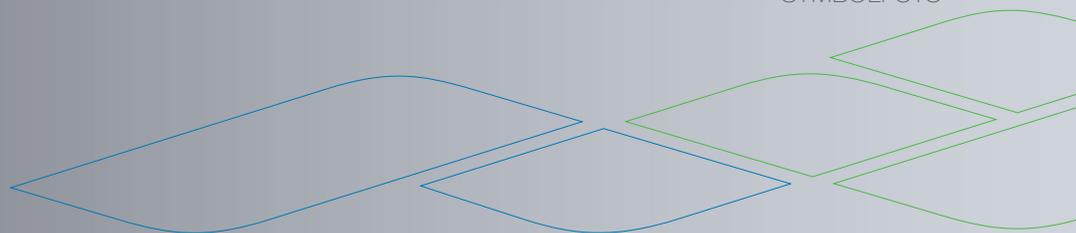




HOT WATER
SOLUTIONS
LW 640 L • R • E

SYMBOLFOTO



HOT WATER HEATING. MADE BY NEURA.

NEURA provides a wealth of innovative solutions for water heating tailored to your individual requirements and wishes. Hidden energy sources in your house serve as cost-effective hot water suppliers.

Interior air as an energy source - Type L

The heat from basement or machine rooms – often also heat put out by appliances, for example from the freezer or washer-drier – serve as energy suppliers for the NEURA Type L hot water heat pump. Due to the direct condensation and novel rotary piston compressor technology, the water temperature reaches 65°C. In addition the room air is significantly dried which is not only good for the wet laundry but also for the basement walls, which are often damaged by condensation.

Heating return as an energy source - Type R

The Type R hot water heat pump manages entirely without machine and basement rooms and without installation work. This new technology uses the residual heat in the heating return from the flooring. A pleasant side effect of this system is that the heat pump counteracts the heating of rooms in the summer caused by solar radiation.

Ground as an energy source - Type E

The ground in the garden with its store of solar energy is also an excellent provider of heat. For the Type E hot water heat pump, a dedicated copper thermal energy absorber is laid in the garden and connected with the hot water boiler.



HIGHLIGHTS

- Independent from the existing heating - this saves energy and installation costs
- Hot water temperatures of 65 °C are reached - this provides optimum protection against legionella bacteria
- High power number through rotary compressor technology and direct evaporation (COP up to 4.1 *)

TECHNICAL DATA

	LW 640 L	LW 640 R	LW 640 E
Heating output [kW]	2,11	2,18	1,52
Input power [kW]	0,51	0,53	0,45
Nominal voltage [V/Hz]	230/50	230/50	230/50
Compressor type	Rotary piston	Rotary piston	Rotary piston
Refrigerant type	R 134a	R 134a	R 134a
Max. hot water temp. [°C]	65	65	65

*) Test points: LW 640 L = L15/W45 - LW 640 R= W20/W45 - LW 640 E = E4/W45