

# 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 35 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 and circulation pumps. (\*)
- Mechanical fan control thermostat. (\*)
- High-temperature alarm. (\*)
- Rubber feet. (\*)
- Electric connectors upon client's request. (\*\*)
- Special power supply voltages. (\*\*)

(\*) only available for AWEX 16P model.

(\*\*) available for both models.



## TECHNICAL DATA

		AWEX	
MODEL		7.5	16P
Nominal cooling capacity (*) <b>W</b>		1080	3170
Nominal cooling capacity (**) <b>W</b>		2450	7133
Power supply		230V / 1ph / 50-60Hz	230V / 1ph / 50Hz
Fan	Air flow <b>mc/h</b>	340	1200
	Max. absorbed power <b>W</b>	Powered by the pump motor	
Heat exchanger		Air cooled heat exchanger (copper/aluminium)	
Pump (***)	Flow rate <b>l/min</b>	1 - 8	1 - 9
	Head <b>bar</b>	3.5 - 0.8	3.3 - 0.5
	Max. absorbed power <b>W</b>	220 (50Hz)	
Thermoplastic tank (nom. capacity) <b>l</b>		5	8
Noise level (at 1 m distance) <b>db (A)</b>		65	
Frame colour		RAL 9005	RAL 7035
Frame type (****)		AWEX 7.5	AWEX 16P
<b>WEIGHTS &amp; DIMENSIONS</b>			
Empty weight (approx.) <b>kg</b>		18	27
Packaging weight (approx.) <b>kg</b>		25	33
Dimensions (W x D x H) <b>mm</b>		520 x 350 x 240	520 x 250 x 650
Packaging dimensions (W x D x H) (*****) <b>mm</b>		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.

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



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