



Screw Compressor APS 7.5 IVR Combi Dry X 10 bar 7.5 hp/5.5 kW 170-760 l/min 200 l

Product Images



Additional Information

SKU	369957-IVR
EAN	8712418372335
Length (mm)	1450
Width (mm)	670
Height (mm)	1474
Weight (kg)	280.000000
Workload (labor/rest %)	100/0
Motor power (hp / kW)	7.5 HP / 5.5 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	Yes
Dryer voltage (V)	230
Air receiver	Yes
Capacity air receiver (l)	200
Galvanized tank	No
Maximum pressure (bar)	10
Free air delivery at 8 bar (l/min)	760
Free air delivery at 10 bar (l/min)	690
Minimum free air delivery (l/min)	170
Minimum free air delivery (m3/h)	10.2
Maximum free air delivery (l/min)	760
Maximum free air delivery (m3/h)	45.6

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 (m3/h)	2300
Main air connection (")	3/4
Minimum ambient temperature (°C)	10
Maximum ambient temperature (°C)	45
Oilfree	No
Oil capacity (l)	6
Stages	1
Start	Inverter
Voltage (V)	400 V / 50 Hz / 3 Ph
Variable speed (IVR)	Yes
Minimum rpm 10 bar (rpm)	1100
Maximum rpm 10 bar (rpm/Hz)	1960
Minimum energy consumption 10 bar (kW/m3/h)	9.4
Maximum energy consumption 10 bar (kW/m3/h)	10.8

Description

The APS 7.5 IVR Combidry X is a 5.5 kW direct driven screw compressor with variable speed and a yield up to 760 liters per minute. This makes this machine unique and very versatile, especially for small air users who often still use a piston compressor. A permanent magnet synchronous motor makes the machine even more economical, especially in the low revs, so that the efficiency is significantly higher than with an asynchronous motor. Due to the compact design, this machine takes up little space, but it does have a 200-liter compressed air boiler and a cooling dryer. The direct drive ensures a 1 on 1 transfer from the electric motor to the screw block, so that no losses occur. All parameters can be read and adjusted in the menu of the very comprehensive but well-arranged controller which is equipped with a full color touchscreen. This allows the machine to be adjusted per situation for maximum efficiency. The service interval of 3,000 hours also ensures lower maintenance costs. This machine is very suitable for small companies that have variable air take-off but where a silent compressor with dry compressed air is required.

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.

