

CXS H Split system heat pumps Moto condensing unit for indoor installation with 3.2 kW capacity

R407C

CXS 1207 H



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

EXC 121



TL 2 Accessory

EWA 120 H



Features

- CXS-H moto condensing indoor unit for indoor installation, hidden from view above a suspended ceiling or in a niche with intake/expulsion of the air channelled into a single hole on the outside wall.
- The indoor split climate control system is particularly recommended in situations where it is not possible or advisable to expose a condensing unit hanging on the wall outside
- Heat pump with cooling cycle inversion operation and defrost control
- Rotary compressor
- CXS-H can be combined with EWA H (wall installation) and EXC (duct installation)
- Programs for cooling only, heating only, dehumidification and automatic operation (heating/cooling)
- Microprocessor control
- Easily removable air filter
- Very quiet operation
- Timer for programming On/Off times
- Refrigerant lines with flared connections
- Refrigeration lines up to 10m
- EXC 121:**
 - Indoor unit with three-speed centrifugal fan with possibility to change the electrical connections in order to obtain a greater available static pressure
 - Infrared remote handset with LCD display for full control of all appliance functions. Kit including receiver for wall installation. **Necessary for the unit operation.**
- Wide range of accessories
- EWA 120 H:**
 - Three-speed cross flow fan
 - Air outlet deflectors with horizontal adjustment facility
 - Motorized louver controllable from remote handset for vertical adjustment of outlet air flow direction
 - Infrared remote handset with LCD display for full control of all functions of the appliance

Technical data

CXS 1207 H EWA 120 H - EXC 121

Cooling capacity	W	3200
Moisture removed	l/h	0.8
Total input power	W	1200
Total input current	A	5.8
Heating capacity	W	3500
Total input power	W	1060
Total input current	A	5.2
Unit air flow rate (CXS 1207 H)	m ³ /h (max.)	1130
Max. effective static pressure (CXS 1207 H)	Pa	30
Unit air flow rate (EWA 120 H)	m ³ /h (max.)	588
	m ³ /h (min.)	310
Unit air flow rate (EXC 121)	m ³ /h (med.)	400
	m ³ /h (max.)	520
♪ Sound pressure (CXS 1207 H)	dB(A)	61
♪♪ Sound pressure (EWA 120 H)	dB(A)	40
	dB(A)	29
♪♪♪ Sound pressure (EXC 121)	dB(A)	34.5
	dB(A)	39
Refrigerant connections	Ø liquid	1/4"
	Ø gas	1/2"

Power supply = 1~ 230V 50Hz.

Performance values refer to the following conditions:

♪ Sound pressure measured in free field conditions at a frontal distance of 5 m, direction factor 2.

♪♪ Sound pressure measured at 1.3 m in an anechoic chamber.

♪♪♪ Sound pressure measured in an 85 m³ semi-reverberant test chamber with reverberation time Tr = 0.5s.

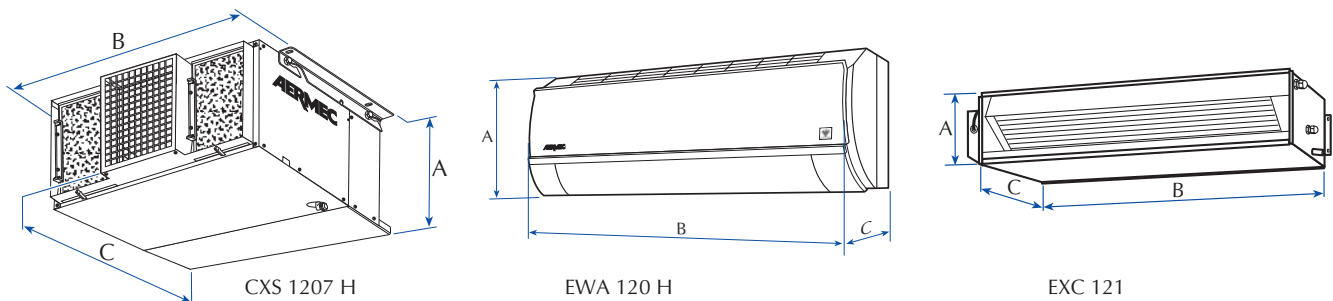
■ Cooling:

- 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.; max. speed.

Dimensions (mm)



		CXS 1207 H	EWA 120 H	EXC 121
Height	A	396	278	216
Width	B	862	790	1043
Depth	C	815	198	457
Weight	kg	66	10	26

Accessories

CXS 1207 H:

- **FAM 1207:** Intake and delivery flange with circular fitting. Hot galvanized steel flange, to be applied to the CXS unit makes it possible to fit three circular pipes 200 mm in diameter for intake and delivery towards the outside.

EXC 121:

- **TL2:** Infrared remote handset with LCD display for full control of all appliance functions. Kit including receiver for wall installation. **Necessary for the unit operation.**
- **AMP:** Kit for ceiling mounting.
- **BC:** Auxiliary condensate drip tray.
- **BV:** Battery ad acqua calda ad 1 rango.
- **DSC:** Condensate drainage device for use when natural run-off is not possible.

Externally mounted; maximum condensate flow rate is 5 l/h.

- **GA:** Intake louver with fixed slats.
- **GAF:** Intake louver with fixed slats and filter.
- **GM:** Delivery louver with adjustable slats.
- **MA:** Vertical cabinet.
- **MU:** Universal cabinet.
- **PA:** Intake plenum in galvanized steel, with plastic outlet connections for circular section ducting.
- **PC:** Rear cover panel.
- **PF:** Control panel with electronic ambient thermostat for wall installation.
- **PM:** Delivery plenum in galvanized steel with external insulation, with plastic outlet connections for circular section ducting.

- **RD:** Delivery straight duct connection.
- **RDA:** Intake straight duct connection.
- **RP:** Delivery 90° duct connection.
- **RPA:** Intake 90° duct connection.
- **RX:** Batteria elettrica del tipo corazzato con termostato di sicurezza.
- **SE:** Manually operated fresh air intake louver.
- **SW:** Sonda che consente il funzionamento dell'unità solo con temperatura superiore a 35 °C.
- **VCF:** Kit composto da valvola motorizzata a 3 vie, raccordi e tubi in rame.
- **ZX:** Feet for floor standing installation of models with MA accessory; or built-in installation.

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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