

LW 570 E

„Power pack“

The 570 series compressors are 4 stage piston compressors for large, professional applications. The 11 kW drive delivers an impressive 570 liters/min (20.1 cfm) and the 4 stage construction allows working pressures of up to 420 bar if required. The slow running compressor guarantees long and reliable service.

The unit has been designed for the arduous demands of large filling stations such as city fire departments, large diving schools or hyperbaric facilities.

- ◊ 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, stop button with leak check function, pressure gauge and hours counter
- ◊ Automatic condensation drain, pressure free start/stop
- ◊ Automatic shut down when the final pressure is reached
- ◊ Safety cut off if the cover is opened
- ◊ Sturdy steel frame, powder coated in RAL 6026
- ◊ All pistons with piston rings
- ◊ Low pressure oil pump and filter
- ◊ 4 coaxial suction/pressure valves
- ◊ Oil/water separators after each stage, safety valve for each stage
- ◊ Breathing air purification in accordance with EN 12021, filter capacity 1,200 m³ at 20°C (approx. 35 hrs)
- ◊ Pressure maintaining and non return valve
- ◊ 4 filling hoses and filling valves with cylinder connections and/or HP outlet



Technical Data

LW 570 E

Type: 4 cylinder, 4 stage, air cooled, oil lubricated compressor
Delivery rate: 570 liter/min (34.2 m³/h) 20.1 cfm
Prime mover: 11 kW electric motor 400 V / 3 phase / 50 Hertz ¹⁾
Operating temperature: +5°C - +50°C
Operating pressure: 350 bar (420 bar version available)
Cooling air requirement: 3,300 m³/h
Oil capacity/pressure: 2.5 liter, 1.8 bar (+/- 0.3 bar)

Compressor speed: 1100 RPM
Dimensions: L x W x H (mm) 1230 x 680 x 1000
Weight: 310 kg
Noise level: 83 dB(A) 1m distance

¹⁾ other specs available