

LW 720 E



The industrial compressor LW 720 E is suitable for breathing air applications and for large capacities. Low speed ensures continuous operation for long service intervals and reduced maintenance costs. The 4-stage compressor block is mounted on a painted steel panel and is designed for maximum operating pressure of 420 bar. The compressor unit comes fully wired with star/delta start system and includes 2x 2.3 litre breathing air filter console for wall mounting.



LW 720 E with optional ECC control

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Specifications

- » Electro motor (Standard: 400V, 3 phase, 50Hz)
- » Painted steel frame (RAL 6026)
- » Painted steel fan guard (RAL 7004)
- » Automatic condensate drain
- » Automatic stop at final pressure
- » Inclusive a remote control box for wall mounting
- » Main-, Start/Stop- and condensate test buttons, as well as emergency stop switch
- » Hour counter
- » Oil pressure gauge
- » Intermediate pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » High pressure outlet 10 l
- » Motor protection switch
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » Low pressure oil pump and filter
- » Oil- / Water separators in stainless steel
- » Safety valves after each stage
- » 4 concentric suction/pressure valves
- » Filling pressure of your choice (200 or 300 bar)
- » Inclusive 2 x 2.3 l filter console for wall mounting
- » Breathing air purification in accordance to EN 12021

Options

- » Auto start system
- » Oil temperature display with auto shut down
- » Cylinder head temperature monitoring with auto shut down
- » 0.8 ltr. Prefilter (Enlarged the lifetime of the filter by approx. 5 hours)
- » Puracon filter monitoring (Auto shut down also available)
- » ECC control in remote control box
- » Power cable and plug
- » Block heating device
- » 420 bar Version
- » Special voltages / frequencies on request

Technical Data

LW 720 E	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	720 / 43.2 / 25.4
Max. Pressure [bar]:	350 / 420
RPM [1/min]:	1100
No of cylinders / No of stages:	4 / 4
Prime mover type:	E-Motor / 400V / 3 Phase / 50 Hz
Drive power [kW] with 50 Hz / 60 Hz:	18.5 / 22.2
Cooling air req. [m ³ /h] with 50 Hz / 60 Hz:	5550 / 6660
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	4.2
Oil pressure [bar]:	4.0 (+/- 0.5)
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m ³ at +20°C] ¹⁾ :	2400 (at +20°C / approx. 56 h)
Dimensions W x D x H [mm]:	1670 x 770 x 1170
Weight [kg]:	600
Noise level (measured at 1 m) [dB]:	88

¹⁾ In accordance with EN 12021

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