

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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TECHNICAL INFORMATION

Model		EAH 50/185	EAH 100/295	EAH 200/585	ELTC 50
Cooling capacity ¹	kW	50	110	200	50 ⁴
Heating capacity ²	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 ³ /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 ³

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

Remark: for any other condition, please consult your local Energyst application engineer.
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

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