

## LW Air Cooler +3 °C

### „Extend the filter duration“

Filter capacity and filter life, an important theme with financial implications for professional filling stations where cost control is vital. The life of a filter is strongly influenced by the running temperature of the compressor and ambient temperature, Example: **LW 450 E** at 20° C outlet temperature has a filter life of approx. 33 hrs, at 35 °C this time is reduced to just 10 hours!

If the air is cooled down to +3 °C after the final compression stage and before it enters the purification filter, the life of the filter cartridge can be extended up to 6 times, in extreme tropical humid conditions 10 times! The L&W refrigeration dryers, named **Air Coolers**, can pay for themselves within 1 season in saved filter cartridge costs. To monitor the exact state of the filter and register when the cartridge needs changing, we recommend the **L&W Puracon** moisture controller. (page 29).

The coolers are available as independent units with water separators, automatic condensation drain with timer and silencer, or as the economical **LW Air Cooler BASIC** for connection to a compressor with final stage oil/water separator and drain.

### Features:

- ◊ Ready to connect with oil/water separator automatic condensation drain and silencer (Basic version without separator, drain and silencer)
- ◊ Digital temperature display in °C
- ◊ Steel housing, powder coated in RAL 6026
- ◊ Power supply cable for 230V 50hz. connection and CE plug (60 hz versions available)

LW Air Coolers are available in 2 pressure ratings, max 250 bars and max. 350 bars. The basic units have a max. working pressure of 450 bar. The units up to and including 1950 liters/min capacity are for wall mounting, the larger units are free standing. The units are maintenance free with environment friendly CFC-free refrigeration fluids.



LW AC 450-1950

### Technical Data

Capacity Liters/min	Power Watts	Cooling air flow m <sup>3</sup> /hour	Width mm	Depth mm	Height mm	Weight kg
450	170	225	500	250	800	36
900	220	225	500	250	800	40
1350	330	290	500	250	800	47
1950	390	390	500	250	800	56
2850	420	390	550	800	1000	106
3650	580	450	550	800	1000	118
5400	700	900	550	800	1000	136