

## 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 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         |            |            |
| Fan                                | Air flow            | mc/h   | 340                       | 800        | 960        |
|                                    | Max. absorbed power | W  | Powered by the pump motor |            |            |
| Heat exchanger                     |                     | Air cooled heat exchanger (copper/aluminium) |                           |            |            |
| Pump (***)                         | Head                | l/min  | 1 - 8                     | 1 - 9      | 1 - 9      |
|                                    |                     | bar  | 3.5 - 0.8                 | 3.3 - 0.5  | 3.3 - 0.5  |
|                                    | Max. absorbed power | W  | 220 (50Hz)                | 220 (50Hz) | 220 (50Hz) |
| 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                  |            |            |
| 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 | 23              | 32              | 33              |
| Dimensions (W x D x H)        | mm | 520 x 350 x 240 | 520 x 250 x 680 | 520 x 310 x 680 |
| Dimensions (W x D x H) (****) | mm | 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*