



Compressed air dryer RDO 950 2" 15830 l/min "Zero-loss" automatic condensation drain

3900950-E



Product details

EAN	8712418423181
Manufacturer	Airpress Polska Sp. z o.o.
Weight (kg)	150 kg
Length (mm)	491 mm (4.91 dm)
Width (mm)	708 mm (7.08 dm)
Height (mm)	973 mm (9.73 dm)
SKU	3900950-E
Type	RDO
Control panel	Digital
Type condensation drain	Automatic "Zero-loss"
Air flow (m3/h)	950
Connection type	Female
Voltage (V)	400 V / 50 Hz / 3 Ph
IP classification	IP65
Cooling air volume (m3/h)	2,200 m ³ /h (36.667 m ³ /min)
Refrigerant	R513A
Refrigerant weight (kg)	2.55
Max. inlet air temperature (°C)	55 °C
Minimum ambient temperature (°C)	1
Maximum ambient temperature (°C)	45
Heat rejection (kW)	7.7
Noise level at 0 m dB(A)	>65
Air flow at 7 bar (l/min)	15830
Air flow at 7 bar (m3/h)	950 m ³ /h (15.833 m ³ /min)
Purity class - humidity (ISO 8573-1)	4
Air connection (")	2

Power (kW)	2.4
Maximum pressure (bar)	16
Pressure dew points (°C)	3

Description

RDO 950 2" refrigeration dryer 15830 l/min 16 bar

RDO 950 2" refrigeration dryer 15830 l/min 16 bar is an advanced solution for large industrial plants and extensive pneumatic systems. Equipped with PDP dew point +5°C and a 3-stage drying system, effectively eliminates moisture from the compressed air, ensuring reliable protection of the installation against corrosion, deposits and costly breakdowns. Thanks solid construction and advanced technology, the dehumidifier guarantees efficiency and durability in the most demanding conditions.

Key features

Class 4 humidity class: Meets the requirements of ISO 8573-1, providing the highest quality air.

3-stage dehumidification system: Cools, separates moisture and re-heats the exhaust air, minimizing the risk of condensation.

Energy efficiency: Uses dehumidified exhaust air to cool intake air, increasing efficiency and reducing energy consumption.

Stainless steel heat exchanger: Resistant to moisture and corrosion, ensures long service life of the device.

IP 68 protection class: Protects the device against moisture, water and dust, enabling operation in difficult industrial conditions.

Automatic condensate drain: The electronic system eliminates the need for manual operation, ensuring continuous and efficient operation of the device.

Applications

The RDO 950 2" 15830 l/min 16 bar refrigeration dryer is a reliable solution for large pneumatic systems, such as production lines, pneumatic transport systems or CNC machines. It guarantees stable air drying in applications requiring the highest compressed air quality.



Technical specifications

Model: RDO 950

Nominal flow: 15830 l/min

Maximum pressure: 16 bar

Dew point: +5°C

Ambient temperature range: 1°C – 45°C

Connection: 2"

Advanced dehumidification technology

The RDO 950 dehumidifier uses a 3-stage heat exchanger that optimizes the moisture separation process. Pre-cooling the inlet air with dehumidified exhaust air increases energy efficiency by reducing energy loss. Secondary heating of the exhaust air eliminates the risk of water vapor condensing outside the installation, and the automatic condensate drain guarantees continuous operation and reduces operating costs.

Ecological and durable solution

The RDO 950 dehumidifier uses R134a refrigerant and a stainless steel heat exchanger, ensuring resistance to moisture and minimizing the risk of corrosion. Regular drying of compressed air extends the life of the installation, reduces maintenance costs and increases the reliability of pneumatic systems in any industrial

application.

