

Cartivel

AX

LPHW Unit Heaters



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Sales Brochure

AX

The Cartivel Apen AX range of water fan heaters are available in two versions, with either standard AC axial fans or high efficiency EC axial fans with inverter drive.

The AX range comprises of 7 models with heat outputs from 16kW to 100kW (based on 80/60 @ 5°C).

Attractive design makes the AX range suitable for a wide variety of commercial, leisure, and industrial applications.

The AX range is suitable for connection to either boiler or heat pump powered systems.

Units are supplied complete with a mounting bracket for horizontal or vertical installation. Alternatively, 4 no rear suspension points allow for suspension by cable or chain.



It is possible to set the AX units to operate in cooling mode, thus improving the comfort of the room in which they are installed. The water fan heaters are designed to house a condensate collection tray, which can be fitted at any time, even after wall installation. The condensate tray is an optional extra.

All units single phase

Range of control options:

- Thermostatic valve
- 5 speed fan control
- Smart Easy & kit

Low maintenance requirement.

Robust, long life copper heating coil with aluminium fins.

Heater units are supplied with horizontal louvres as standard. Additional vertical louvres are available as an option.

EC fan version features 0-10v fan speed control.

Technical Data

Model		AX020	AX025	AX030	AX040	AX050	AX070	AX090
Max air flow rate	m³/h	2590	6150	2390	5100	4710	8600	8000
Sound pressure (5m) *	dB(A)	51.2	52.2	50.9	55.7	55.5	63.3	63.2
Heating output**	kW	15.7	25.2	26.6	42.4	55.4	78.0	100.8
Cooling output***	kW	4.4	5.8	9.0	10.7	13.4	21.9	27.9
Max water temperature	°C	105	105	105	105	105	105	105
Max running pressure	bar	16	16	16	16	16	16	16
Weight	kg	20	22	21	24	26	38	40

* Sound level in typical installation at 5m

** Water temperature 80/60°C ambient air temperature 5°C 50% relative humidity

***Water temperature 7/12°C ambient air temperature 30°C 50% relative humidity (air flow rate speed 2)

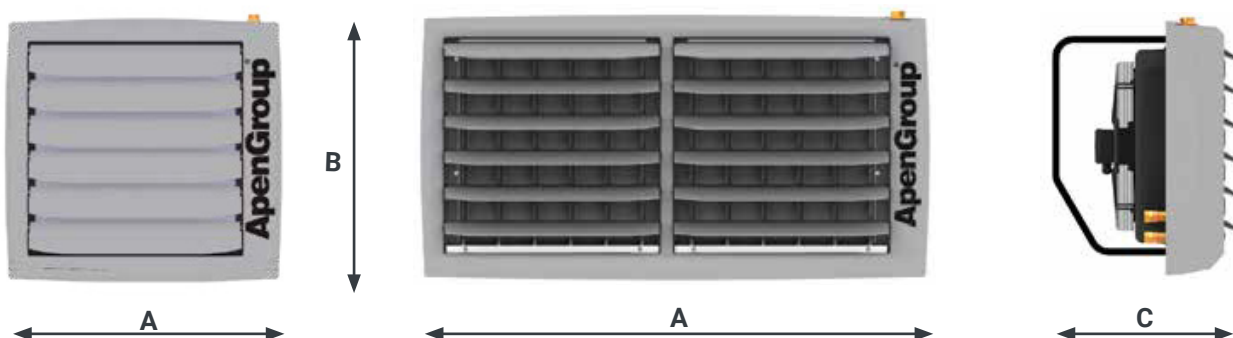
Model		AX020EC	AX025EC	AX030EC	AX040EC	AX050EC	AX070EC	AX090EC
Max air flow rate	m³/h	2850	4500	2550	4350	3900	8560	7950
Sound pressure (5m) *	dB(A)	50.7	55.0	50.3	54.4	53.8	57.4	56.8
Heating output**	kW	20.0	26.6	28.2	40.4	50.0	81.5	102.0
Cooling output***	kW	4.2	4.0	9.4	8.9	12.2	20.7	25.2
Max water temperature	°C	105	105	105	105	105	105	105
Max running pressure	bar	16	16	16	16	16	16	16
Weight	kg	22	24	23	26	28	40	42

* Sound level in typical installation at 5m

** Water temperature 80/60°C ambient air temperature 5°C 50% relative humidity

***Water temperature 7/12°C ambient air temperature 27°C 50% relative humidity (air flow rate speed 2)

Dimensions



Model	AX020/EC	AX025/EC	AX030/EC	AX040/EC	AX050/EC	AX070/EC	AX090/EC
A	730	730	730	730	730	730	730
B	765	765	765	765	765	1390	1390
C	595	595	595	595	595	595	595

Other Products In The Cartivel Range

Gas Fired Unit Heaters - Cabinet Heaters
Destratification Fans - Electric Unit Heaters
Oil Fired Unit Heaters - Industrial Air Curtains
Commercial Air Curtains - LPHW Unit Heaters
Gas Fired Radiant Tubes Electric Radiant - Air Rotation
Heat Exchanger Modules - HVLS Fans - Direct Fired Heaters
Gas Fired Air Handling Units



Get In Touch

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