

NEW

A++

+43°C

-15°C

Gen VI



VITAL Plus

SERIES



More features

in the basic segment

Comfort in every corner of the room is provided by **automatic horizontal louvers**.

Built-in air **CH Smart Ion filter** and heat exchanger **Double Self-Clean function** help to keep the air in your home.

The ability to control **7 fan speeds**, **Warm start**, and **Quiet operation** are the most important of the many advantages of this device.

VITAL Plus Series



Accessories (optional)



Wired Controller
XK76



Wired Controller
CE58-00/EF(CM)



Wired Controller
CE52-24/F



Detection Control Board
MK010

Health Features



ECO Fresh
technology



CH 7 Sky
technology



X-Fan function



CH Smart Ion
technology



Double Self Clean
technology

Health Features



Cooling
Mode



Heating
Mode



Ventilation
Mode



Dry
Mode



I-Feel



Turbo
Mode



Hot
Start



Vertical
SWING



Horizontal
SWING



+8°C
Mode



Sleep
Mode



Quiet
Mode

Control Features



Wi-Fi



Remote
Control



Locking Remote
Control



Daily
timer



Connection to
wired controller



Connection to
BMS



Dry Contact

Intelligent Features



i
ACTION
technology



Auto
Restart



Self
monitoring



Auto
Defrost

Technology Features



R32
Refrigerant



Inverter



Blue Fin
Coating



LED display



Energy efficient
copper tubes



Multi-speed
fan

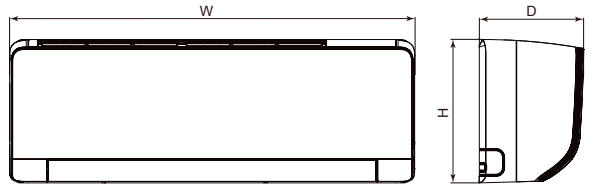


Crankcase
heating system

System			CH-S07FTXF6	CH-S09FTXF6	CH-S12FTXF6	CH-S18FTXF6	CH-S24FTXF6
Capacity	Cooling	kW	2.2 (0.30-2.85)	2.50 (0.50-3.25)	3.20 (0.90-3.60)	4.60 (1.00-5.40)	6.20 (1.80-6.90)
	Heating	kW	2.40 (0.60-2.90)	2.80 (0.50-3.70)	3.40 (0.90-4.00)	5.20 (0.75-5.80)	6.50 (1.30-7.00)
Rated power	Cooling	kW	0.59 (0.08-1.10)	0.68 (0.15-1.30)	0.99 (0.22-1.30)	1.35 (0.15-1.90)	1.79 (0.45-2.30)
	Heating	kW	0.59 (0.13-1.30)	0.73 (0.14-1.50)	0.92 (0.22-1.50)	1.33 (0.16-1.90)	1.65 (0.45-2.30)
Energy efficiency	Cooling (SEER*)	kW/kW	6.6 (A++)	6.6 (A++)	6.1 (A++)	7.2 (A++)	6.8 (A++)
	Heating (SCOP**)	kW/kW	4.8 (A++)	5.1 (A+++)	5.1 (A+++)	5.1 (A+++)	5.1 (A+++)

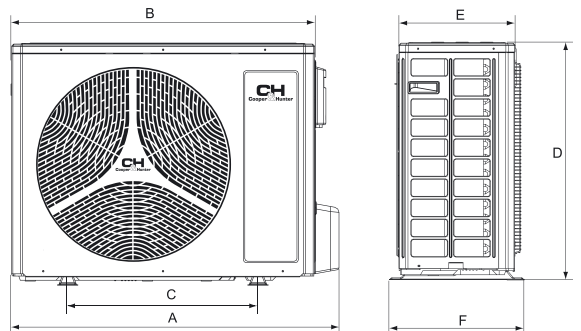
Indoor Unit		CH-S07FTXF6	CH-S09FTXF6	CH-S12FTXF6	CH-S18FTXF6	CH-S24FTXF6
Air flow rate	m ³ /h	250/290/310/420/450/470/500	250/270/320/390/430/470/500	280/320/350/400/480/520/590	600/640/720/810/870/960/1000	540/590/640/690/740/900/1050
Sound level pressure	dB (A)	22/25/29/33/34/36/39	21/25/28/32/34/36/38	24/26/30/33/35/37/41	28/30/35/41/43/45/47	32/36/40/42/44/46/50
Draining	l/h	0.6	0.6	1.4	1.8	1.8
Weight	kg	7.5	7.5	8.0	13.5	14

	W (mm)	H (mm)	D (mm)
CH-S07FTXF6	735	260	190
CH-S09FTXF6	735	260	190
CH-S12FTXF6	810	260	190
CH-S18FTXF6	978	333	248
CH-S24FTXF6	978	333	248



Outdoor Unit		CH-S07FTXF6	CH-S09FTXF6	CH-S12FTXF6	CH-S18FTXF6	CH-S24FTXF6
Sound level Pressure	dB (A)	50	50	52	55	59
Compressor type		Rotary				
Refrigerant		R32				
Temperature range (cooling)	°C	-15/+43				
Temperature range (heating)	°C	-15/+24				
Power supply		~220-240V/50Hz/1Ph				
Weight	kg	21	24.5	25	26.5	36.5
Refrigerant charge	kg	0.45	0.50	0.55	0.77	1.21
Liquid pipe diameter	mm/inch	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"	6.35/1/4"
Gas pipe diameter	mm/inch	9.52/3/8"	9.52/3/8"	9.52/3/8"	9.52/3/8"	12.7/1/2"
Max pipeline level difference	m	10	10	10	10	10
Pipeline max length	m	15	15	20	25	25

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXF6	710	650	430	450	244	293
CH-S09FTXF6	732	675	455	555	285	330
CH-S12FTXF6	732	675	455	555	285	330
CH-S18FTXF6	732	675	455	555	285	330
CH-S24FTXF6	873	805	528	555	317	376



*SEER - Seasonal capacity factor of the system in cooling mode
 ** SCOP - Seasonal capacity factor of the system in heating mode