



All electric

Air handler specifications

Our air handler units are reliable – and have capacities of 20 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 rent an air cooler 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.



Air handlers

Technical information

Model		EAH20/40 Pearl	EAH 50/185	EAH 100/295	EAH 200/460 *	EAH 200/585
Cooling capacity ¹	kW	20	50	100	200 ⁵	200
Heating capacity ²	kW	40	185	295	460 ⁶	585
Power supply	V/Ph/Hz/PE	230V/1Ph/50Hz/PE	400/3/50/PE	400/3/50/PE	400/3/50/PE	400/3/50/PE
Power connection	-	Schuko CEE 7/7	CEE 32A (5-pole)	CEE 32A (5-pole)	CEE 32A (5-pole)	CEE 32A (5-pole)
Power consumption	kW	0.38	2.6	8.4	5.5	16.5
Power protection (fuse)	A	10	32	32	16	32
Max. Air flow	m ³ /hr	2100	9000	18000	16500	36000
Hydraulic connections (DIN11851)	DN [mm]	25	40	50	80	80
Air Inlet / Outlet [Ø]	mm / mm	N/A	(3x) 650 / (1x) 650	(3x) 800 / (1x) 800	(2x) 800 / (1x) 800	(3x) 800 / (1x) 800
External static pressure	Pa	0	300	300	300	300
Remote monitoring	-	No	No	No	Yes	No
Dimensions [LxWxH]	mm	620x390x1935	3000x1200x1900	3500x1200x1900	4000x1200x2200	4000x1200x2400
Weight	kg	84	975	1150	1800	1580
Max. Sound pressure @ 10 m	dBA	51 ³	55	62	55	64

Model		ELTC 50
Cooling capacity	kW	50 ⁴
Heating capacity	kW	N/A
Power supply	V/Ph/Hz/PE	400/3/50/PE
Power connection	-	CEE 63A (5-pole)
Power consumption	kW	2.5 (27 defrost)
Power protection (fuse)	A	63
Max. Air flow	m ³ /hr	25000
Hydraulic connections (DIN11851)	DN [mm]	50
Air Inlet / Outlet [Ø]	mm / mm	N/A
External static pressure	Pa	N/A
Remote monitoring	-	No
Dimensions [LxWxH]	mm	3010x1200x1200
Weight	kg	800
Max. Sound pressure @ 10 m	dBA	67 ³

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

For specific conditions, contact our application engineers.

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. Max. Sound pressure at 5 m
4. At PG 30% temperatures -8/-5°C and air inlet +3°C/85% RH
5. At water temperatures 6/12°C and air inlet +30°C/65% RH
6. At water temperatures 80/60°C and air inlet -10°C/60% RH

* Optional/options new airhandler

- Automatic air-valve control
- CO₂ sensor and CO₂ control (optional)
- Master/slave
- Automatic switch-over (heating/cooling)
- Air filter bags (Standard-Flo SFGS-F7) specific air filter bags on request



We're here
to help

