

EWP

Split system room air conditioners and heat pumps
Wall installation with capacities from 5.15 to 6.6 kW with Plasmacluster filter

R410A
R407C



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



CS H



Plasmacluster



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

- 2 different power versions
- These versions use refrigerant gases R410A (CS_H) and R407C (CWX / CWX T)
- Can work as a heat pump (CS_H), reversing the cooling cycle and controlling defrosting
- Cooling function (CWX / CWX T) with water-cooled condensing unit
- 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
- Night-time program
- Dehumidification program
- 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
- Refrigerant lines up to 15 m in length.

Technical data

		EWP 181 H CS 181 H CWX 1807 CWX 1807 T	EWP 241 H CS 241 H CWX 2407 CWX 2407 T
Cooling capacity	W	5150	6600
Moisture removed	l/h	1.6	2.2
Total input power (CS H)	W	2050	2650
Total input power (CWX)	W	1870	2470
Total input power (CWX T)	W	1820	2370
Total input current (CS H)	A	9.1	12.5
Total input current (CWX)	A	9.2	12.4
Total input current (CWX T)	A	3.6	4.6
Water consumption at 16 °C (CWX/T)	l/h	230	330
Heating capacity (CS H)	W	5650	8100
Total input power (CS H)	W	1900	2820
Total input current (CS H)	A	8.5	13.2
Air flow rate (EWP)	m³/h (min.)	684	798
	m³/h (med.)	816	954
	m³/h (max.)	912	1068
♪ Sound pressure (EWP)	dB(A) (min.)	34	37
	dB(A) (med.)	39	42
	dB(A) (max.)	41	45
Air flow rate (CS H)	m³/h	3120	3018
♪♪ Sound pressure (CS H)	dB(A)	52	54
♪♪♪ Sound pressure (CWX / T)	dB(A)	47.5	48.5
Refrigerant connections (CS H)	Ø liquid	1/4"	1/4"
	Ø gas	1/2"	1/2"
Refrigeration line (CS H)	Ø liquid	1/4"	1/4"
	Ø gas	1/2"	1/2"
Refrigerant connections (CWX / T)	Ø liquid	1/4"	1/4"
	Ø gas	5/8"	5/8"
Refrigeration line (CWX / T)	Ø liquid	1/4"	1/4"
	Ø gas	5/8"	5/8"

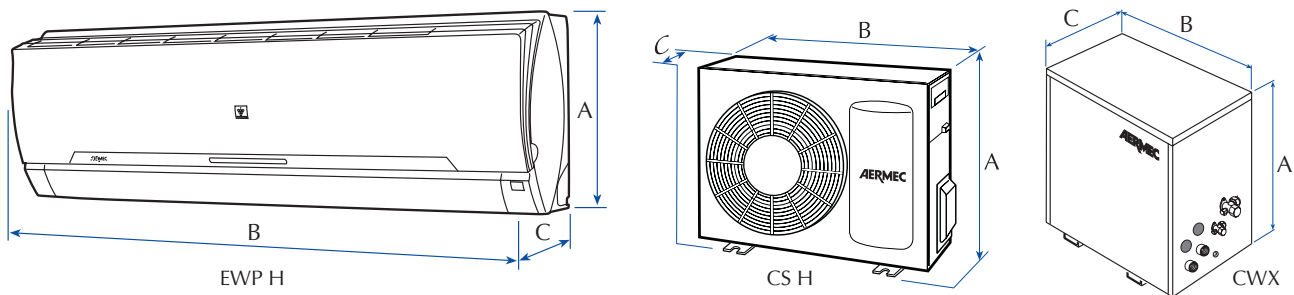
Power supply = 1~ 230V 50Hz.

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 Tr = 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)



		EWP		CS		CWX	
		181 H	241 H	181 H	241 H	1807	2407
Height	A	325	325	645	645	450	570
Width	B	1040	1040	890	890	470	470
Depth	C	229	229	327	327	260	260
Weight	kg	16	16	51	61	40	48,5

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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