

LW 570 ES

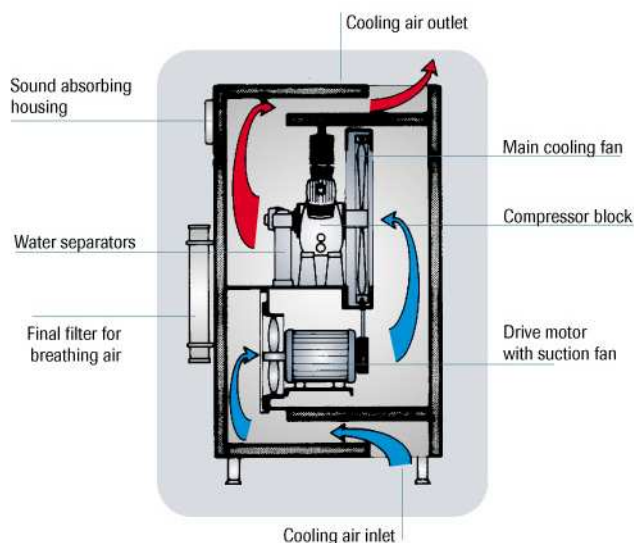
Large capacity, low noise!

The 570 ES is a 4 stage piston compressor for large, professional applications. The unit is housed in a compact sound insulated housing with unprecedented noise emission levels. Despite the 11 kW drive, the unit 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 volume filling stations in mixed residential/industrial areas, or where people are working and need high performance but at low noise levels.

Features:

- ◊ 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
- ◊ Switches cut the compressor off if a door is opened
- ◊ Emergency off switch
- ◊ Sturdy steel frame and sound isolated housing, powder coated in RAL 6026
- ◊ All pistons with piston rings
- ◊ Low pressure oil pump and filter
- ◊ Two inspection panels for service access
- ◊ 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
- ◊ HP outlet



Technical Data

LW 570 ES

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/hr.
Oil capacity/pressure: 2.5 liter, 1.8 bar (+/- 0.3 bar)

Compressor speed: 1100 RPM
Dimensions: D x W x H (mm) 950 x 810 x 1680
Weight: 370 kg
Noise level: 64 dB(A) 1m distance