

# LW 720 E



Originally designed for heavy duty industrial applications, the LW 720 E 4 stage compressor is built for extreme situations. The compressor block is mounted on sturdy steel frame with easy access to all components. The slow running compressor guarantees long and reliable service. The unit has been designed for the arduous demands of high volume filling stations with an integrated large capacity breathing air purification module included.

## Specifications

- >> Ready to connect compressor, fully wired with pneumatic/electric compressor control with star/delta start cycle
- >> Operating panel with start/stop and condensation test controls, pressure gauge and hours counter
- >> Automatic condensation drain, pressure free start/stop, leak check and safety valve check test modes
- >> Automatic shut down when the final pressure is reached
- >> Emergency off switch
- >> Sturdy steel frame, powder coated in RAL 6026, steel fan guard in RAL 7004
- >> All pistons with piston rings
- >> Low pressure oil pump and filter
- >> Pressure gauge for each stage
- >> Oil pressure monitoring and automatic shut down for low oil pressure
- >> 4 coaxial suction/pressure valves
- >> Oil/water separators after each stage, safety valve for each stage
- >> Breathing air purification in accordance with EN 12021
- >> HP outlet

## Options

- >> Special voltages/frequencies:
  - 440 V 60 Hz / 230V 50Hz / 230V 60Hz
- >> ECC Controls
- >> Cylinder temperature with auto shut down
- >> Auto start
- >> Oil temperature with auto shut down
- >> Puracon Filter monitoring
- >> 420 bar Version



# Technical Data

LW 720 E	
Type:	Air cooled, reciprocating piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	720 / 43.2 / 25.4
Max. Pressure [bar]:	420 (set at the final stage safety valve)
RPM:	1100
No of cylinders / No of stages:	4 / 4
Bore 1st stage [mm]:	115
Bore 2nd stage [mm]:	5
Bore 3rd stage [mm]:	25
Bore 4th stage (mm)	14
Stroke [mm]:	98
Prime mover type:	3 Phase E-motor 400V / 50Hz
Drive power [kW] / [HP]:	18.5 / 25.0
Cooling air requirement [Nm <sup>3</sup> /h]:	5550
Lubrication type:	Oil pump
Oil capacity [litre]:	4.0
Oil pressure [bar]:	1.8 (+/- 0.3)
Air outlet temperature [°C]:	8 - 10°C above ambient
Filter capacity [m <sup>3</sup> at +20°C] <sup>1)</sup> :	2400
Dimensions L x W x H [cm]:	165 x 76 x 125
Weight [kg]:	590
Noise level [dB]:	88 (measured at 1 m distance)

<sup>1)</sup> In accordance with EN 12021

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