

EXCI

Split system air conditioners and heat pumps
Ductable installation with capacity from 2.1 to 3.5 kW with Inverter

R410A



INVERTER
TECHNOLOGY



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

Features

- With R410A refrigerant
- Inverter technology for large power savings and optimized room comfort conditions
- Room reaches required temperature after switching on in 2/3 the time of an equivalent appliance without an inverter
- Excellent ratio between heating capacity and cooling capacity, thanks to the inverter-controlled compressor
- Variable speed rotary compressor
- Indoor unit with three-speed centrifugal fan with possibility to change the electrical connections in order to obtain a greater available static pressure
- Very quiet operation
- Microprocessor control
- Timer for programming On/Off times
- Programs for cooling only, heating only, dehumidification and automatic operation (heating/cooling)
- Air filter
- Refrigerant lines with flared connections
- Refrigeration lines up to 15m
- Wide range of accessories

Technical data

			EXC 070 I CWI 071 H	EXC 090 I CWI 091 H	EXC 120 I CWI 121 H
Cooling capacity	nominal (E)	W	2100	2640	3500
	min. - max.	W	900 - 2500	900 - 3000	900 - 3800
Energy Efficiency			A	A	A
EER			3.23	3.22	3.21
Total input power	nominal (E)	W	650	820	1090
	min. - max.	W	230 - 780	230 - 960	230 - 1300
Total input current	nominal	A	3.1	3.8	5.0
	max.	A	3,8	4.4	6.0
Moisture removed	max. speed	l/h	0.6	0.7	1.2
	max.	m ³ /h	300	460	520
Indoor unit air flow rate	med.	m ³ /h	270	370	410
	min.	m ³ /h	220	290	320
Heating capacity	nominal (E)	W	2400	3100	4000
	min. - max.	W	900 - 3400	900 - 4200	1000 - 5400
Energy Efficiency			A	A	A
COP			3.87	4.19	3.88
Total input power	nominal (E)	W	620	740	1030
	min. - max.	W	250 - 1080	250 - 1160	250 - 1620
Total input current	nominal	A	3.1	3.5	4.7
	max.	A	5.1	5.4	7.3
♪ Sound pressure	Indoor unit	max. dB (A)	37.5	35	36.5
		med. dB (A)	35.5	30	32
		min. dB (A)	29.5	26	26.5
	Outdoor unit	dB (A)	45	45	48
Outdoor unit air flow rate		m ³ /h	1392	1398	1602
Refrigerant connections	liquid	Ø	1/4"	1/4"	1/4"
	gas	Ø	3/8"	3/8"	3/8"

Power supply = 1~ 230V 50Hz.

(E) Eurovent certified performance values.

Performance values refer to the following conditions:

♪ measured at 1.3 m in an anechoic chamber.

■ 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.

Compatibility of accessories				
	EXC	070 I	090 I	120 I
	CWI	071 H	091 H	121 H
AMP		✓	✓	✓
DSC	4	✓	✓	✓
	22	✓		
GA	32		✓	
	42			✓
	22	✓		
GAF	32		✓	
	42			✓
	22	✓		
GM	32		✓	
	42			✓
	22	✓		
MA	32		✓	
	42			✓
	22	✓		
MU	32		✓	
	42			✓
	22	✓		
PA	32		✓	
	42			✓
	22	✓		
	23	✓		
PC	32		✓	
	33		✓	
	42			✓
	43			✓
	22	✓		
PM	32		✓	
	42			✓
	22	✓		
RD	32		✓	
	42			✓
	22	✓		
RDA	32		✓	
	42			✓
	22	✓		
RP	32		✓	
	42			✓
	22	✓		
RPA	32		✓	
	42			✓
	20X	✓		
SE	30X		✓	
	40X			✓
TL	2 I	✓	✓	✓
ZX	5	✓	✓	✓
	7	✓	✓	✓

* = in combination with accessory MA

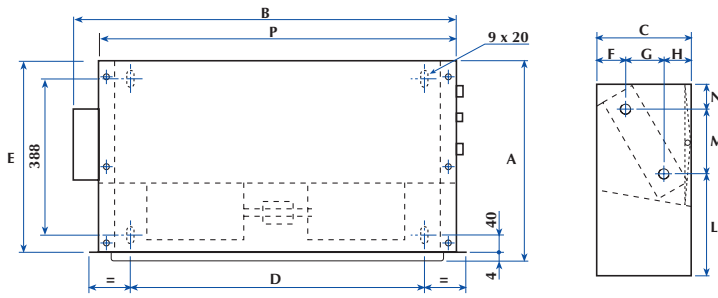
** = in combination with accessory MU

Accessories

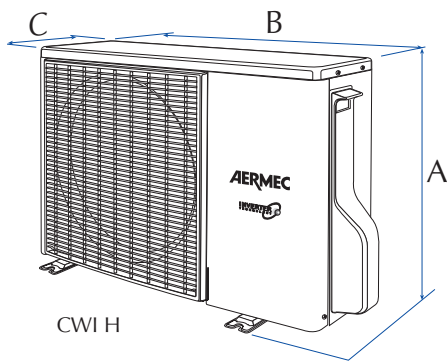
- **AMP:** Kit for ceiling mounting.
- **BC:** Auxiliary condensate drip tray.
- **DSC:** Condensate drainage device for use when natural run-off is not possible.
- **GA:** Intake louver with fixed slats.
- **GAF:** Intake louver with fixed slats and filter.
- **GM:** Delivery louver with adjustable 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.
- **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.
- **SE:** Manually operated fresh air intake louver.
- **TL21:** Infrared remote handset with LCD display for full control of all appliance functions. Kit including receiver for wall installation.
- **ZX:** Feet for floor standing installation of models with MA accessory; or built-in installation.

Dimensions (mm)

EXC 070 I - 090 I - 120 I



EXC	070 I	090 I	120 I
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
Peso (Kg)	17	23	26



		CWI
		121 H
Height	A	540
Width	B	730
Depth	C	250
Weight	kg	37