

The Tireless One

IMMERSION COOLER ERK



- For installation in a tank
- Stainless steel tube-coil immersion heat-exchanger
- Compact



You can find all product information on our website.

VERSIONS

MODEL	COOLING CAPACITY* in kW	RATED POWER in kW	MAX. CURRENT in A	HOUSING DIMENSIONS l x w x h in mm
ERK 30	3,0	1,8	3,5	700 x 700 x 1200
ERK 60	6,0	3,5	6,0	
ERK 90	9,0	3,8	6,5	
ERK 120	12,0	6,0	14,0	900 x 900 x 1500
ERK 150	15,0	8,0	16,0	
ERK 200	20,0	12,0	23,0	
ERK 250	25,0	14,0	25,5	
ERK 300	30,0	14,0	30,0	1500 x 900 x 1500
ERK 400	40,0	17,0	34,0	
ERK 500	50,0	19,0	37,5	
ERK 600	60,0	21,0	40,5	2200 x 900 x 1500
				2650 x 900 x 1550

* Cooling capacity at an 32 °C ambient temperature and a 25 °C medium inlet temperature for oil with a viscosity of 20 mm²/s at 40 °C. Capacity data for other media on request. Other cooling capacities on request.

Technical changes and mistakes are reserved.

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HOFFMANN Immersion Coolers DRK are entry level models for cooling all kinds of pre-filtered and slightly soiled fluids. They are mounted on a cooling lubricant tank, with no need for additional space. The Immersion Coolers are comprised for a housing and a stainless steel tube-coil evaporator (1.4301) underneath, which is immersed into the fluid to be cooled. The evaporator is low maintenance and easy to clean. A circulation pump is standard with all immersion coolers allowing better heat transfer. Waste heat is vented into ambient air via an air-cooled condenser. The coolant temperature is adjustable, with accuracies of +/- 1 K. Standard **HOFFMANN Immersion Coolers** are designed for ambient temperatures of up to + 40 °C.

Areas of application

e.g.

- Grinding, drilling and hydraulic oils
- Emulsions
- Water
- Other fluids

Advantages

- Little space required
- High efficiency
- Stainless steel tube-coil evaporator
- High-quality components from leading manufacturers
- Product of quality - MADE IN GERMANY

Options

- Split system version
- Outdoor installation of the cooler
- Water-cooled condensers
- Higher ambient temperatures - up to 50 °C - tropical version
- Version with increased efficiency; e.g. with frequency-controlled compressors
- Accuracy of regulation adjustable to +/- 0,5 K
- Choice of housing colour (RAL)
- Special voltages
- Special and customer specifications can be accommodated
- Other options possible

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