

LW 280 E Compact



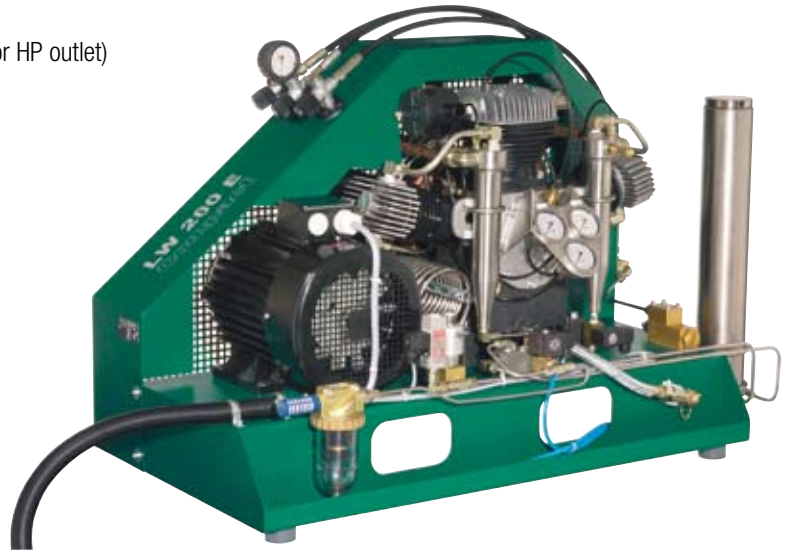
Based around the reliable 280 block, this unit has been designed as a basic compressor which can then be customised with optional extras to meet individual requirements or budgets. The compact design also makes it a favourite choice for limited space installations such as on boats. The LW 280 E Compact is supplied with 1 filling hose, up to 3 can be fitted to the unit, or a high pressure outlet for external filling panels.

Specifications

- >> Fully wired compressor ready to connect with star/delta start cycle, hours counter
- >> Steel base and fan belt guard, powder coated in RAL 6026
- >> All pistons with piston rings
- >> 3 coaxial suction/pressure valves
- >> Low pressure oil pump and filter
- >> Oil/water separators after each stage, safety valve for each stage
- >> Breathing air purification in accordance with EN 12021
- >> Pressure maintaining and non-return valve
- >> 1 Filling hose and filling valve (max. 3 filling hoses and/or HP outlet)

Options

- >> Additional filling hose(s)
- >> Automatic Stop at final pressure
- >> Automatic condensation drain
- >> 200/300 bar switch over device
- >> Motor protection switches
- >> Special voltages/frequencies:
440 V 60 Hz / 230V 50Hz / 230V 60Hz
- >> Oil pressure monitoring with auto shut down
- >> Oil pressure gauge and inter stage pressure gauges
- >> Puracon Filter monitoring



Technical Data

LW 280 E Compact	
Type:	Air cooled, reciprocating piston compressor
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	280 / 16.8 / 9.9
Max. Pressure [bar]:	350 (set at the final stage safety valve)
RPM:	1300
No of cylinders / No of stages:	3 / 3
Bore 1st stage [mm]:	95
Bore 2nd stage [mm]:	40
Bore 3rd stage [mm]:	18
Stroke [mm]:	44
Prime mover type:	3 Phase E-motor 400V / 50Hz
Drive power [kW] / [HP]:	7.5 / 10.0
Cooling air requirement [Nm ³ /h]:	2250
Lubrication type:	Oil pump
Oil capacity [litre]:	1.8
Oil pressure [bar]:	1.8 (+/- 0.3)
Air outlet temperature [°C]:	8 - 10°C above ambient
Filter capacity [m ³ at +20°C] ¹⁾ :	900
Dimensions L x W x H [cm]:	110 x 60 x 98
Weight [kg]:	195
Noise level [dB]:	83 (measured at 1 m distance)

¹⁾ In accordance with EN 12021

Lenhardt & Wagner GmbH

Bensheimer Strasse 100

64653 Lorsch/Germany

Telefon: +49 (0)62 51 - 10 74 -0

Telefax: +49 (0)62 51 - 10 74 -14

eMail: info@lw-compressors.com