

**NEW!**

# LW 450 ES II



The new generation of breathing air compressors LW 300 ES II / LW 450 ES II is characterized by its robust and powerful design. The improved sound insulation is ideal for being used in commercial and sales areas, as well as in mixed residential and industrial buildings.

A novel drainage system includes a 10 litre condensate collection tank as well as a highly efficient pre-separator unit which improves lifetime of the filter cartridge considerably.

Innovative condensate valves limits the pressure drop during the condensation drain cycle, the efficiency is thereby improved. L&W offers highest reliability at best value for money.

Compressors



- 1** NEU - Highly efficient Pre-separator
- 2** NEU - Maintenance door on both sides
- 3** NEU - Venting Silencer
- 4** NEU - 10 Litre Condensate Tank

**NEW!**

# LW 450 ES II



## Specifications

- » Electro motor (E-Motor / 400V / 3 Phase / 50 Hz)
- » Painted steel housing (RAL 6026)
- » Sound insulated housing
- » Automatic condensate drain
- » Automatic stop at final pressure
- » Hour counter
- » Operating panel with start/stop and condensate test button, as well emergency stop switch
- » Motor protection switch
- » Safety switch
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » 3 x concentric suction/pressure valves
- » Low pressure oil pump and filter
- » Oil- / Water separators in stainless steel
- » Safety valves after each stage
- » **NEW** - High pressure pre-separator (Volume: 0.8 Litre)
- » **NEW** - Condensate-Stop-Valve
- » **NEW** - 10 Litre Condensate tank with venting silencer
- » **NEW** - Maintenance door on both sides
- » High pressure outlet with 1500 mm hose
- » 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

- » Auto start system
- » Up to 6 additional hoses available
- » 200 and 300 bar parallel filling pressures
- » Oil pressure gauge
- » Intermediate pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » Cylinder head temperature monitoring with auto shut down
- » Oil temperature display with auto shut down
- » Puracon filter monitoring (Auto shut down also available)
- » ECC control
- » Phase monitoring c/w shut down at wrong direction of rotation
- » Power cable and plug
- » Special voltages / frequencies on request

## Technical Data

LW 450 ES II	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	450 / 27.0 / 15.9
Max. Pressure [bar]:	350
RPM [1/min]:	1100
No of cylinders / No of stages:	3 / 3
Prime mover type:	E-Motor / 400V / 3 Phase / 50 Hz
Drive power [kW] / [HP]:	11.0 / 15.0
Cooling air requirement [Nm <sup>3</sup> /h]:	3300
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	2.2
Oil pressure [bar]:	1.5 (+/- 0.2)
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. 33 h)
Dimensions L x W x H [mm]:	975 x 1260 x 1800
Weight [kg]:	450
Noise level [dB]:	64 (measured at 1 m)

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

Official distributor of Lenhardt and Wagner:



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