

## AIR/WATER HEAT EXCHANGERS SERIE **LWS** SERIES

. . . for horizontal installation in the switch cabinet base

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With the intention of offering new and more efficient air/water heat exchangers for switch cabinet cooling in 1999 we were the first manufacturer to develop units for assembly in the cabinet base. The **LWS** range came into being and the success of this design has been undaunted right up to today.

With this range, current thermal output up to 4.0 kW per unit can be dissipated. Depending on the width of the switch cabinet several units can also be installed.

### Characteristics of the standard design:

#### DESIGN

- Space-saving air-conditioning by using the switch cabinet base
- Strong and uniform cooling air current through the entire switch cabinet
- High cooling capacity in a compact space
- Complete water circuit in the cabinet base results in maximum operational safety
- No change to aesthetics, no projecting components on the switch cabinet

#### FUNCIONAL PRINCIPLE

The heated switch cabinet air is sucked via the intermediate space formed by the assembly plate and rear wall at the very top out of the housing and is supplied to the through-flowing heat exchanger. The cooled air is blown from the bottom in front of the assembly plate back up to the top in the switch cabinet. The natural convection of the heated, rising air supports this process to great advantage.



LWS 1000



LWS 1200



LWS 2000

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