

AWEX

AIR/WATER HEAT EXCHANGERS



**FLUID
COOLERS**
FOR MACHINE
MANUFACTURERS

ISO 9001:2015
certified Quality
Management System

MADE IN ITALY



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.

MAIN FEATURES

- 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.
- 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



TECHNICAL DATA

		AWEX		
MODEL		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	
Fan	Air flow mc/h	340	800	1200
	Max. absorbed power W	Powered by the pump motor	83	115
Heat exchanger		Air cooled heat exchanger (copper/aluminium)		
Pump (***)	Flow rate l/min	1 - 8	1 - 9	
	Head bar	3.5 - 0.8	3.3 - 0.5	
	Max. absorbed power W	220 (50Hz)		
Thermoplastic tank (nom. capacity) l		5	8	
Noise level (at 1 m distance) db (A)		65		
Frame colour		RAL 9005	RAL 1013	
Frame type (****)		AWEX 7.5	AWEX 16	AWEX 16 S
WEIGHTS & DIMENSIONS				
Empty weight (approx.) kg		18	25	27
Packaging weight (approx.) kg		25	33	33
Dimensions (W x D x H) mm		520 x 350 x 240	520 x 250 x 680	520 x 310 x 680
Packaging dimensions (W x D x H) (****) mm		755 x 630 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.

(****) Technical drawings of structures available for download in the DOWNLOAD area of our website.

(*****) 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 +50°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.



EURO COLD srl (Headquarters)
Via Aldo Moro, 11/E - 41030 Bomporto (MO) Italy
Tel. +39.059.817.8138 - Fax +39.059.817.0482
info@eurocold.it - eurocold@hersypec.it
www.eurocold.it

EURO COLD C.S. GmbH
Im Speiterling 12 - Kelttern 75210, Germany
Tel. +49.7236.981.048 - Fax +49.7236.981.113
vertrieb@eurocold.de
www.eurocold.de

