

Heat Exchanger Unit with circulation pump (industrial plastic material). Housing, atmospheric open expansion tank and heat exchanger. For externally closed applications.

**Technical data according to DIN 12876**

Operating temperature range	(5)...(80) °C
Safety classification	Class I / NFL
Cooling power with delta T 5K <sup>1</sup>	0,28 kW
Cooling power with delta T 10K <sup>1</sup>	0,48 kW
Cooling power with delta T 15K <sup>1</sup>	0,65 kW
Cooling power with delta T 20K <sup>1</sup>	0,8 kW
Pressure pump	
max. delivery	8 l/min
max. delivery pressure	0,2 bar
Pump connection	M16x1 male
max. permissible kin. viscosity	50 mm <sup>2</sup> /s
Overall dimensions WxDxH **	280x398x387 mm
Net weight	18 kg
Power supply requirement	230V 1~ 50/60Hz
max. current	0,8 A
min. Fuse (1 phase)	10A
max. Fuse (1 phase)	16A
Degree of Protection	IP20
max. ambient temperature	40 °C
min. ambient temperature	5 °C

**Order-No.: 3011.0008.99**

**from Serial-No.: 152518 1.0/12**

Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.

Output data valid for: the given temperature difference Delta T<sup>1</sup> between environment temperature 20 °C and return temperature.

In accordance with EN60034-1 the following voltage and frequency tolerances are valid:

Voltage + / - 10%, as long as the frequency tolerance does not run in the opposite direction.

Example: -10% voltage and + 3% frequency -> not allowed !

-10% voltage and -3% frequency -> allowed.

Information to Electromagnetic compatibility:

Classification (disturbance) to EN55011: Class A, Group 1

Special Case: Acetone and Polyglycol: The plastic pump is not resistant against acetone and polyglycols (depending on the manufacturer).

It is recommended that water is mixed with either glysantine or ethylene glycol for freeze protection. A more resistant plastic is available on request at an additional cost.

\*\* Please respect space requirements. See operating conditions at [www.huber-online.com](http://www.huber-online.com)