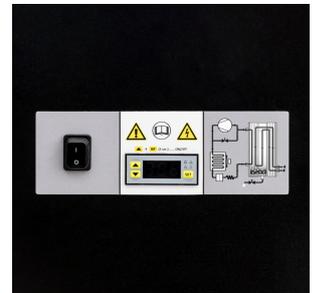




Compressed air dryer RDO 235 1 1/2" 3916 l/min "Zero-loss" automatic condensation drain

3900235-E



Product details

EAN	8712418423129
Weight (kg)	56 kg
Length (mm)	495 mm (4.95 dm)
Width (mm)	588 mm (5.88 dm)
Height (mm)	826 mm (8.26 dm)
SKU	3900235-E
Type	RDO
Control panel	Digital
Type condensation drain	Automatic "Zero-loss"
Air flow (m3/h)	235
Connection type	Female
Voltage (V)	230 V / 50 Hz / 1 Ph
IP classification	IP65
Cooling air volume (m3/h)	700 m ³ /h (11.667 m ³ /min)
Refrigerant	R513A
Refrigerant weight (kg)	0.89
Max. inlet air temperature (°C)	55 °C
Minimum ambient temperature (°C)	1
Maximum ambient temperature (°C)	45
Heat rejection (kW)	1.9
Noise level at 0 m dB(A)	>65
Air flow at 7 bar (l/min)	3916
Air flow at 7 bar (m3/h)	235 m ³ /h (3.917 m ³ /min)
Purity class - humidity (ISO 8573-1)	4
Air connection (")	1 1/2
Power (kW)	0.73

Maximum pressure (bar)	16
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Pressure dew points (°C)	3
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Description

RDO 235 refrigeration dryer 1 1/2" 3916 l/min 16 bar

RDO 235 1 1/2" refrigeration dryer 3916 l/min 16 bar is an advanced model designed to work in extensive pneumatic systems. Designed for large production and industrial plants, it ensures reliability and efficiency operation. Thanks to the stable PDP dew point +5°C and the 3-stage drying system, it effectively eliminates moisture, protecting pneumatic installations. against corrosion, deposits and failures. This device ensures long service life of the systems and their reliable operation even in difficult operating conditions.

Key features

Class 4 Humidity Class: Meets the requirements of ISO 8573-1, providing high quality air.

3-stage dehumidification system: Ensures effective moisture separation and secondary heating of exhaust air, minimizing the risk of condensation.

Energy efficiency: The dehumidification process using dry exhaust air for pre-cooling increases efficiency and reduces energy consumption.

Moisture resistance: Heat exchanger made of stainless steel ensures durability and corrosion resistance.

IP 68 protection class: Provides full waterproofness and resistance to moisture, ensuring reliable operation in difficult working environments.

Automatic condensate drain: The electronic system eliminates the risk of compressed air loss, ensuring continuous and maintenance-free operation of the device.

Applications

RDO 235 1 1/2" 3916 l/min 16 bar refrigeration dryer is an ideal solution for industrial pneumatic systems. It is suitable for applications such as pneumatic transport, CNC machines, production lines and other systems requiring reliable, high-quality air treatment.



Technical specifications

Model: RDO 235

Nominal flow: 3916 l/min

Maximum pressure: 16 bar

Dew point: +5°C

Ambient temperature range: 1°C – 45°C

Connection: 1 1/2"

Advanced dehumidification technology

The RDO 235 dehumidifier uses a 3-stage heat exchanger which ensures exceptional efficiency of the drying process. Pre-cooling the intake air with dry exhaust air increases energy efficiency by minimizing energy loss. The third phase, which includes secondary heating of the exhaust air, eliminates the risk of water vapor condensing outside the installation. The automatic condensate drain ensures continuous operation of the device and eliminates the need for frequent operator intervention.

Ecological and durable solution

The RDO 235 dehumidifier uses R134a refrigerant and a stainless steel heat exchanger, which ensures high resistance to moisture and minimizes the risk of corrosion. This technology effectively eliminates moisture,

protecting pneumatic systems from deposits and rust. Regular air drying extends the life of pneumatic installations, reducing the costs of their maintenance and operation.

