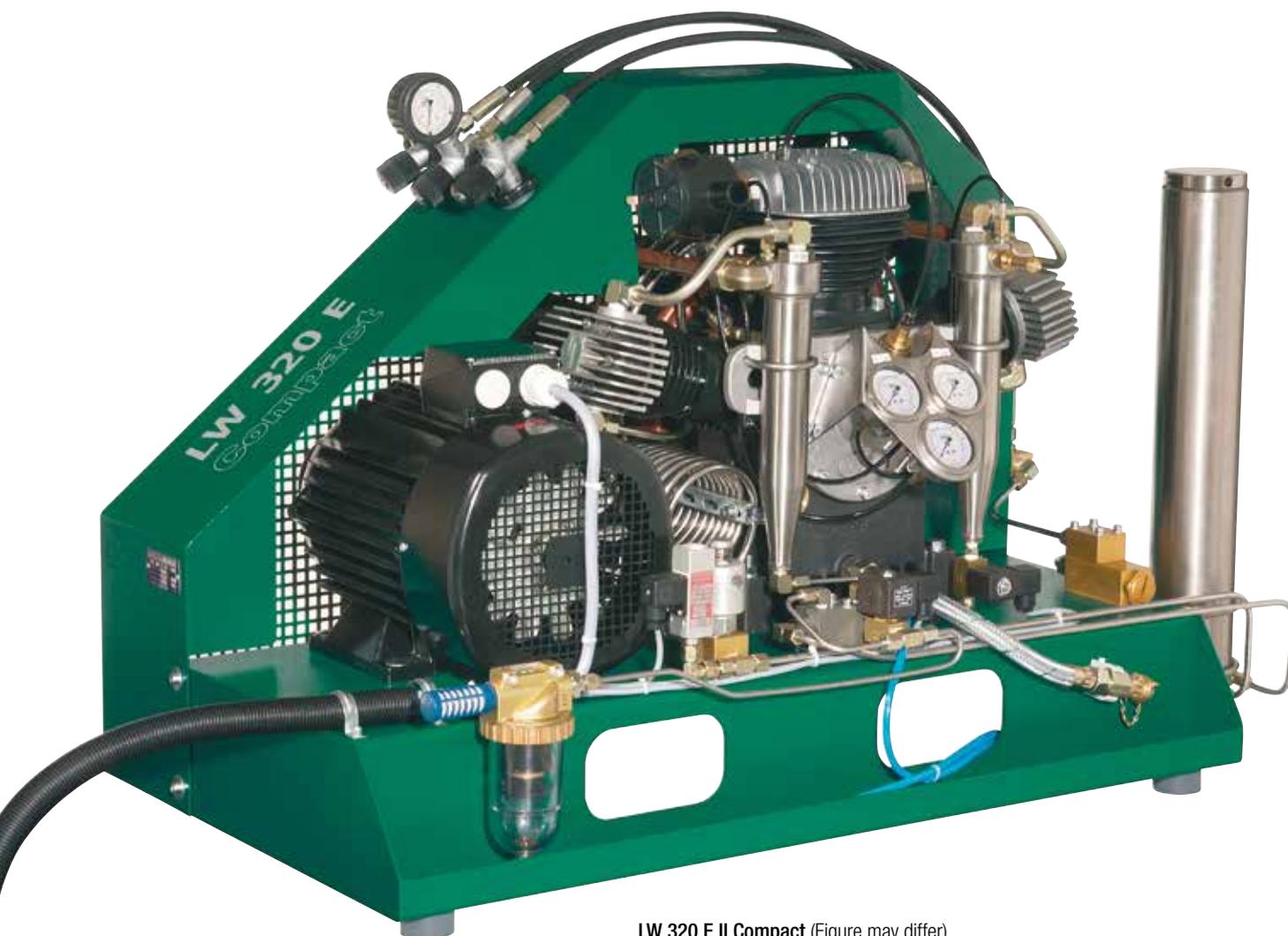


# LW 320 E II Compact



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 320 E II Compact** (Figure may differ)

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

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# LW 320 E II 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 (e.g. direction of rotation)
- » Motor protection switch
- » Manual condensate drain
- » By your choice 1x filling hose c/w cross design valve or high pressure outlet incl. 1,500 mm high pressure hose
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » Improved lubrication system with adjustable oil pump
- » Low pressure oil pump with oil sieve
- » 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 c/w condensate collection tank with venting silencer
- » 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
- » Oil temperature monitoring c/w auto shut down
- » Cylinder head temperature monitoring with auto shut down
- » 0.8 l Prefilter (Enlarged the lifetime of the filter by approx. 5 hours)
- » Puracon filter monitoring
- » Additional high pressure outlet
- » Remote Pro Control - RPC
- » Up to 3x additional filling hose c/w cross design filling valve
- » Power cable and plug
- » Special voltages (230 to 690 V) and frequencies (60 Hz) on request



**NEW** - Adjustable oil pump with oil sieve

## Technical Data

LW 320 E II Compact	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	320 / 19.2 / 11.3
Max. Pressure [bar]:	350
RPM [1/min]:	1450
No of cylinders / No of stages:	3 / 3
Prime mover type:	E-Motor / 400V / 3 Phase / 50 Hz
Drive power [kW]:	7.5
Cooling air req. [m <sup>3</sup> /h]:	2250
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	1.8
Oil pressure [bar]:	1.8 (+/- 0.3)
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. 46 h)
Dimensions W x D x H [mm]:	1200 x 600 x 900
Weight [kg]:	195
Noise level (measured at 1 m) [dB(A)]:	83

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

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