



Screw Compressor APS 15 IVR Combi Dry X 10 bar 15 hp/11 kW 380-1500 l/min 500 l

369213-IVR



Product details

SKU	369213-IVR
EAN	8712418367799
Length (mm)	1850
Width (mm)	820
Height (mm)	1880
Weight (kg)	510.000000
Workload (labor/rest %)	100/0
Motor power (hp / kW)	15.0 HP / 11.0 kW
Motor efficiency class	IE4
Motor Type	PM
Drive	Direct driven 1:1
Control panel	MAM-6080
Available languages	English, Dutch, Polish, German
Dryer	Yes
Dryer voltage (V)	230
Air receiver	Yes
Capacity air receiver (l)	500
Galvanized tank	No
Maximum pressure (bar)	10
Cut-in pressure (bar)	6
Free air delivery at 8 bar (l/min)	1500
Free air delivery at 10 bar (l/min)	1410
Minimum free air delivery (l/min)	380
Minimum free air delivery (m3/h)	22.8
Maximum free air delivery (l/min)	1500
Maximum free air delivery (m3/h)	90

Noise level dB(A) (0 m)	78
Noise level dB(A) (4 m)	58
Plug type	EU
Cooling air volume (m ³ /h)	5400
Main air connection (")	3/4
Minimum ambient temperature (°C)	10
Maximum ambient temperature (°C)	45
Oilfree	No
Oil capacity (l)	10
Stages	1
Start	Inverter
Voltage (V)	400 V / 50 Hz / 3 Ph
IP classification	IP55
Variable speed (IVR)	Yes
Minimum rpm 10 bar (rpm)	900
Maximum rpm 10 bar (rpm/Hz)	1960
Minimum energy consumption 10 bar (kW/m ³ /h)	9.1
Maximum energy consumption 10 bar (kW/m ³ /h)	12.5

Description

APS 15 IVR Combi Dry X screw compressor 10 bar 15 HP/11 kW 380-1500 l/min 500 l

APS 15 IVR Combi Dry X is a technologically advanced screw compressor, designed for demanding industrial applications. Equipped with a 15 HP (11 kW) engine, the device generates air flow from 380 to 1500 l/min at a maximum pressure of 10 bar. The built-in refrigerant dryer and a 500-liter tank ensure reliability and high quality of compressed air, which makes this model a perfect solution for workshops, service centers and production plants.

The most important advantages of APS 15 IVR Combi Dry X:

Built-in refrigerant dryer – Ensures effective moisture removal, which protects pneumatic systems from corrosion and increases the life of tools and equipment.

Variable speed (IVR) technology – Dynamically adjusts the engine speed to current needs, which reduces energy consumption by up to 40% compared to traditional fixed-speed compressors.

Large 500 l tank – Enables effective air storage, which ensures stability of the system even with large fluctuations in demand.

1:1 direct drive – Eliminates energy waste, increasing efficiency and reducing operating costs.

Synchronous motor with permanent magnets (PM)

The APS 15 IVR Combi Dry X compressor uses a synchronous motor with permanent magnets, which is characterized by high energy efficiency and reliability. Controlled by an inverter, the motor precisely adjusts its speed to current demand, which significantly reduces operating costs and the need for maintenance.

Advanced MAM-6080 controller

The MAM-6080 microprocessor controller ensures intuitive management of the device's operating parameters. Features such as weekly programming, automatic restart and intelligent cooling management optimize the operation of the device, minimizing operating costs and increasing efficiency.

Energy efficiency and sustainability

Thanks to the combination of variable speed technology, a built-in dryer and a 500 l tank, APS 15 IVR Combi Dry X ensures optimal performance and operational stability. The compressor's design and the use of high-quality components guarantee reliability and long service life of the device, meeting the needs of even the most demanding industrial users.

Technical specifications:

Operating pressure range: 6-10 bar

Engine power: 15 HP / 11 kW

Air flow: 380-1500 l/min

Tank capacity: 500 l

Power supply: 400 V / 50 Hz / 3 phases

Noise level: 63 dB(A)

APS 15 IVR Combi Dry X is a reliable, energy-saving and efficient solution for companies that require high-quality compressed air. Thanks to the built-in dryer and large air tank, the device offers stability and efficiency in everyday industrial applications.



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