



Screw Compressor APS 20 IVR X 10 bar 20 hp/15 kW 410-2000 l/min

Product Images



Additional Information

SKU	369420-IVR
EAN	08712418367072
Length (mm)	1120
Width (mm)	820
Height (mm)	1150
Weight (kg)	320.000000
Workload (labor/rest %)	100/0
Motor power (hp / kW)	20.0 HP / 15.0 kW
Motor efficiency class	IE3
Motor Type	PM Synchroon Motor
Motor protection class	IP55
Drive	Direct driven 1:1
Control panel	MAM-6080
Available languages	English, Dutch, Polish, German
Dryer	No
Air receiver	No
Galvanized tank	No
Maximum pressure (bar)	10
Free air delivery at 8 bar (l/min)	2000
Free air delivery at 10 bar (l/min)	1870
Minimum free air delivery (l/min)	410
Minimum free air delivery (m3/h)	24.6
Maximum free air delivery (l/min)	2000
Maximum free air delivery (m3/h)	120
Noise level dB(A) (0 m)	63
Noise level dB(A) (4 m)	43

Cut-in pressure (bar)	6
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
Variable speed (IVR)	Yes
Minimum rpm 10 bar (rpm)	1220
Maximum rpm 10 bar (rpm/Hz)	2700
Minimum energy consumption 10 bar (kW/m ³ /h)	9.3
Maximum energy consumption 10 bar (kW/m ³ /h)	11.8

Description

An Airpress compressor with great qualities and characteristics. This 15 kW direct-driven screw compressor with permanent magnet motor accounts for a saving in energy consumption of up to 8% compared to an asynchronous motor. Due to the direct coupling between the motor and the screw block, there is also a saving of 2-3% compared to a belt driven machine. The compressor has a WiFi module to remotely monitor and adjust the compressor. The full color touch screen allows the machine to be adjusted very easily per situation. The yield is a maximum of 2000 liters per minute. Because there are panels all around, the machine is very easily accessible. The service interval of 3,000 hours also ensures lower maintenance costs.

This machine is very suitable for medium and large companies that use around 2000 liters per minute on average.

X-series screw compressors

By continuously investing in the development of our products, the Airpress Group presents a new series of screw compressors. The screw compressors are available from 5.5 kW to 37 kW. The APS X series is available in two versions: controlled at a fixed speed or speed. Machines of 15 kW are also available with a two-stage screw block. These versions have an increased performance with the same power consumption as a single-stage version.

Depending on demand, these machines are available as a separate unit, mounted on a tank or mounted on a tank and equipped with a compressed air dryer. Compressors of the X series are characterized by a new generation of screw blocks. The direct drive avoids losses due to the transmission. Reliable and efficient, easy-to-use screw compressors ensure trouble-free operation at minimal costs. Equipped with a modern control panel, you can constantly monitor the screw compressor and change parameters if necessary.

