

# ENERGYST AIR HANDLERS SPECIFICATION



## AIR HANDLERS 50 – 200 KW

### SAFE, PLEASANT & PRODUCTIVE CLIMATE

Energyst's air handler hire units are reliable – and have cooling capacities of 50 to 200 kW to create a safe, pleasant and productive climate in any environment, from offices and schools to hospitals and laboratories. An air handling unit (AHU) produces cool or warm air when connected to chillers, heat pumps or boilers/hot water systems.

You can hire an air cooler or air conditioner to maintain critical temperatures in telecoms server rooms, keep staff and storage areas cool, or perform process cooling in industry. And they are often used in the events industry to cool or heat tents or temporary locations.

The units are safe to operate, are packaged in a complete assembly and feature environmentally sensitive operation. They are easy to transport, and easy to control. There is maximum and minimum air temperature outlet regulation, and automatic selection between heating and cooling.

Air handlers may also be used for liquid cooling, using the cold outside air (free cooling). For areas that require cooling to below zero, for example for cold storage, a low temperature air handling unit can be placed within the area to be cooled.

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# AIR HANDLERS 50 – 200 KW

## TECHNICAL INFORMATION

| Model                            |                    | EAH 50/185         | EAH 100/295        | EAH 200/585        | ELTC 50            |
|----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Cooling capacity <sup>1</sup>    | kW                 | 50                 | 110                | 200                | 50 <sup>4</sup>    |
| Heating capacity <sup>2</sup>    | kW                 | 150                | 295                | 585                | NA                 |
| Power supply                     | V/Ph/Hz/PE         | 400/3/50/PE        | 400/3/50/PE        | 400/3/50/PE        | 400/3/50/PE        |
| Power connection                 | -                  | CEE 32A (5-pole)   | CEE 32A (5-pole)   | CEE 32A (5-pole)   | CEE 63A (5-pole)   |
| Power consumption                | kW                 | 2.6                | 8.4                | 16.5               | 2.5 (27 Defrost)   |
| Power protection (fuse)          | A                  | 32                 | 32                 | 32                 | 63                 |
| Maximum air flow                 | m <sup>3</sup> /hr | 9000               | 18000              | 36000              | 25000              |
| Hydraulic connections (DIN11851) | DN [mm]            | 40                 | 50                 | 80                 | 50                 |
| Air inlet (3x) / outlet (1x) [Ø] | mm / mm            | 650 / 650          | 800 / 800          | 800 / 800          | NA                 |
| External static pressure         | Pa                 | 300                | 300                | 300                | NA                 |
| Dimensions [LxWxH]               | mm                 | 3000 x 1200 x 1900 | 3500 x 1200 x 1900 | 4000 x 1200 x 2400 | 3010 x 1200 x 1200 |
| Weight                           | kg                 | 975                | 1150               | 1580               | 740                |
| Max. sound pressure at 10 m      | dB(A)              | 55                 | 62                 | 64                 | 67 <sup>3</sup>    |

1. At water temperatures 7/12°C and air inlet +30°C / 50% RH
2. Heating capacity at water temperatures 85/70°C (mixed with 30% PG) and air inlet +10°C / 50% RH
3. Maximum sound pressure at 5 m
4. At PG 30% temperatures -8/-5°C and air inlet +3°C / 85% RH

Details are given for guidance only. Exact equipment may vary according to geographical location and availability.

**WE'D LIKE TO  
HEAR FROM YOU**

If you would like to talk to us, request a rental or have a question there are two ways to contact us.

**CALL US: 00800 3637 4978**  
**EMAIL US: [INFO@ENERGYST.COM](mailto:INFO@ENERGYST.COM)**

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