9500 m³/h
Dry air volume flow*

*rated data at 20°C, 60% r.F.



MS 2.4 for inside installation)



MS 2.4 with option outside installation

Areas of application

Our high-performance adsorption dryers are used wherever conventional systems (such as condensation dryers) are not sufficient to obtain the desired dehumidification performance or operate inefficiently.

The adsorption principle we use allows for much lower dew points, and therefore operates with utmost efficiency.

Adsorption dryers are particularly employed in areas that require low humidity and continuous process conditions. In addition to ventilation, climate and process air technology, these include the construction industry, manufacturing plants and storage facilities.

Additional areas of application include the following:

- Automotive industry
- Pharmaceutical industry
- Electrical industry
- Food industry
- Military technology
- Energy production



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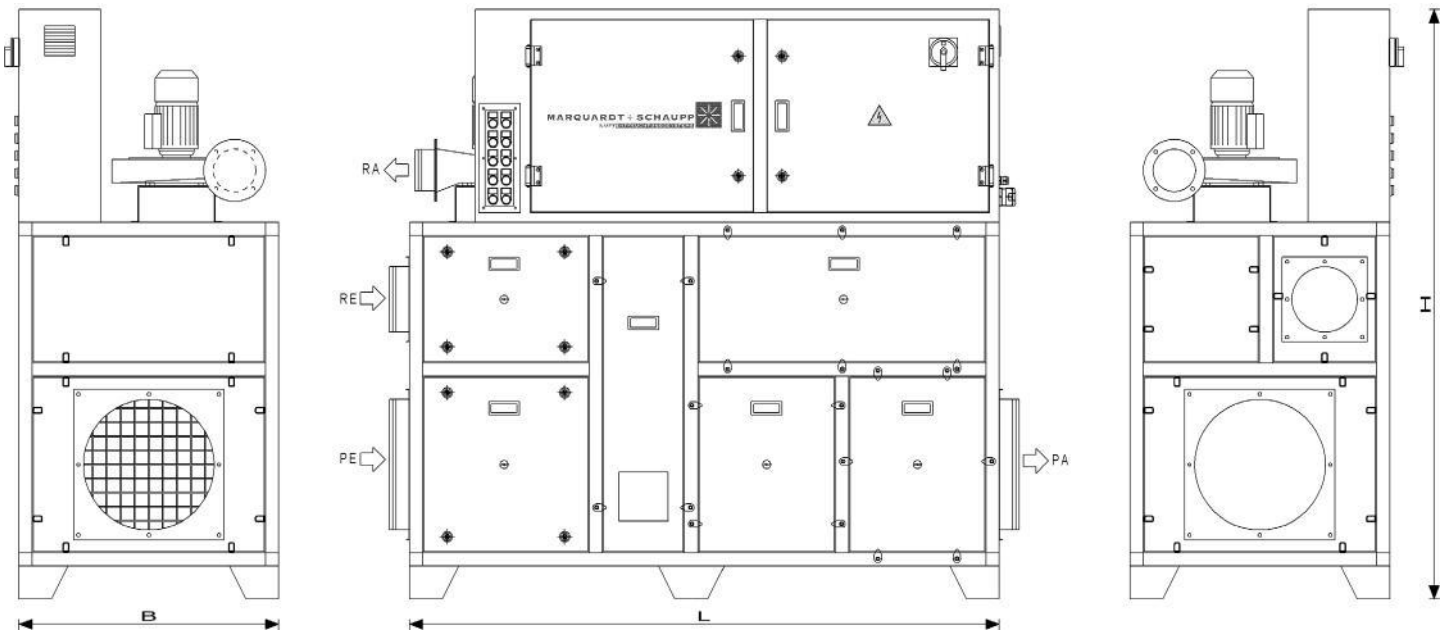
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Technische Daten

Types	DryQube 2400	DryQube 3300	DryQube 5000	DryQube 6500	DryQube 8000	DryQube 9500
Dehumidification capacity kg/h	14,7	19,4	29,4	38,3	47,2	56
Volume of dry air nominal (m³/h)	2400	3300	5000	6500	8000	9500
ext. Pressure (Pa)	400	400	400	400	400	400
Volume of Reg. air nominal (m³/h)	590	810	1230	1590	1970	2340
ext. Pressure (Pa)	400	400	400	400	400	400
Connecting Voltage	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz
Connecting power (kw)	28	35	52,8	66,1	81,3	97
Nominal current (A)	48	58	80,4	105	119,8	150
Fuse protection (max. A)	63	100	100	125	160	160
LxBxH (mm)	1800x794x1800	1800x794x1800	1900x1034x2080	1900x1034x2080	2450x1316x2380	2450x1316x2380
Process air inlet (PE)	NW 400	NW 400	NW 500	NW 500	BxH 1100x600	BxH 1100x600
Process air outlet (PA)	NW 400	NW 400	NW 500	NW 500	BxH 1100x600	BxH 1100x600
Regeneration air inlet (RE)	NW 200	NW 200	NW 315	NW 315	NW 400	NW 400
Regeneration air outlet (RA)	NW 125	NW 125	NW 140	NW 140	NW 180	NW 180
Weight ca. (kg)	380	400	530	550	680	700
Weight weatherproof design ca. (kg)	480	500	630	650	780	800

*rated data at 20°C, 60% r.F.

(technical changes are reserved)



Options / accessories

- Weather resistant design
- Stainless steel design
- Hygienic design on process air side
- Transport and skirting protection frame
- Regeneration heating as a steam heater
- Casters for mobile use
- Adapters for air-side-connection
- Filter monitoring (on- site display)
- Hygostat
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