



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

## Product Images



## Additional Information

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SKU	369407-IVR
EAN	08712418372342
Length (mm)	910
Width (mm)	700
Height (mm)	925
Weight (kg)	200.000000
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	No
Air receiver	No
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 (m <sup>3</sup> /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/m <sup>3</sup> /h)	3.1
Maximum energy consumption 10 bar (kW/m <sup>3</sup> /h)	6.5

## Description

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The Airpress APS 7.5-IVR X is a unique compressor with great qualities and characteristics. This 5.5 kW, directly driven screw compressor has the latest technologies. For example, this machine has a Permanent Magnet motor for optimum energy saving (up to 8% higher than a standard Asynchronous motor) and the compressor has a wifi module to be able to monitor and adjust the compressor remotely. 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. With this, every APS7.5 X IVR can be adjusted per situation for maximum efficiency. All components are easily accessible when the panels are removed during maintenance. The machine has been carefully designed so that fewer parts are maintenance-sensitive and the screw compressor is therefore many times more durable than other brands. The service interval of 3,000 hours also ensures lower maintenance costs.

## 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.

