

MULTISPLIT

Multisplit system air conditioners
With capacities from 1.57 to 7.92 kW

R407C



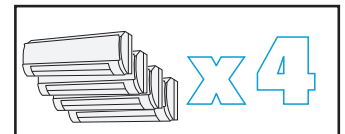
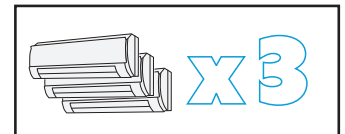
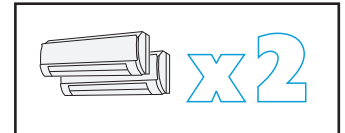
Aermec adheres to the EUROVENT Certification Programme. The products concerned appear in the EUROVENT Certified Products Guide.



CXM 20707 - 20907



CXM 0707 - 0907 - 1207



 = EX-M / EXW / EXC



EXW



EX-M



EXC

Features

- Available with 5 different power condenser units
- Can be combined with EXW (wall mounting), EX-M (universal installation) and EXC (ductable installation)
- Outdoor unit with rotary compressor
- Microprocessor control
- Infrared remote handset with LCD display for full control of all appliance functions
- Programming timer
- Night-time operation program
- Dehumidification program
- Self-diagnostics function
- Very quiet operation
- Easily removable and washable air filter
- Air delivery slats with horizontal and vertical adjustment facility
- Motorized louver controllable from remote handset for vertical adjustment of outlet air flow direction (EXW and EX-M only)
- Refrigeration lines up to 15m for internal unit (max. 20m total for single compressor condensant, max 20m + 20m total for dual compressor condensants)

Accessories

- **DCPX:** Low temperature device for operation of outdoor units below 19 °C.
- **DSC:** Condensate discharge device for EX-M.

For EXC unit accessories please refer to corresponding card.

No accessories are supplied with EXW unit.

CXM	Compatibility of accessories				
	0707	0907	1207	20707	20907
DCPX 25	✓	✓	✓		
DCPX 35				✓	✓

Technical data

Outdoor units CXM	compressors n.	Combinable units n.	indoor units	Cooling capacity		Absorbed power		Moisture removed l/h
				for indoor unit W	total W	indoor unit W	CXM W	
0707	1	2	EXW 070	1570	3140	26	1020	0,35
			EX 070 M	1570	3140	35	1020	0,35
			EXC 071	1570	3140	37	1020	0,35
0907	1	2	EXW 090	2100	4200	30	1450	0,45
			EX 070 M*	2100	4200	48	1450	0,45
			EXC 091	2100	4200	48	1450	0,45
1207	1	2	EX 120 M	3200	6400	53	2150	1,2
			EXC 121	3200	6400	46	2150	1,2
			EXW 090	2725	5450	30	2130	0,9
20707	2	2	EX 070 M*	2725	5450	48	2130	0,9
			EXC 091	2725	5450	48	2130	0,9
			EXW 070	1570	5865	26	2085	0,35
		2	EX 070 M	1570	5865	35	2085	0,35
			EXC 071	1570	5865	37	2085	0,35
			EXW 090	2725	5865	30	2085	0,9
		+	EX 070 M*	2725	5865	48	2085	0,9
			EXC 091	2725	5865	48	2085	0,9
			EXW 070	1570	6280	26	2040	0,35
		4	EX 070 M	1570	6280	35	2040	0,35
			EXC 071	1570	6280	37	2040	0,35
			EX 120 M	3425	6850	53	2970	1,1
20907	2	2	EXC 121	3425	6850	46	2970	1,1
			EXW 090	1980	7385	30	2910	0,35
			EX 070 M*	1980	7385	48	2910	0,35
		+	EXC 091	1980	7385	48	2910	0,35
			EX 120 M	3425	7385	53	2910	1,1
			EXC 121	3425	7385	46	2910	1,1
		4	EXW 090	1980	7920	30	2850	0,35
			EX 070 M*	1980	7920	48	2850	0,35
			EXC 091	1980	7920	48	2850	0,35

* = over power fan unit

Technical data

Indoor units		EXW		EXC			EX M	
		070	090	071	091	121	070	120
Air flow rate	m ³ /h (max.)	432	516	360	480	520	350 (440)*	550
	m ³ /h (med.)	360	408	310	370	400	300 (350)*	480
	m ³ /h (min.)	288	318	220	280	310	220 (300)*	370
♪ Sound pressure	dB (A) (max.)	37.5	39.5	43	37.5	39	36.5 (42)*	46.5
Heating capacity (RX)	W	-	-	950	1300	1650	-	-
Heating capacity (BX)	W	-	-	2300	3400	3800	-	-
Water flow rate (BX)	l/h	-	-	198	292	327	-	-
Water pressure drops (BX)	kPa	-	-	8	17	23	-	-

Outdoor units R407C	CXM	0707	0907	1207 / 1207T	20707	20907
Air flow rate	m ³ /h	1580	1440	2460	3050	2650
Max. input current	A	4.8	6.9	10	10	14.6
Peak current	A	25	33.5	47 / 23	30.2	40
♪♪ Sound pressure	dB (A)	37	37	42.5	39	40
Refrigerant connections	Ø liquid	1/4"	1/4"	1/4"	1/4"	1/4"
	Ø gas	3/8"	3/8"	1/2"	3/8"	3/8"

Power supply = 1~ 230V 50Hz; 3N~ 400V 50Hz (CXM 1207 T).

* = over power fan unit

** = with EX-M 120 and EXC 121 use 1/2" (1.25 cm diameter) refrigerant connections.

Performance values refer to the following conditions:

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

♪♪ Sound pressure measured in free field conditions at 5 m with direction factor 2.

■ Cooling:

- room air temperature 27 °C D.B., 19 °C W.B.;
- ambient air temperature 35 °C; maximum speed.

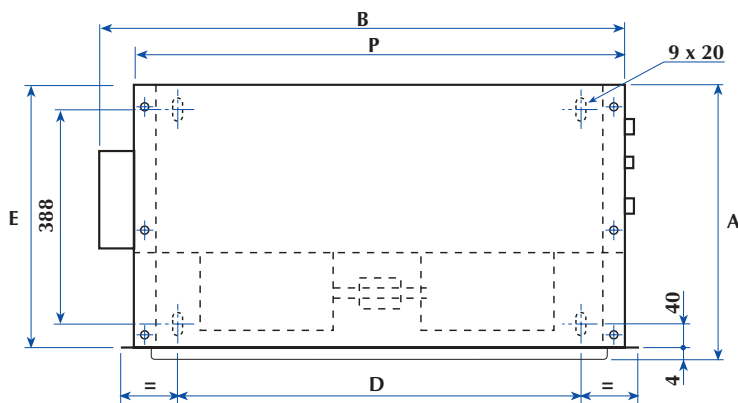
Heating (hot water coil):

- room air temperature 20 °C;
- water inlet temperature 70 °C; maximum speed.

Dimensions (mm)

INDOOR UNIT

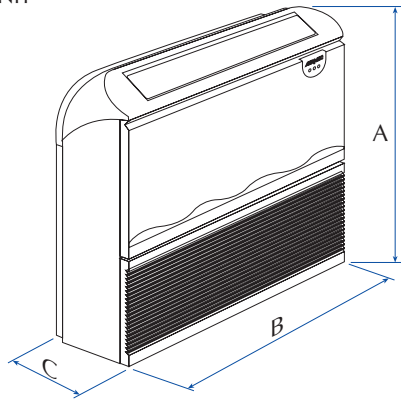
EXC 071 - 091 - 121



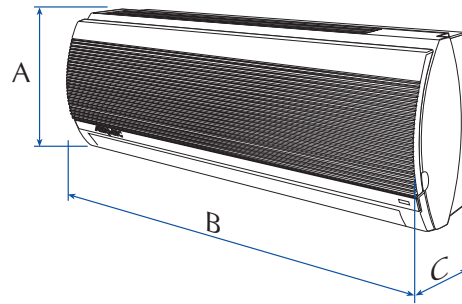
	071	091	121
A	457	457	457
B	592	823	1043
C	216	216	216
D	440	671	891
E	453	453	453
F	41	41	41
G	101	101	101
H	74	74	74
L	260	260	260
M	144	144	144
N	49	49	49
P	522	753	973
Weight (Kg)	17	23	26

Dimensions (mm)

INDOOR UNIT

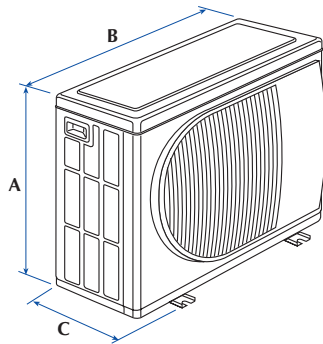


EX-M

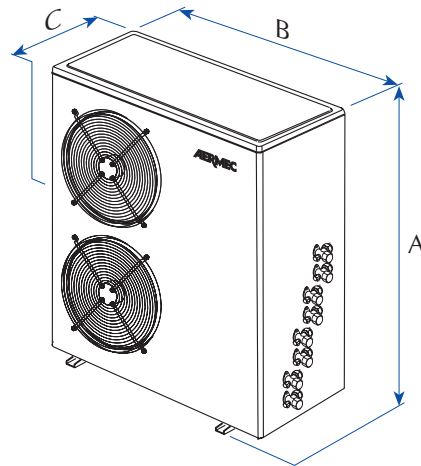


EXW

OUTDOOR UNIT



CXM 0707 / 0907 / 1207



CXM 20707 / 20907

		EX 070 M EX 120 M	EXW 070 EXW 090	CXM 0707	CXM 0907	CXM 1207	CXM 20707	CXM 20907
Height	A	660	278	530	530	680	1030	1030
Width	B	800	815	755	755	850	900	900
Depth	C	180	198	265	265	300	310	310
Weight	kg	20	9	34	37 / 38	55	72	79