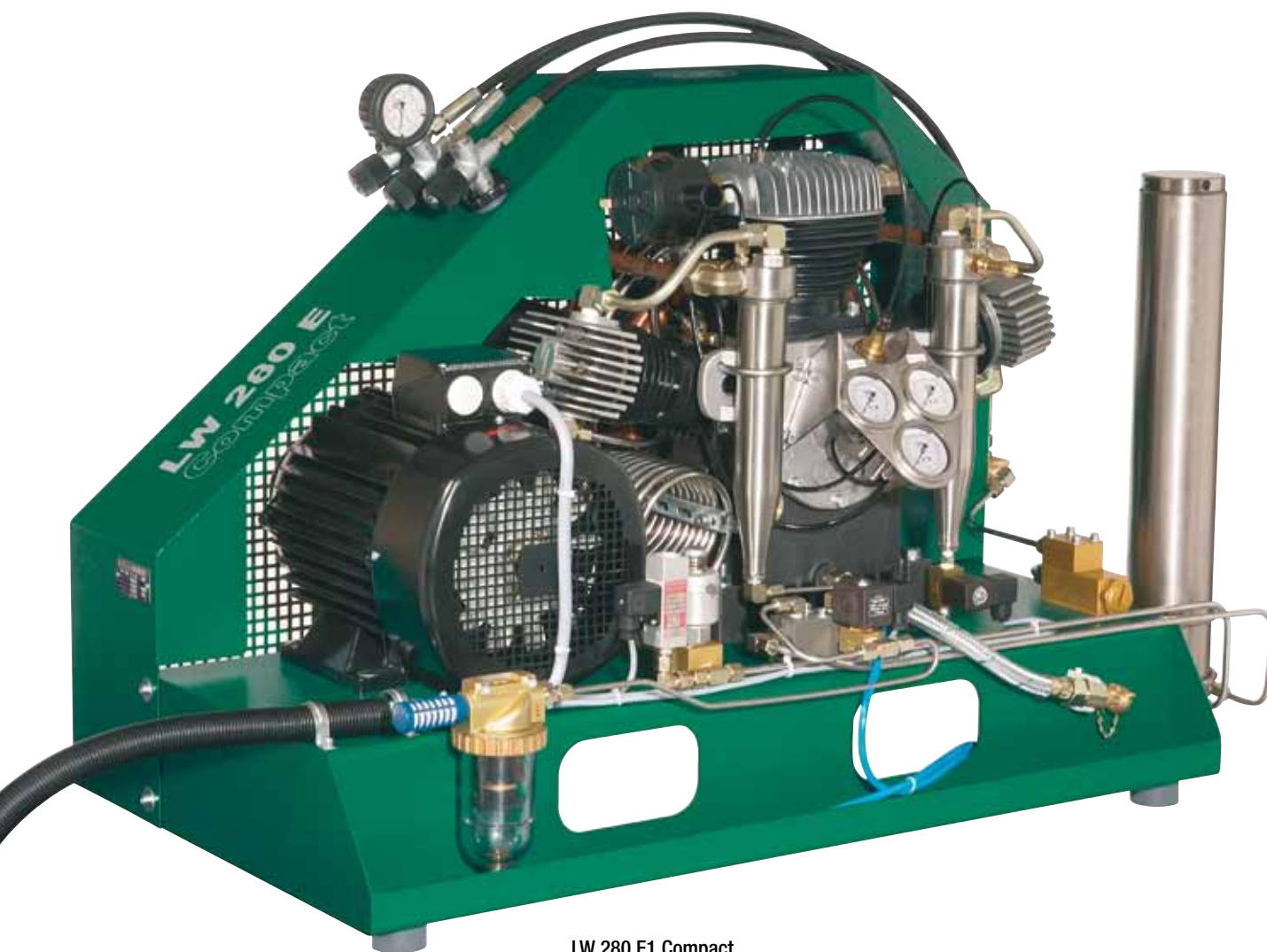


LW 280 E1 Compact



The Compact series is ideal for dive centers, ships and boats with limited space. Based on our 280 blocks, these compressors can be equipped individually and used as stationary system. They come fully wired with star/delta start system.



LW 280 E1 Compact

With options auto drain, auto stop, oil pressure and inter-stage pressure gauges and 2 extra filling hoses.

Official distributor of Lenhardt and Wagner:



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LW 280 E1 Compact



Specifications

- » Electro motor (E-Motor / 230V / single phase / 50Hz)
- » Painted steel frame and fan belt guard (RAL 6026)
- » Hour counter
- » Start/ Stop and emergency stop switch
- » Manual condensate drain
- » 1x Filling hose c/w filling valve
- » 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
- » 3x concentric suction/pressure valves
- » Filling pressure to your choice (200 or 300 bar)
- » Connections to your choice
(DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- » Breathing air purification an accordance to EN 12021

Options

- » Automatic condensate drain
- » Automatic stop at final pressure
- » Auto start system
- » 200 and 300 bar parallel filling pressures
- » Oil pressure gauge and intermediate pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » Cylinder head temperature monitoring with auto shut down
- » Puracon filter monitoring (Auto shut down also available)
- » Phase monitoring c/w shut down at wrong direction of rotation
- » Additional high pressure outlet
- » Power cable and plug
- » Special voltages / frequencies on request

Technical Data

LW 280 E1 Compact	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	280 / 16.8 / 9.9
Max. Pressure [bar]:	350
RPM [1/min]:	1300
No of cylinders / No of stages:	3 / 3
Prime mover type:	E-Motor / 230V / single phase / 50Hz
Drive power [kW] / [HP]:	7.5 / 10.0
Cooling air requirement [Nm ³ /h]:	2250
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	1.8
Oil pressure [bar]:	0.6 - 4.0
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m ³ at +20°C] ¹⁾ :	900 (at +20°C / approx. 54 h)
Dimensions L x W x H [cm]:	120 x 60 x 90
Weight [kg]:	205
Noise level [dB]:	83 (measured at 1 m)

¹⁾ In accordance with EN 12021