

 **DIRECT AIR**



**COMFORT
AT ITS BEST**



SERIES



UP TO **23.5 SEER**
UP TO **11.5 HSPF**



WHY CHOOSE DIRECT AIR?

Direct Air units are manufactured based on high quality standards and allow us to provide the market with superior quality products, durability and have one of the best warranties on the market

PRODUCTS LINES

Direct Air offers you a wide selection of air quality products such as ventilation systems, electric furnaces, high efficiency filters, air conditioners and heat pumps for your home and business.

ACCREDITATIONS



* Certain models are Energy Star and NEEP

Temperature Operation:

AIR CONDITIONING -25°C TO 50°C

HEATING -25°C TO 30°C

- Up to 23.5 SEER
- HSPF up to 11.5
- Working temperature as low as -25°C
- Energy Star listed
- 5 years limited warranty

All indoor units are compatible with single/multi-zone systems and include:

- * Automatic restart
- * Automatic defrosting
- * 24-hour timer
- * Low temperature air conditioning



SINGLE ZONE INSTALLATION

OUTDOOR UNITS



SPECIFICATIONS					
Model		MOBA30-09HFN1-MTOW	MOB30-12HFN1-MTOW	MOCA31-18HFN1-MTOW	MOD31-24HFN1-MTOW
Outdoor noise level	dB(A)	59	57	59	61
Dimensions (W*D*H)	mm	800x333x554	800x333x554	845x363x702	946x410x810
Dimensions (W*D*H)	inch	31.5x13.11x21.81	31.5x13.11x21.81	33.27x14.29x27.64	37.24x16.14x31.89
Weight	Kg/lb	40/88.2	40/88.2	48.7/107.4	61.5/135.6
Breaker max	(A)	15	15	20	25
Voltage		208-230/1/60			

INDOOR UNITS



3D Ventilation

HIGH WALL UNITS

Sleep mode
12 Fan speed levels
Turbo mode
Left or right drain

Refrigerant leak detector
Biofilter
Position memory function shutters

Golden fins
"Follow me" function
Self-cleaning

SPECIFICATIONS					
Indoor model		CS11M-09HRFN1-MX-OW(A)	CS11M-12HRFN1-MU5W	CS11M-18HRFN1-MTOW	CS11M-23HRFN1-MTOW*
Cooling capacity (min/max)	Btu/h	3100/12030	3790/12730	4500/18000	7600/27510
Heating capacity (min/max)	Btu/h	3009/12700	3880/13660	4870/19590	7800/29740
EER	Btu/w	14.9	13.7	13.0	13.7
SEER	Btu/w	23.5	22.7	21	20.7
HSPF region 4/5		10.8/9.1	11/9	10.4/9	11.5/9.8
Indoor air flow (Hi/Mi/Lo)	CFM	370/268/196	371/274/198	530/410/295	695/624/485
Indoor noise level (Hi/Mi/Lo)	dB(A)	41.7/33.4/26.5	45.1/35.8/28.6	46.2/36.3/30.9	51.7/44.5/ 35.1
Dimensions (W*D*H)	mm	835x198x280	835x198x280	990x218x315	1186x258x343
Dimensions (W*D*H)	inch	32.87x7.80x11.02	32.87x7.80x11.02	38.98x8.58x12.40	46.69x10.16x13.39
Weight	Kg/lb	9/19.9	9/19.9	12.2/26.9	18.1/39.9
Refrigerant piping	Liquide/Gaz	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8
Outdoor model		MOBA30-09HFN1-MTOW	MOB30-12HFN1-MTOW	MOCA31-18HFN1-MTOW	MOD31-24HFN1-MTOW

DUCT UNITS

WiFi™ Optional



- Built-in drain pump
- Flexible air intake (back or top)
- Filter
- Variable static pressure control
- Remote control and programmable wall control included
- Anti-corrosion coating of the fins
- * Electric duct heater optional
- * Available for vertical installation

Model		MTIU-09HWFN1-M	MTIU-12HWFN1-M	MTIU-18HWFN1-M	MTIU-24HWFN1-M
Cooling capacity	Btu/h	9000	12000	18000	24000
Heating capacity	Btu/h	10000	12000	18000	24400
EER	Btu/w	13.5	12.5	12.5	12.5
SEER	Btu/w	20.5	21.5	19	21
HSPF region 4/5		11.5/10	11.5/9	10.5/9	11/9.5
Indoor air flow (Hi/Mi/Lo)	CFM	353/283/177	353/283/177	530/450/371	776/694/435
Indoor noise level (Hi/Mi/Lo)	dB(A)	38/25/32	38/26/33.5	39/37/35	44/41/38
ESP Range	In. wg.	0-0.16	0-0.16	0-0.40	0-0.64
Dimensions (W*D*H)	mm	700/450/200	700/450/200	880x674x210	1100x774x249
Dimensions (W*D*H)	inch	27.6x17.7x7.9	27.6x17.7x7.9	34.7x28.5x8.3	43x30x10
Weight	Kg/lb	17.7/37.5	17.7/37.5	24.5/54	39.4/87
Refrigerant piping	Liquid/Gas	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8

4-WAY CASSETTE

WiFi™ Optional



- Built-in drain pump
- Flexible air intake (back or top)
- Filter
- Variable static pressure control
- Remote control and programmable wall control included
- Anti-corrosion coating of the fins

Model		CCA3U-09HRFN1-M(C)	CCA3U-12HRFN1-M(C)	CCA3U-18HRFN1-M(C)	MCDU-24HRFN1-M(C)
Cooling capacity	Btu/h	9000	12000	18000	24000
Heating capacity	Btu/h	10000	12000	18000	24400
EER	Btu/w	13	14	12.5	12.5
SEER	Btu/w	20	21.5	20	20
HSPF region 4/5	0	10.5/8.4	10.5/8.4	10.3/8.8	10.5/8.4
Indoor air flow (H/M/Lo)	CFM	374/301/257	379/309/261	560/483/415	700/636/573
Indoor noise level (H/M/Lo)	dB(A)	41/37/33	43/39/36	44/39/36	51/47/43
Dimensions (W*D*H)	mm	570x570x260	570x570x260	570x570x260	840x840x205
	inch	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24	33.07x33.07x8.07
Weight	Kg/lb	14.5/32	16/35.3	16.1/35.5	21/46.3
Panel dimensions (W*H*D)	Liquid/Gas	647x647x50	647x647x50	647x647x50	950x950x55
	inch	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97	37.4x37.4x2.17
Weight	Kg/lb	2.5/5.5	2.5/5.5	2.5/5.5	5/11.1
Refrigerant piping	Liquid/Gas	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8

FLOOR/CELLING UNITS

WiFi™ Optional

SPECIFICATIONS			
Model		MUEU-18HRFN1-M(C)	MUEU-24HRFN1-M(C)
Cooling capacity	Btu/h	18000	24000
Heating capacity	Btu/h	18000	24000
EER	Btu/w	12.5	12.5
SEER	Btu/w	20	20
HSPF region 4/5		10.5/8.8	11/9
Indoor air flow (H/M/Lo)	CFM	578/521/465	759/708/598
Indoor noise level (H/M/Lo)	dB(A)	47/44/39	53/48/42
Dimensions (W*D*H)	mm	1068x675x235	1068x675x235
Dimensions (W*D*H)	inch	42.05x26.57x9.25	42.05x26.57x9.25
Weight	Kg/lb	25/55.1	26.5/58.4
Refrigerant piping	Liquid/Gas	1/4 - 1/2	3/8 - 5/8



- Built-in drain pump
- Left or right drain connection
- Wide-angle air distribution
- Covering and corrosion of the fins
- Wireless remote control included

CONSOLE

WiFi™ Optional

Model		CFAU-12HRFN1-M(C)
Cooling capacity	Btu/h	12,000
Heating capacity	Btu/h	12000
EER	Btu/w	13
SEER	Btu/w	21
HSPF region 4/5		10/8
Indoor air flow (H/M/L)	CFM	321/276/201
Indoor noise level (H/M/Lo)	dB(A)	48/46/37
Dimensions (W*D*H)	mm	700x600x210
Dimensions (W*D*H)	inch	27.56x23.62x8.27
Weight	Kg/lb	15.4/34
Refrigerant piping	Liquid/Gas	1/4 - 1/2



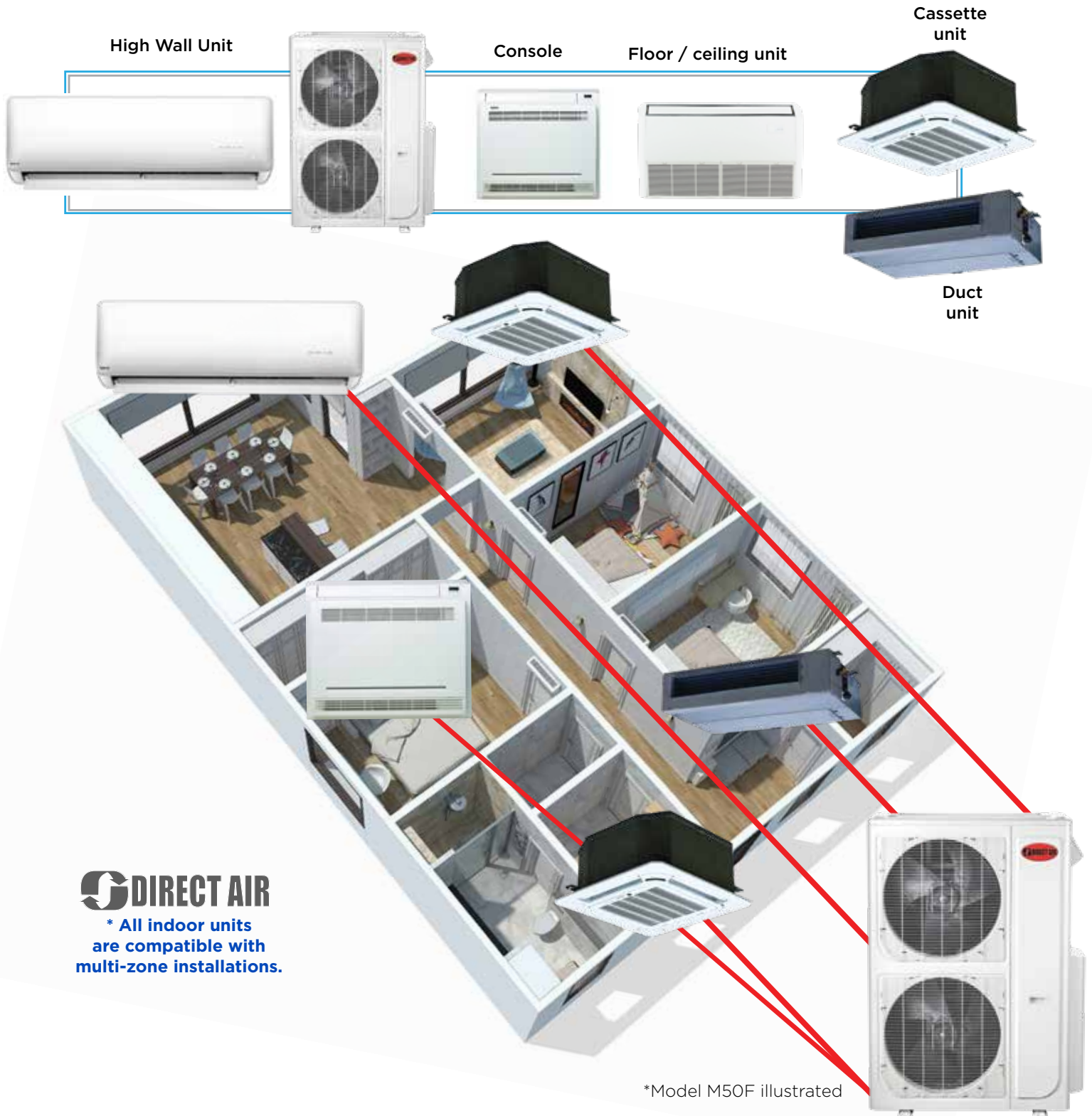
- Wide-angle air diffuser
- Remote control
- Wall thermostat (optional)



MULTI ZONE INSTALLATION

INDOOR UNITS

The Direct Air heat pump selection with Inverter technology now offers more installation possibilities to meet the specific needs of condos or commercial premises. In addition to the popular wall-mounted unit, Direct Air also offers 4 other types of Inverter units with elegant and discreet designs that will meet your heating and cooling needs: duct unit, wall console, 4-way cassette unit and ceiling/floor console.



DIRECT AIR

* All indoor units
are compatible with
multi-zone installations.

*Model M50F illustrated

OUTDOOR UNITS

Model	M2OF-18HFN1-M	M3OF-27HFN1-M	M4OF-36HFN1-M	M5OF-48HFN1-M
Cooling capacity (min/max)	4500-21000	7000-33500	7000-41500	7000-53000
Heating capacity (min/max)	3000-24500	4000-36000	5000-42000	6000-55000
Max Heating capacity (Btu/h) @ -20°C	6479	12406	14133	19875
Refrigerating	R410A	R410A	R410A	R410A
Voltage	208-230V 1Ph/60HZ	208-230V 1Ph/60HZ	208-230V 1Ph/60HZ	208-230V 1Ph/60HZ
Minimum amperage	18.0	25.0	30.0	35.0
Maximum circuit breaker	25.0	35.0	45.0	50.0
Noise Level (Db)	62,4	63,4	62,3	64
Width (mm/inch)	845/33.27	946/37.24	946/37.24	952/37.48
Height (mm/inch)	702/27.64	810/31.89	810/31.89	1333/52.48
Depth (mm/in)	363x/14.29	410/16.14	410/16.14	415/16.34
Weight (Kg/lb)	48/105.82	68/149.91/	71/156.53	101.5/223.77
Refrigerant connection (in.)	2 X 1/4" - 3/8"	3 X 1/4" - 3/8"	4x1/4" - 3x3/8"+1x1/2"	5x1/4" - 3x3/8"+2x1/2"
Maximum overall length (ft)	98	148	197	246
Voltage	208-230/1/60			



*Model M50F illustrated

**WORKS
DOWN TO -25°C**

Some models and combinations are

Energy Star



COMBINATION RULES

	1 UNIT*	2 UNITS	3 UNITS	4 UNITS	5 UNITS
M2OF-18HFN1-M	12*	9+9 9+12			
M3OF-27HFN1-M	N/A	9+9 to 18+18	9+9+9 to 12+12+12		
M4OF-36HFN1-M	N/A	9+9 to 18+18	9+9+9 to 12+12+24	9+9+9+9 to 12+12+12+12	
M5OF-48HFN1-M	N/A	9+9 to 24+24	9+9+9 to 18+18+24	9+9+9+9 to 12+12+18+18	9+9+9+9+9 to 12+12+12+12+12

*See installation manual for all possible combinations

If the total load of the indoor units exceeds the rated capacity of the outdoor unit, the practical output capacity of each indoor unit will be attenuated. This situation is very obvious in heating mode

Rules: Outdoor unit capacity*0.66<= Total indoor unit capacity <= Outdoor unit capacity 1.33



Warranty

Direct air heat pumps include:
5 YEARS on parts, compressor and labour

**on commercial installation : 5 years on compressor and 1 year on parts*



SERIES

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