

Technical Specifications

R410A DC INVERTER C

MODEL NO		HNHW12CBF	HNHW18CBF	HNHW24CBF
Performance Parameters	Nominal Capacity (Tr)	1 Tr	1.5 Tr	2 Tr
	(Rated) Voltage / Frequency / Phase	230 V / 50Hz / Single	230 V / 50Hz / Single	230 V / 50Hz / Single
	Cooling Capacity (Min ~ Max) (Watt)	3530 (600 ~ 3960)	5300 (900 ~ 6200)	6450 (1500 ~ 7000)
	Heating Capacity (Min ~ Max) (Watt)	4100 (600 ~ 5130)	5700 (950 ~ 6800)	7000 (1200 ~ 7800)
	Cooling Power Input (Min ~ Max) (Watt)	1100 (220 ~ 1450)	1600 (330 ~ 2200)	1985 (350 ~ 2500)
	Heating Power Input (Min ~ Max) (Watt)	1135 (220 ~ 1550)	1578 (320 ~ 2200)	1930 (350 ~ 2700)
	EER (W/W) Cooling	3.21 (2.73 ~ 2.73)	3.31 (2.73 ~ 2.82)	3.25 (2.29 ~ 2.8)
	EER (W/W) Heating	3.61 (2.73 ~ 3.31)	3.61 (2.97 ~ 3.09)	3.63 (3.43 ~ 2.89)
	Running Current (Cooling in Amps)	5.0 (1.0 ~ 6.6)	7.3 (1.5 ~ 10.1)	9.1 (1.6 ~ 11.2)
	Running Current (Heating in Amps)	5.2 (1.0 ~ 7.1)	7.2 (1.5 ~ 10.1)	8.8 (1.6 ~ 12.4)
	Moisture Removal (Litres/Hour)	1.2	1.8	2
	Air Flow Volume (Wet CFM) (High / Medium / Low)	330 / 241 / 176	400 / 330 / 270	470 / 400 / 330
	Noise Level Indoor (High / Medium / Low) in dB	39 / 31 / 25	40 / 37 / 32	42 / 37 / 32
Features	Modes	(Auto / Cool / Heat / Fan / Dry)		
	Turbo Cooling	Yes	Yes	Yes
	Sleep Mode	Yes	Yes	Yes
	Timer On / Off	Yes	Yes	Yes
	Horizontal Louvre / Vertical Swing	Motorized	Motorized	Motorized
	Vertical Louvre / Horizontal Swing	Manual	Manual	Manual
	Air Flow Direction Control	Yes	Yes	Yes
	Auto Restart With Memory Function	Yes	Yes	Yes
	Fan Modes	(Auto / High / Medium / Low)		
	i Feel	Yes	Yes	Yes
	Blow	Yes	Yes	Yes
	Anti Freeze Thermostat	Yes	Yes	Yes
	Self Diagnosis	Yes	Yes	Yes
	LED Display In IDU	Yes	Yes	Yes
	Filter Configuration	Catechin / Silver Ion / Anti Bacterial / Anti - Acarien / Active Carbon / Vitamin C / Dust Filter		
	Special Health Filter	Cold Plasma		
	Evaporator Fins	Hydrophilic Blue Fins		
Condensor Fins	Anti Corrosive Blue Fins			
Dimensions, Weight & Input Power Supply	Expansion Device in ODU	Capillary	Capillary	Capillary
	IDU Dimension (W X H X D) mm	770 X 283 X 201	865 X 305 X 215	1008 X 319 X 221
	Input Power Supply	Indoor Unit	Indoor Unit	Indoor Unit
	Net Weight IDU	9 Kg	12 Kg	15 Kg
	ODU Dimension (W X H X D) mm	658 X 550 X 275	899 X 596 X 378	955 X 700 X 396
	Noise Level Outdoor In dBA	53	54	54
Compressor	Net Weight ODU	30 Kg	38 Kg	52 Kg
	Compressor Type	Inverter Rotary	Inverter Rotary	Inverter Rotary
	Compressor Warranty	5 Year	5 Year	5 Year
Refrigerant & Ambient Operations	Acoustic Jacket On Compressor	Yes	Yes	Yes
	Refrigerant	R410A	R410A	R410A
	Ambient Temp (Cooling) °C	10°C ~ 46°C	10°C ~ 48°C	10°C ~ 48°C
	Ambient Temp (Heating) °C	-15°C ~ 24°C	-15°C ~ 24°C	-15°C ~ 24°C
Remote	Defrosting Method	Automatic Defrosting		
	Remote	Large Backlit LCD		
Tube Size & Piping Capability	Night Glow Function On Remote Buttons	No	No	No
	Suction Tube Size Outer Diameter Inch (mm)	3/8" (9.52 mm)	1/2" (12 mm)	1/2" (12 mm)
	Liquid Tube Size Outer Diameter Inch (mm)	1/4" (6 mm)	1/4" (6 mm)	1/4" (6 mm)
	Max Piping Capability Total (Metre)	15	20	20
	Max Piping Capability Vertical (Metre)	7	10	10
Refrigerant Additional Charge Beyond 4m (g/m)	20	20	20	

R410A DC INVERTER S

MODEL NO		CNHW125BF	CNHW185BF
Performance Parameters	Nominal Capacity (Tr)	1 Tr	1.5 Tr
	(Rated) Voltage / Frequency / Phase	230 V / 50Hz / Single	230 V / 50Hz / Single
	Cooling Capacity (Min~Max) (Watt)	3500 (510 – 3900)	5275 (1260 – 6600)
	Cooling Power Input (Min~Max) (Watt)	1080 (230 – 1300)	1600 (380 – 2650) Watt
	EER (W / W) Cooling	3.24 (2.22 – 3)	3.3 (3.32 – 2.49)
	Running Current (Cooling In Amps)	4.9 (1.1 – 5.9)	7.3 (1.7 – 12.1)
	Moisture Removal (Litres/Hour)	1.4	1.8
	Air Flow Volume (Wet CFM) (High / Medium / Low)	294 / 235 / 177	460 / 382 / 324
	Noise Level Indoor (High/ Medium/ Low) In dB	39 / 36 / 33	44 / 40 / 35
Features	Modes	(Auto/ Cool / Fan / Dry)	
	Turbo Cooling	Yes	Yes
	Sleep Mode	Yes	Yes
	Timer On / Off	Yes	Yes
	Horizontal Louvre / Vertical Swing	Motorized	Motorized
	Vertical Louvre / Horizontal Swing	Manual	Manual
	Air Flow Direction Control	Yes	Yes
	Auto Restart With Memory Function	Yes	Yes
	Fan Modes	(Auto / High / Medium / Low)	
	I Feel	Yes	Yes
	Blow	Yes	Yes
	Anti Freeze Thermostat	Yes	Yes
	Self Diagnosis	Yes	Yes
	LED Display in IDU	Yes	Yes
	Filter Configuration	Catechin / Silver Ion / Anti Bacterial / Anti - Acarien / Active Carbon / Vitamin C / Dust Filter	
	Special Health Filter	Cold Plasma	
	Evaporator Fins	Hydrophilic Blue Fins	
Condensor Fins	Anti Corrosive Blue Fins		
Dimensions, Weight & Input Power Supply	Expansion Device In ODU	Capillary	Capillary
	IDU Dimension (W X H X D) mm	845 X 275 X 180	940 X 298 X 200
	Input Power Supply	Indoor Unit	Outdoor Unit
	Net Weight IDU	11 Kg	13 Kg
	ODU Dimension (W X H X D) mm	776 X 540 X 320	899 X 596 X 378
	Noise Level Outdoor In dBA	52	54
	Net Weight ODU	29 Kg	37 Kg
Compressor	Compressor Type	Inverter Rotary	Inverter Rotary
	Compressor Warranty	5 Year	5 Year
	Acoustic Jacket On Compressor	Yes	Yes
Refrigerant & Ambient Operations	Refrigerant	R410A	R410A
	Ambient Temp (Cooling) °C	18°C~43°C	18°C~43°C
	Defrosting Method	Automatic Defrosting	
Remote	Remote	Backlit LCD	
	Night Glow Function On Remote Buttons	No	No
Tube Size & Piping Capability	Suction Tube Size Outer Diameter Inch (mm)	3/8" (9.52 mm)	1/2" (12 mm)
	Liquid Tube Size Outer Diameter Inch (mm)	1/4" (6 mm)	1/4" (6 mm)
	Max Piping Capability Total (Metre)	15	20
	Max Piping Capability Vertical (Metre)	7	10
	Refrigerant Additional Charge Beyond 4m (g/m)	15	15