

Air/water heat exchangers

ISO 9001:2008 & 10014:2007
certified Quality Management System



Main features

- Available in 3 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 25 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 (*)	W	1080	2040	3170	
Nominal cooling capacity (**)	W	2450	4590	7133	
Power supply		230V / 1ph / 50-60Hz	230V / 1ph / 50Hz	230V / 1ph / 50Hz	
Fan	Air flow	mc/h	340	800	960
	Max. absorbed power	W	Powered by the pump motor	83	80
Heat exchanger		Air cooled heat exchanger (copper/aluminium)			
Pump (***)	Flow rate	l/min	1 - 8	8 - 30	8 - 30
	Head	bar	3.5 - 0.8	3 - 0.5	3 - 0.5
	Max. absorbed power	W	300 (60Hz)	550	550
Thermoplastic tank (nom. capacity)	l	5	8	8	
Noise level (at 1 m distance)	db (A)	65	65	65	
Frame colour		RAL 9005	RAL 1013	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.)	kg	13	27	28
Packaging weight (approx.)	kg	18	32	33
Dimensions (W x D x H)	mm	513 x 345 x 231	520 x 240 x 675	520 x 310 x 675
Dimensions (W x D x H) (****)	mm	550 x 400 x 280	690 x 400 x 280	690 x 400 x 280

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

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