



CH
Cooper & Hunter

SERIES

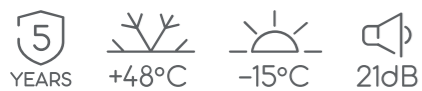
RELIABLE
& INNOVATED

Vital is a new-generation wall-mounted air conditioner with a minimalist white panel. The unit uses R32 refrigerant. The Vita I series of wall-mounted air conditioners has all the features of premium equipment. It features CH 7-SKY filtration technology, integrated WiFi module and plasma ioniser.

VITAL INVERTER



VITAL INVERTER SERIES



INVERTER

CE RoHS EAC

FUNCTION

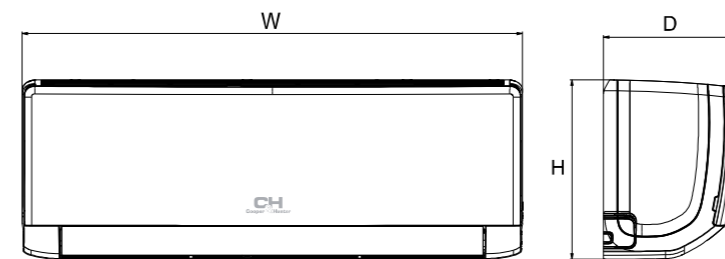
Health					Comfort management									
SLEEP mode	CH 7-SK technology	ECO-FRESH	CH SMART-ION Filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	SWING mode	Dry mode	Wi-Fi	I FEEL

Intelligent control			Technological				Energy efficiency				
Anti Freeze protection	Auto restart	Self diagnostics	R32 Refrigerant	Silent mode	Auto protection	+8°C	I-Action Technology	BLUE-FIN	Warm start	Energy Efficiency	Generation 6 For 7K, 24K models

MODEL			CH-S07FTXF-NG	CH-S09FTXF-NG	CH-S12FTXF-NG	CH-S18FTXF-NG	CH-S24FTXF2-NG
Capacity	Cooling	kW	2.20 (0.37-2.53)	2.50 (0.50-3.35)	3.20 (0.60-3.60)	4.60 (0.65-5.20)	6.20 (1.80-6.90)
	Heating	kW	2.30 (0.51-2.60)	2.80 (0.50-3.30)	3.40 (0.60-3.80)	5.20 (0.70-5.40)	6.50 (1.30-7.03)
Power consumption	Cooling	kW	0.69 (0.16-0.95)	0.78 (0.16-1.40)	0.99 (0.16-1.40)	1.43 (0.16-1.70)	1.83 (0.45-2.20)
	Heating	kW	0.64 (0.20-1.00)	0.78 (0.20-1.50)	0.94 (0.20-1.50)	1.40 (0.20-1.60)	1.92 (0.45-2.30)
Energy efficiency	Cooling (SEER*)	kW/kW	5.1 (A)	6.1 (A++)	6.1 (A++)	6.1 (A++)	6.8 (A++)
	Heating (SCOP**)	kW/kW	3.8 (A)	4.0 (A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)

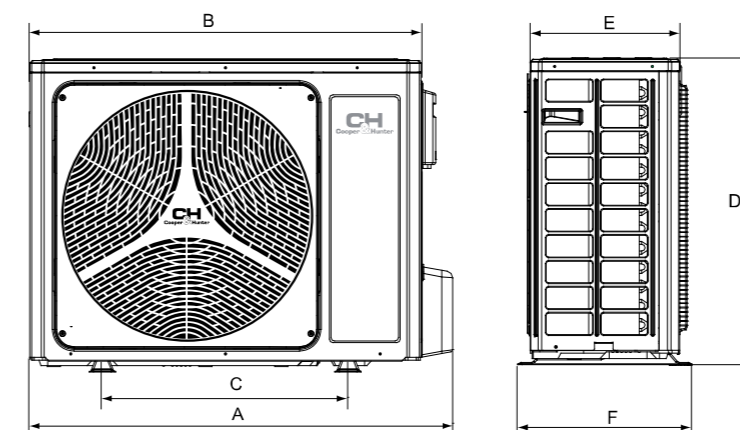
* SEER - seasonal coefficient of system cooling capacity.
** SCOP - seasonal coefficient of system heating capacity.

INDOOR UNIT		CH-S07FTXF-NG	CH-S09FTXF-NG	CH-S12FTXF-NG	CH-S18FTXF-NG	CH-S24FTXF2-NG
Air productivity	m ³ /h	300/430/500/550	330/430/490/550	290/410/480/550	520/610/720/850	400/600/800/900
Sound pressure level	dB (A)	21/25/27/36	23/26/30/37	24/28/32/37	28/33/39/45	29/33/39/45
Drainage	l/h	0.6	0.8	1.4	1.8	1.8
Weight	kg	8.5	8.5	8.5	13.5	13



MODEL	W (mm)	H (mm)	D (mm)
CH-S07FTXF-NG	713	270	195
CH-S09FTXF-NG	790	275	200
CH-S12FTXF-NG	790	275	200
CH-S18FTXF-NG	970	300	225
CH-S24FTXF2-NG	1078	325	246

OUTDOOR UNIT		CH-S07FTXF-NG	CH-S09FTXF-NG	CH-S12FTXF-NG	CH-S18FTXF-NG	CH-S24FTXF2-NG
Sound pressure level	dB (A)	49	52	52	54	57
Compressor type		Rotary				
Refrigerant type		R32				
Temperature range for cooling	°C	-15/+48				
Temperature range for heating	°C	-15/+24				
Power supply		~220-240V/50Hz/1 Ph				
Weight	kg	21.5	29	31	34	36.5
Gas filling volume	kg	0.58	0.6	0.65	0.77	1.23
Liquid line diameter	mm/inch	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"	6.38/1/4"
Gas pipeline diameter	mm/inch	9.53/3/8"	9.53/3/8"	9.53/3/8"	9.53/3/8"	12.7/1/2"
Maximum height difference	m	5	10	10	10	10
Maximum track length	m	15	15	20	20	25



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S07FTXF-NG	720	660	440	428	257	310
CH-S09FTXF-NG	782	712	510	540	257	320
CH-S12FTXF-NG	842	780	540	596	257	320
CH-S18FTXF-NG	848	780	540	596	257	320
CH-S24FTXF2-NG	873	816	528	555	331	376