

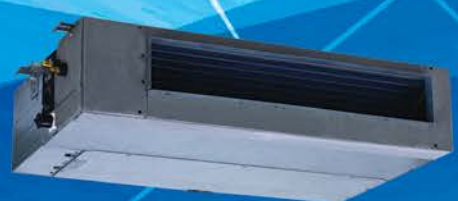


Comfort at it's best

- ALL EASY SERIES -



22 SEER



HERE IS THE NEW ALL EASY HEAT PUMP FROM DIRECT AIR

Up to 22 SEER

12,000 Btu/H indoor unit only 32 inches long

HSPF of 10 in zone IV

Functions in temperatures as low as -25°C

Wi-Fi Ready

Energy Star and AHRI listed

10 years limited warranty



SPECIFICATIONS

Model	MSAEB-09HRFN1-MTOW	MSAEB-12HRFN1-MTOW	MSAED-18HRFN1-MTOW	MSAED-23HRFN1-MTOW
Cooling Capacity Min/Max (Btu/h)	3500 - 12000	3500 - 13500	5500 - 20000	9000 - 27000
Heating Capacity Min/Max (Btu/h)	3000 - 13000	5000 - 13500	6000 - 23000	10000 - 30000
Heating Capacity -15°C (Btu/h)	6500	7000	12500	15000
Heating Capacity -25°C (Btu/h)	5000	5500	10000	13500
SEER	20,5	20,7	22	20
EER	14	12,5	13	12,5
HSPF Region 5	8,1	7,6	8,7	8,9
HSPF Region 4	10	9,6	10	10
Refrigerant	R410A			
Voltage	208-230V 1Ph/60HZ			
Breaker Amps	15	15	20	25
Control	Remote			
Indoor Unit				
Air Flow H-M-L (CFM)	271/229/165	306/265/200	589/483/353	589/483/353
Fan Speeds	Hi-Med-Low	Hi-Med-Low	Hi-Med-Low	Hi-Med-Low
Noise H-M-L (dB)	39.5/34/25	39.5/35/28	47/41/32	47/41/33
Width(mm/in)	804 / 31.65	804 / 31.65	1106 / 43.54	1106 / 43.54
Height(mm/in)	300 / 11.8	300 / 11.8	342 / 13.46	342 / 13.46
Depth(mm/in)	193 / 7.6	193 / 7.6	232 / 9.13	232 / 9.13
Weight (Kg/lbs)	8,5 / 18,74	8,5 / 18,74	13,2 / 29,1	13,2 / 29,1

Due to Direct Air's policy of continuous product improvement specifications are subject to change without notice

Each DIRECT AIR MINI-SPLIT HEAT PUMP SYSTEM COMES WITH THESE STANDARD FEATURES

All-Easy: Highly simplified maintenance thanks to its new unique design.

Turbo Mode : This function will heat or cool a room to the desired temperature more rapidly. Combines a horizontal and a vertical sweep.

Low Ambient Kit : The air conditioner equipped with the low ambient kit can be used even if the outdoor temperature is as low as 0°C.

Energy saving Protection : When the outdoor temperature reaches -35°C, the unit will turn off by itself to save energy.

Auto-restart : If the unit shuts down unexpectedly due to power outage, it will restart with the previous function setting automatically when the power returns.

Refrigerant Leakage Detect : Indoor unit will display error code EC and automatically stop when refrigerant leakage is detected to protect compressor from overheating in air conditioning mode.

Follow Me : When in Follow Me mode, the temperature sensor built into the remote control is activated and replaces the sensor of the indoor unit. The remote control will now control the temperature in the room where it is present.

PTC Heat Strap : The PTC heat strap prevents the accumulation of snow and ice at the base of the outdoor unit.

Wi-Fi: Ready to receive the USB device for Wi-Fi option.



REMOTE CONTROL UNIT

1 - Mode: Auto – cool – heat dry – fan. Cycles through the different modes at each press of the button.

2 - Fan speed: Chooses the fan speed in 4 steps; Auto, Low, Medium, High.

3 - Sleep: Adjusts the temperature and maintains it for 5 hours before shutting down.

4 - Turbo: Allows the fan to operate at high speed to reach the set temperature faster.

5 - Led: Allows to display or not the information in the display window.

6 - Temp: Sets the desired temperature up or down.

7 - Silence: The compressor operates at low frequencies and the indoor unit emits a light breeze running more silently.

8 - Timer: Sets the start and stop time of the HP in increments of 30 minutes.

9 - Swing: Adjusts the angle of the louvers to direct the air where you want it.

10 - Follow-me: Starts the thermostatic function in Follow-Me and displays actual temperature of room and adjusts it according to set temperature.



DUCT UNIT



- Installs in the ceiling or attic to be very discreet
- Return air in back or under according to the type of installation
- Simple maintenance of the filter
- Allows an air intake from outside without using the heating or air conditioning functions
- Integrated condensate pump
- Remote control and programmable wall control included
- Electric coil option



DUCT UNIT			
Indoor unit		CTBU-09HWFN1-M(C)	CTBU-12HWFN1-M(C)
Capacity			
Capacity (Btu/h)	Cooling	9 000	12 000
Capacity (Btu/h)	Heating	10 000	12 000
Performance			
Air Flow (cfm)	Hi/Med/Lo	335/290/240	370/320/260
Noise Level (dB(A))	Hi/Med/Lo	39/37/33	40/38/33
Dimension & Weight			
Dimensions (mm)	W*H*D	700x210x635	700x210x635
Dimensions (inches)	W*H*D	27.56x8.27x25	27.56x8.27x25
Weight (kg)		18,1	18,1
Weight (lbs)		39,9	39,9
Piping Size (inches)	Liquid	1/4"	1/4"
Piping Size (inches)	Gas	3/8"	1/2"
Indoor unit		CTBU-18HWFN1-M(C)	CTBU-24HWFN1-M(C)
Capacity			
Capacity (Btu/h)	Cooling	18 000	24 000
Capacity (Btu/h)	Heating	18 000	24 000
Performance			
Air Flow (cfm)		520/430/360	820/620/520
Noise Level (dB(A))		36/34/30	50/46/45
Dimensions & Weight			
Dimensions (mm)	L*H*P	920x210x635	920x270x635
Dimensions (inches)	L*H*P	36.22x8.27x25	36.22x10.63x25
Weight (kg)		23	26
Weight (lbs)		50,7	57,32
Piping Size (inches)	Liquid	1/4"	3/8"
Piping Size (inches)	Gas	1/2"	5/8"

4-WAY CASSETTE



Compact design installs in a ceiling using hooks located in corners

Built-in electric control E-Box allows easy installation and maintenance simply by opening the return air grid

Elegant panel distributes air at 360° to maximize comfort

Allows air intake from outside without using the heating or air conditioning functions

Integrated condensate pump

Remote control and wall control included

Two round ducts can be installed to reach other rooms

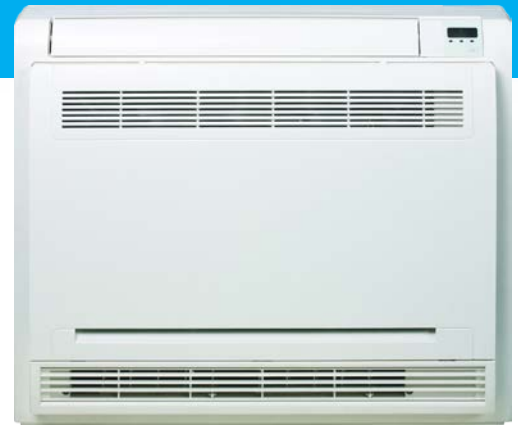
4-WAY CASSETTE					
Indoor unit		CCA3U-09HRFN1-M(C)	CCA3U-12HRFN1-M(C)	CCA3U-18HRFN1-M(C)	MCDU-24HRFN1-M(C)
Capacity					
Capacity (Btu/h)	Cooling	9 000	12 000	18 000	24 000
Capacity (Btu/h)	Heating	9 000	12 000	18 000	24 000
Performance					
Air Flow (cfm)		353/306/271	338288/248	562/485/439	820/740/590
Noise Level (dB(A))	Hi/Med/Lo	41/39/37	41/38/35	46/43/41	51/47/43
Dimensions & Weight					
Dimensions (mm)	W*H*D	570x260x570	570x260x570	570x260x570	840x205x840
Dimensions (inches)	inch	22.44x10.24x22.44	22.44x10.24x22.44	22.44x10.24x22.44	33.07x8.07x33.07
Weight (kg)		16	16	18	21
Weight (lbs)		35,27	35,27	39,68	46,3
Dimensions (mm)(Panel)	W*H*D	647x647x50	647x647x50	647x647x50	950x950x55
Dimensions (inches)(Panel)	inch	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97	37.4x37.4x2.17
Piping Size (inches)	Liquid	1/4"	1/4"	1/4"	3/8"
Piping Size (inches)	Gas	3/8"	1/2"	1/2"	5/8"

CONSOLE

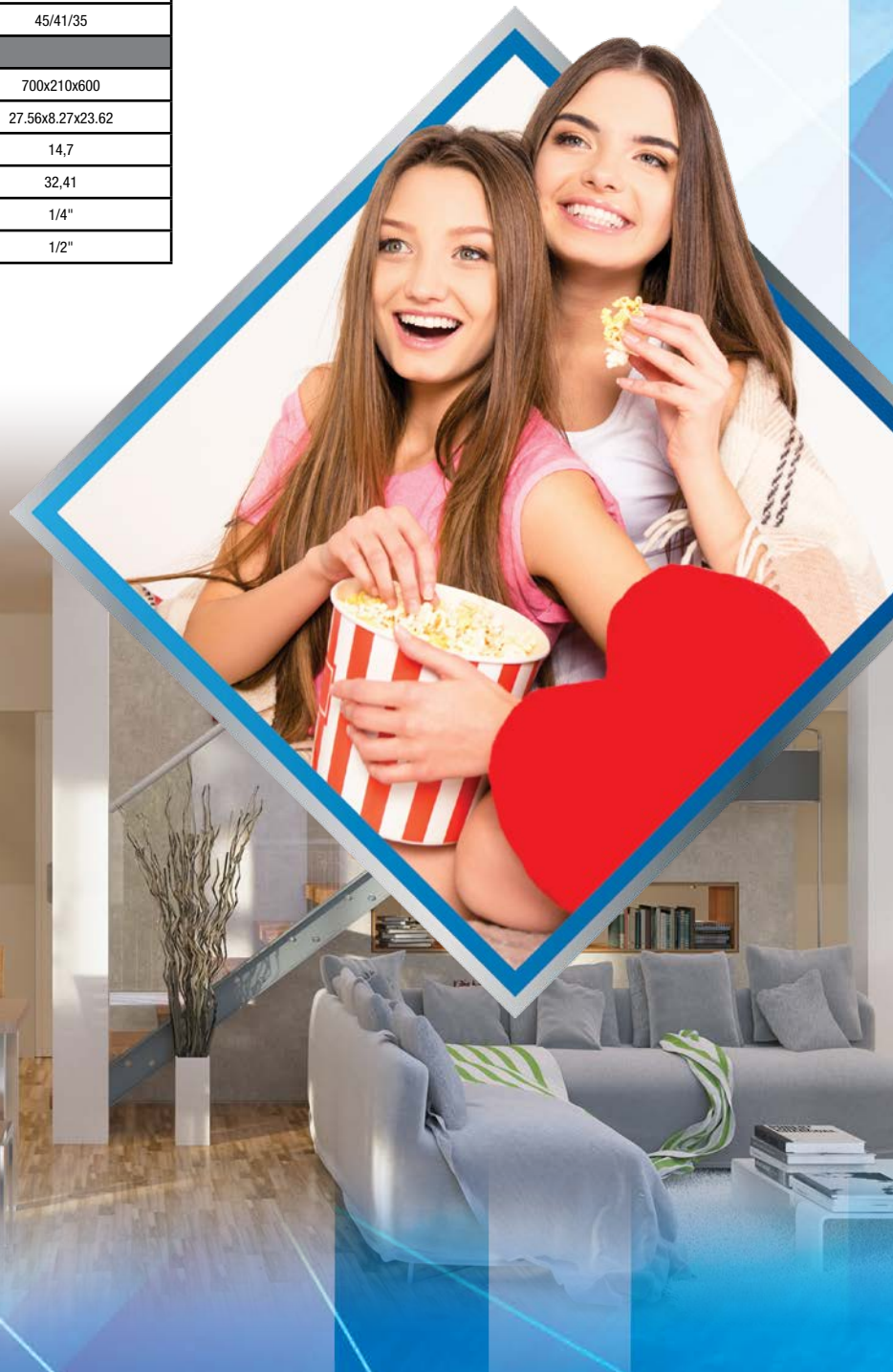
Modern design with simple lines that harmonize with your environment

Ultra quiet 3-speed DC fan motor, energy-efficient

Wide angle air diffusion.



CONSOLE			
Indoor unit		CFAU-09HRFN1-M(C)	CFAU-12HRFN1-M(C)
Capacity			
Capacity (Btu/h)	Cooling	9 000	12 000
Capacity (Btu/h)	Heating	10 000	12 000
Performance			
Air Flow (cfm)		374/342/289	365/318/248
Noise Level (dB(A))	Hi/Med/Lo	45/41/35	45/41/35
Dimension & Weight			
Dimensions (mm)	W*H*D	700x210x600	700x210x600
Dimensions (inches)	inch	27.56x8.27x23.62	27.56x8.27x23.62
Weight (kg)		14,7	14,7
Weight (lbs)		32,41	32,41
Piping Size (inches)	Liquid	1/4"	1/4"
Piping Size (inches)	Gas	3/8"	1/2"



LIMITED WARRANTY

HEAT PUMPS OF THE **MSAE** SERIES HAVE A
**10 YEARS LIMITED WARRANTY ON THE
COMPRESSOR, 5 YEARS ON PARTS AND
5 YEARS ON LABOUR WHEN INSTALLED IN A
RESIDENTIAL DWELLING.**

1 YEAR WARRANTY ON COMPRESSOR AND 5 YEARS ON PARTS
WHEN INSTALLED IN COMMERCIAL APPLICATIONS.



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