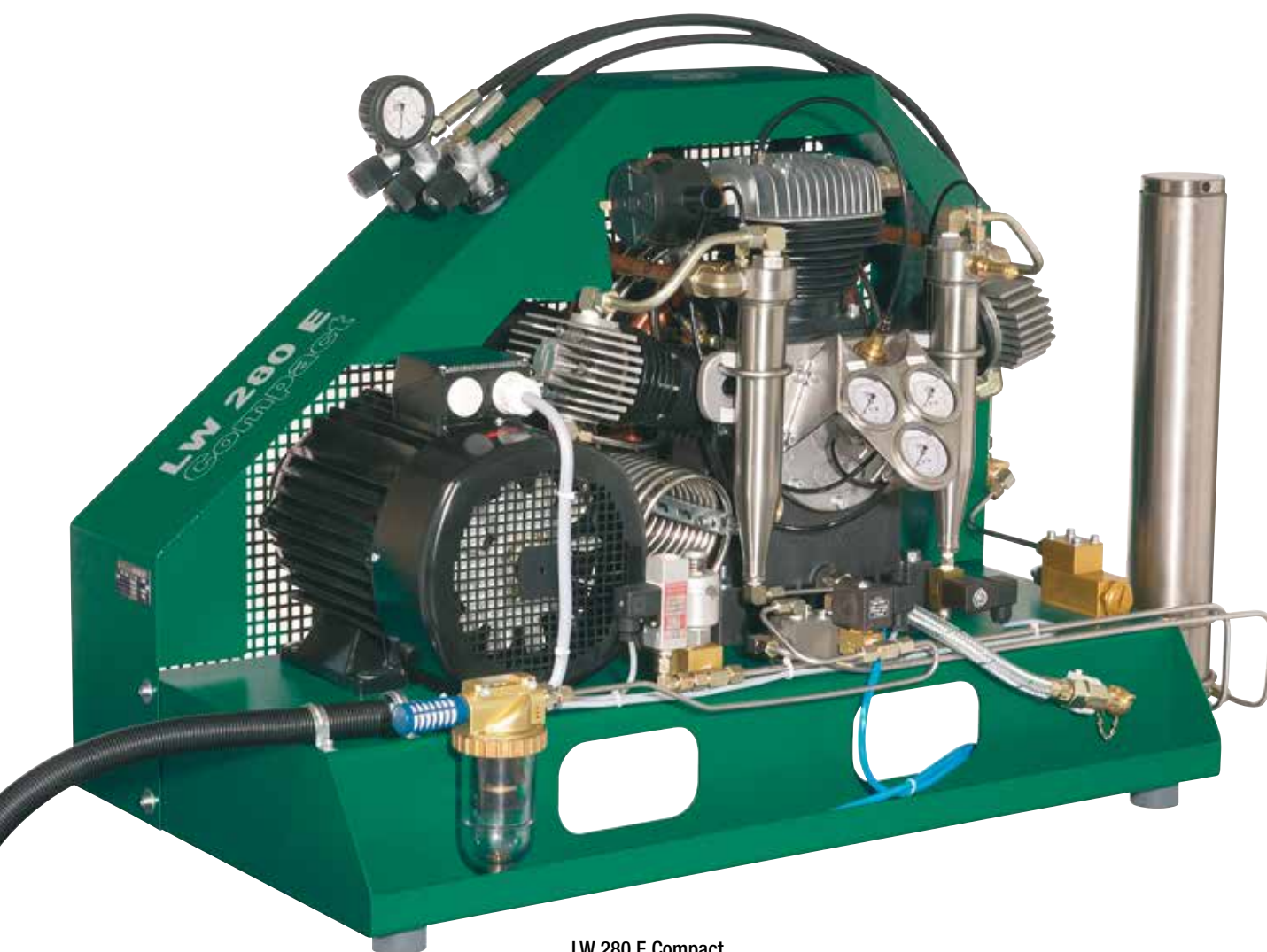


# LW 280 E Compact



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 E Compact

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

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# LW 280 E Compact



## Specifications

- » Electro motor (E-Motor / 400V / 3 Phase / 50 Hz)
- » Powder coated steel frame and fan belt guard (RAL 6026)
- » Hour counter
- » Start/ Stop and emergency stop switch
- » Phase monitoring c/w shut down at wrong direction of rotation
- » 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
- » 0.8 ltr. Prefilter (Enlarged the lifetime of the filter by approx. 5 hours)
- » Puracon filter monitoring (Auto shut down also available)
- » Additional high pressure outlet
- » Power cable and plug
- » Special voltages / frequencies on request

## Technical Data

| LW 280 E Compact  |                                  |
|---|----------------------------------|
| Type:   | Air cooled piston compressor     |
| Capacity [litre/min] / [Nm <sup>3</sup> /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 / 400V / 3 Phase / 50 Hz |
| Drive power [kW] with 50 Hz / 60 Hz:                      | 7.5 / 9.0                        |
| Cooling air req. [m <sup>3</sup> /h] with 50 Hz / 60 Hz:  | 2250 / 2700                      |
| 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 <sup>3</sup> at +20°C] <sup>1)</sup> : | 900 (at +20°C / approx. 54 h)    |
| Dimensions W x D x H [mm]:                                | 1200 x 600 x 900                 |
| Weight [kg]:  | 205                              |
| Noise level (measured at 1 m) [dB(A)]:                    | 83                               |

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

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