

## EWAH Split system heat pumps Wall installation with capacities from 2.05 to 3.5 kW with Plasmacluster filter



Aermec adheres to the EUROVENT Certification Programme. The products concerned appear in the EUROVENT Certified Products Guide.

R410A  
R407C



EWA\_H



**Plasmacluster**



CSA\_H



Energy Efficiency



CWX

When used together with CWX this device works only in cooling mode. **IMPORTANT: Must be used with the remote control supplied together with the CWX condensing unit.**

### PLASMACLUSTER ionising filter.

Plasmacluster is capable of reducing the level of pollutants, by decomposing the molecules that form them.

Using a series of electric shocks, "Plasmacluster" causes the water molecules present in the air to separate into positive and negative ions. These ions neutralise the gas pollutant molecules, forming products that are normally present in clean air.

**The result is in the air: you can finally breath clean, odour-free ionised air.**

### Features

- 3 different power versions
- These versions use refrigerant gases R410A (CSA\_H) and R407C (CWX)
- Can work as a heat pump (CSA\_H), reversing the cooling cycle and controlling defrosting
- Cooling function (CWX) with water-based condensing unit
- Heat pump models with cooling cycle inversion operation and defrost control
- Three-speed cross flow fan
- Rotary compressor
- Very quiet operation
- Infrared remote handset with LCD display for full control of all appliance functions
- Local control facility
- Microprocessor control
- Timer for hourly operation programming and timer On LED
- Programs for cooling only, heating only, dehumidification and automatic operation (heating/cooling)
- Self-diagnostics function
- Easily removable, washable air filter with anti-mould treatment
- Air outlet deflectors with horizontal adjustment facility
- Motorized louver controllable from remote handset for vertical adjustment of outlet air flow direction
- Refrigerant lines with flared connections
- Refrigeration lines up to 10m for EWA 070 H and 090 H, up to 15m for EWA 120 H

## Technical data

		EWA 070H CSA 070 H	EWA 090 H CSA 090 H	EWA 120 H CSA 120 H CWX 1207
Cooling capacity	W	2050	2640	3500
Moisture removed	l/h	0.7	0.8	1.2
Total input power (CSA)	W	635	820	1090
Total input power (CWX)	W	-	-	1225
Total input current (CSA)	A	3.0	3.8	5.0
Total input current (CWX)	A	-	-	5.9
Water consumption at 16 °C	l/h	-	-	160
Heating capacity (CSA)	W	2400	3100	4000
Energy Efficiency	A	A	A	A
COP		3.64	3.63	3.64
Total input power (CSA)	W	660	855	1100
Total input current (CSA)	A	3.0	3.8	5.0
Air flow rate (EWA)	m³/h (min.)	210	210	462
	m³/h (med.)	396	426	522
	m³/h (max.)	438	468	588
♪ Sound pressure (EWA)	dB(A) (min.)	28	29	29
	dB(A) (med.)	33	36	33
	dB(A) (max.)	37	39	40
Air flow rate (CSA)	m³/h	1680	1680	1620
♪♪ Sound pressure (CSA)	dB(A)	45	46	48
♪♪♪ Sound pressure (CWX)	dB(A)	-	-	44.5
Refrigerant connections (CSA)	Ø liquid	1/4"	1/4"	1/4"
	Ø gas	3/8"	3/8"	1/2"
Refrigeration line (CSA)	Ø liquid	1/4"	1/4"	1/4"
	Ø gas	3/8"	3/8"	1/2"
Refrigerant connections (CWX)	Ø liquid	-	-	1/4"
	Ø gas	-	-	1/2"
Refrigeration line (CWX)	Ø liquid	-	-	1/4"
	Ø gas	-	-	1/2"

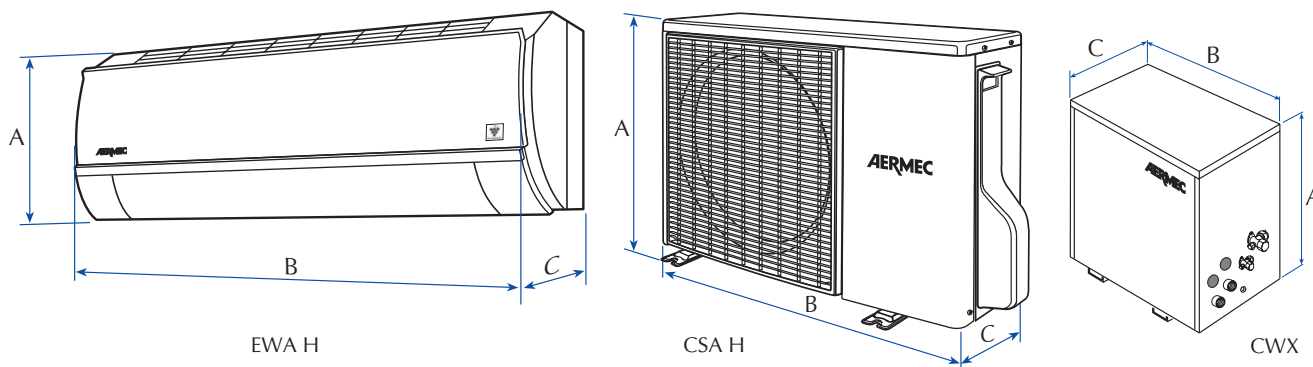
Power supply = 1~ 230V 50Hz.

Performance values refer to the following conditions:

- ♪ Sound pressure measured at 1.3 m in an anechoic chamber with direction factor 4.
- ♪♪ Sound pressure measured at 1 m in an anechoic chamber with direction factor 2.
- ♪♪♪ Sound pressure measured in an 85 m³ semi-reverberant test chamber with reverberation time  $T_r = 0.5s$ .

- Cooling:
  - room air temperature 27 °C D.B., 19 °C W.B.;
  - ambient air temperature 35 °C; maximum speed.
- Heating:
  - room air temperature 20 °C;
  - ambient air temp. 7 °C D.B., 6 °C W.B.; maximum speed.

## Dimensions (mm)



		EWA			CSA			CWX
		070 H	090 H	120 H	070 H	090 H	120 H	1207
Height	A	270	270	278	540	540	540	450
Width	B	810	810	790	730	730	730	470
Depth	C	184	184	198	250	250	250	260
Weight	kg	9	9	10	28	32	37	31

The technical data in this document are not binding. Aermec S.p.A. reserves the right to make whatever modifications it deems necessary to improve the product at any time.

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