

## Air/water heat exchangers

ISO 9001:2015  
certified Quality Management System



### Main features

- Available in three power ratings.
- Bronze circulation pump.
- Tank equipped with top-up system and sight level.
- High efficiency heat exchangers.
- Low-noise axial fans.
- Protective metal frame made of S235 steel painted with epoxy powder and with a semi-gloss textured effect (AWEX 7.5 model with a polished effect).
- Reduced dimensions.
- Hydraulic circulation without ferrous materials.

### Accessories

- Water flow switches with fixed settings for water flow control and malfunction signal setup.
- Water filters.
- High head circulation pumps. (\*)
- Mechanical fan control thermostat. (\*)
- Pressure gauges. (\*)
- Remote malfunction signal of the chiller. (\*)
- Electric connectors upon client's request. (\*)
- Special power supply voltages. (\*)
- Non-polluting hydraulic circulation with special fittings. (\*)
- Hydraulic fittings for food use. (\*)

(\*) only available for AWEX 16 and AWEX 16 S models

*AWEX air/water heat exchangers are the ideal solution for water cooling in applications which do not require operating temperatures lower than the ambient temperature (cooling of spindles, cooling of welding, ...).*

*The heat exchange occurs between the ambient air and the fluid that is conveyed into the exchanger and it is cooled by the fan-forced air.*

*The main advantages of the AWEX range are reduced dimensions, a good quality/price relationship and easy maintenance.*

*The skills and the experience gained by Euro Cold during its over 30 years of experience in the field are at your disposal.*

*Our power is our ability to respond to the needs of mechanical and industrial systems' manufacturers which are rapidly and constantly changing.*

*Do not hesitate to contact us in order that we may provide you with the most adequate solution to your specific temperature control needs.*

## Technical data

MODEL		AWEX			
		7.5	16	16 S	
Nominal cooling capacity (*)	<b>W</b>	1080	2040	3170	
Nominal cooling capacity (**)	<b>W</b>	2450	4590	7133	
Power supply		230V / 1ph / 50-60Hz	230V / 1ph / 50Hz		
Fan	Air flow	<b>mc/h</b>	340	800	960
	Max. absorbed power	<b>W</b>	Powered by the pump motor	83	80
Heat exchanger		Air cooled heat exchanger (copper/aluminium)			
Pump (***)	Head	<b>l/min</b>	1 - 8	1 - 9	1 - 9
		<b>bar</b>	3.5 - 0.8	3.3 - 0.5	3.3 - 0.5
	Max. absorbed power	<b>W</b>	220 (50Hz)	220 (50Hz)	220 (50Hz)
Thermoplastic tank (nom. capacity)	<b>l</b>	5	8	8	
Noise level (at 1 m distance)	<b>db (A)</b>	65	65	65	
Frame colour		RAL 9005	RAL 1013		
Frame type		AWEX 7.5	AWEX 16	AWEX 16 S	

Technical drawings available in the **DOWNLOAD** area of our Web site

## Weights & dimensions

Weight (approx.)	<b>kg</b>	13	27	28
Packaging weight (approx.)	<b>kg</b>	23	32	33
Dimensions (W x D x H)	<b>mm</b>	520 x 350 x 240	520 x 250 x 680	520 x 310 x 680
Dimensions (W x D x H) (****)	<b>mm</b>	690 x 590 x 700		

## Notes

(\*) Reference values: air +32°C, water +40°C

(\*\*) Reference values: air +32°C, water +50°C

(\*\*\*) Flow rate referred to pure water

(\*\*\*\*) Standard packaging: cardboard box placed on pallet

Minimum and maximum temperature of inlet fluid: +10 / +60°C

Maximum and minimum ambient temperature: from +5 to +50°C

Maximum and minimum ambient relative humidity (without condensation): from 10 to 85%

Maximum ambient altitude: 2000 m

Minimum and maximum stocking temperature: from +5 to +45°C

Hydraulic connections: see technical drawings available in the **DOWNLOAD** area of our website

All measures on technical drawings are in millimetres unless otherwise specified

AWEX 7.5 model can be positioned both horizontally and vertically

*EURO COLD reserves the right to carry out modifications without prior notice*