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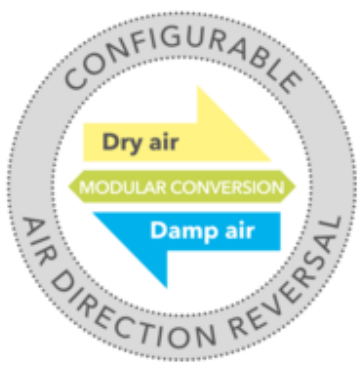
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Dezumidificator industrial 950m³h,TTR 800.

INDUSTRIAL DESICCANT DEHUMIDIFIER TTR 800

The TTR 800 is provided with separate air flow ducts for process and regeneration air with G4 air filters in Z-line design and with a separately adjustable fan for each air flow duct. Owing to this TTR Trisorp Dual principle with dual air circulation the desiccant dehumidifier can be flexibly used in pressure-tolerant recirculation mode for diverse industrial dehumidification tasks – regardless of the installation site being inside or outside the room to be dehumidified.

For stationary industrial applications dehumidifiers often have pipe connections and yet it must be possible to integrate them flexibly into existing process sequences. Here the TTR 800 scores especially with its configurable air direction reversal. With the operator side always facing the user, the air flow direction can easily be adjusted as needed by means of a modular conversion. Blowing out dry air to the right and discharging humid air to the left – or the other way round – with the TTR 800 the air direction reversal can be carried out with minimal effort.



The Duoventic air volume regulation is integrated as standard; both fans of the separate air circuits can be controlled independently via an infinitely variable electronic regulation. As a result you can always use the full potential of the TTR 800 quickly and in line with demand without any conversions while simultaneously configuring every climate scenario with only one device.

Duoventic enables the separate fine adjustment of moisture content and volumetric flow of the dry air required without the need to e.g. install energy-wasting throttle valves to regulate the air volume as has often been customary so far.

Available to you beside the comprehensive standard equipment including Duoventic control, rotation control, overtemperature protection system with restart lock, operating temperature management, filter monitoring with collective warning light, terminals external On/Off, terminals hygrostat as well as potential-free contacts for operation, fault and filter are manifold equipment options by means of which you can adjust the desiccant dehumidifier TTR 800 individually to various specific application requirements.

Since the TTR 800 was developed and manufactured in Germany according to the highest quality standards and houses only efficient branded components of the latest generation of technology supplied by leading component manufacturers, the device is characterized by a long lifetime – ideal for the continuous production of dry air at low dew points, for dry keeping applications in cold surroundings or the constant provision of dry air for industrial processes.

A few practical benefits:

- ***Professional quality "made in Germany" – originally produced by Trotec***
- ***High dehumidification performance even with low dew points***
- ***Robust stainless steel housing with IP44 type of protection***
- ***Reliable silica gel sorption rotor***
- ***Configurable air direction reversal (conversion requires minimal effort)***
- ***Duoventic control – the performance of each fan can be set individually via a potentiometer***
- ***Electric regeneration heating***
- ***Filter monitoring (per air current and collective warning light)***
- ***Can be configured individually for almost any application due to manifold equipment options***

Originally produced by Trotec
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TECHNICAL DATA		
General information		
	Article number	1.110.000.150
Dry air (in case of intake air 20°C / 60 % RH)		
	Dehumidification [kg/24h]	86.4
	Dehumidification [kg/h]	3.6
	Air volume free-blowing [m³/h]	950
	Nominal air volume [m³/h]	750
	External compression [Pa]	300
	Connection inlet Ø [mm]	250
	Connection outlet Ø [mm]	250

Operating principle		
	Operating principle	TTR Trisorp Dual
Operating range		
	Min. temperature [°C]	-20
	Max. temperature [°C]	40
	Min. humidity [% RH]	0
	Max. humidity [% RH (non-condensing)]	100
Electrical values		
	Mains connection	480 V/50 - 60 Hz
	Nominal current consumption [A]	7.5
	Installed capacity [kW]	4.9
	Heating capacity [kW]	4.1
	Recommended fusing [A]	16
Electric connection		
	Terminal connection	■
Automatic dehumidification		
	Non-stop dehumidification	■
Dimensions		
	Length (packaging excluded) [mm]	625
	Width (packaging excluded) [mm]	650
	Height (packaging excluded) [mm]	940
Weight		
	(packaging excluded) [kg]	85

EQUIPMENT, FEATURES AND FUNCTIONS

Housing type		
	Stainless steel	■
Device version		
	Indoor installation (standard)	■
	Hiring model	—
	Stackable	—
	Shelter against the weather	▣
Equipment		
	Wide-range voltage	■
	Rotor rotation control (rotor and drive)	■
	Overtemperature protection system with restart lock (regeneration air)	■
	Operating temperature management (regeneration air)	■
	Filter monitoring (per air current and collective warning light)	■
	Duoventic control	■
	Configurable air direction reversal (conversion requires minimal effort)	■
	Terminals for external ON/OFF	■
	Terminals hygrostat	■
	Potential-free contacts (operation, fault, filter)	■
	Operating hours counter	■
	Air volume regulation	■
	Integrated heat recovery	■

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