

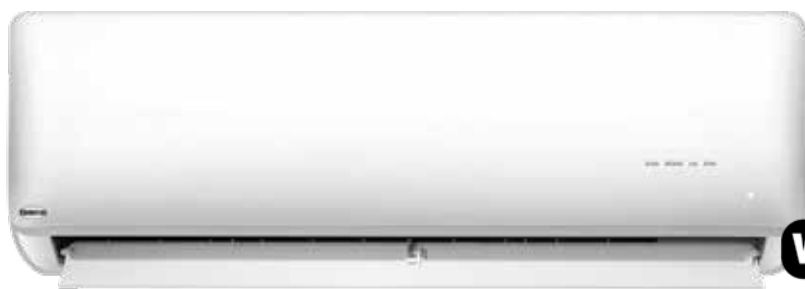
 **DIRECT AIR**



**HEAT**  
**HX**  
**EXTREM**



**SERIES**



COMFORT  
**AT ITS BEST**

UP TO **25 SEER**  
UP TO **12 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



\* Energy star and Neep on selected models



## Temperature Operation

**AIR CONDITIONING -30°C TO 50°C**

**HEATING -35°C TO 30°C**

- Up to 25 SEER
- HSPF up to 12
- HeatExtrem works in temperatures as low as -35°C
- 100% efficiency at -15°C
- Wi-Fi Ready
- Energy Star and AHRI listed
- 10 year limited warranty

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

- Auto restart
- Auto defrost
- 24-hour timer
- Low ambient cooling

# Single Zone Installation

## Outdoor units



### SPECIFICATIONS

MODEL		MOB30-09HFN1-MXOW	MOB30-12HFN1-MVOW	MOCA30-18HFN1-MTOW	MOX430-17HFN1-MTOW	MOD30-24HFN1-MTOW
Outdoor noise level	dB(A)	59	57	59	59	61
Dimensions (W*D*H)	mm	800x333x554	800x333x554	845x363x702	890x342x673	946x410x810
Dimensions (W*D*H)	inch	31.5x13.11x21.81	31.5x13.11x21.81	33.27x14.29x27.64	35.04x13.46x26.50	37.24x16.14x31.89
Weight	Kg/lb	40/88.2	40/88.2	48.7/107.4	45.8/101	37.2 / 31.9 / 16.5
Breaker Max (A)		15	15	20	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-MXOW(A)	CS11M-12HRFN1-MU5W	CS11M-18HRFN1-MTOW	CS11M-18HRFN1-MTOW	CS11M-23HRFN1-MTOW
Cooling Capacity Min/Max	Btu/h	3100/12580	3730/12830	6100/19960	8400/20900	7150/24500
Heating Capacity Min/Max	Btu/h	2750/14360	3660/15140	6300/24700	12000/20900	7500/31200
EER	Btu/w	15	13	13	12.5	13
SEER	Btu/w	25	23	20	20.5	21
HSPH region 4/5		11.2/9.1	12/9.9	10.3/8.8	11/9.6	11.5/9.6
Indoor air flow H/M/L	CFM	370/268/196	371/274/198	530/410/295	530/410/295	695/624/485
Indoor noise level H/M/L	dB(A)	41.7/33.4/26.5	45.1/35.8/28.6	46.2/36.3/30.9	46.2/36.3/30.9	51.7/44.5/ 35.1
Dimensions (W*D*H)	mm	835x198x280	835x198x280	990x218x315	990x218x315	1186x258x343
Dimensions (W*D*H)	inch	32.87x7.80x11.02	32.87x7.80x11.02	38.98x8.58x12.40	38.98x8.58x12.40	46.69x10.16x13.39
Weight	Kg/lb	9/19.9	9/19.9	12.2/26.9	12.2/26.9	18.1/39.9
Refrigerant piping	Liquid/Gas	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8
Outdoor model		MOB30-09HFN1-MXOW	MOB30-12HFN1-MVOW	MOCA30-18HFN1-MTOW	MOX430-17HFN1-MTOW	MOD30-24HFN1-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	16500	24000
Heating Capacity	Btu/h	10000	12000	19000	24000
EER	Btu/w	13.5	12.5	12.5	12.5
SEER	Btu/w	23	20.5	19.6	20.5
HSPH region 4/5		12/10	11/9.5	11/9.3	12.5/10.6
Indoor air flow H/M/L	CFM	353/283/177	353/283/177	530/450/371	776/694/435
Indoor noise level H/M/L	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	16000	24,000
Heating Capacity	Btu/h	10000	12000	18000	24,000
EER	Btu/w	13	13	13	11
SEER	Btu/w	20	19.5	20	20
HSPH region 4/5		10.8/9.4	10.6/9.2	11/9.1	10.5/8.4
Indoor air flow H/M/L	CFM	374/301/257	379/309/261	560/483/415	700/636/573
Indoor noise level H/M/L	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*D*H)	mm	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/ ceiling units



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

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	11.5
SEER	Btu/w	19.9	20
HSPH region 4/5		10.6/9.2	11.5/10
Indoor air flow H/M/L	CFM	578/521/465	759/708/598
Indoor noise level H/M/L	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

# Console

MODEL		CFAU-12HRFN1-M(C)
Cooling Capacity	Btu/h	12,000
Heating Capacity	Btu/h	12000
EER	Btu/w	13
SEER	Btu/w	20.5
HSPH region 4/5		10.5/9.2
Indoor air flow H/M/L	CFM	414/361/267
Indoor noise level H/M/L	dB(A)	50/46/37
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)

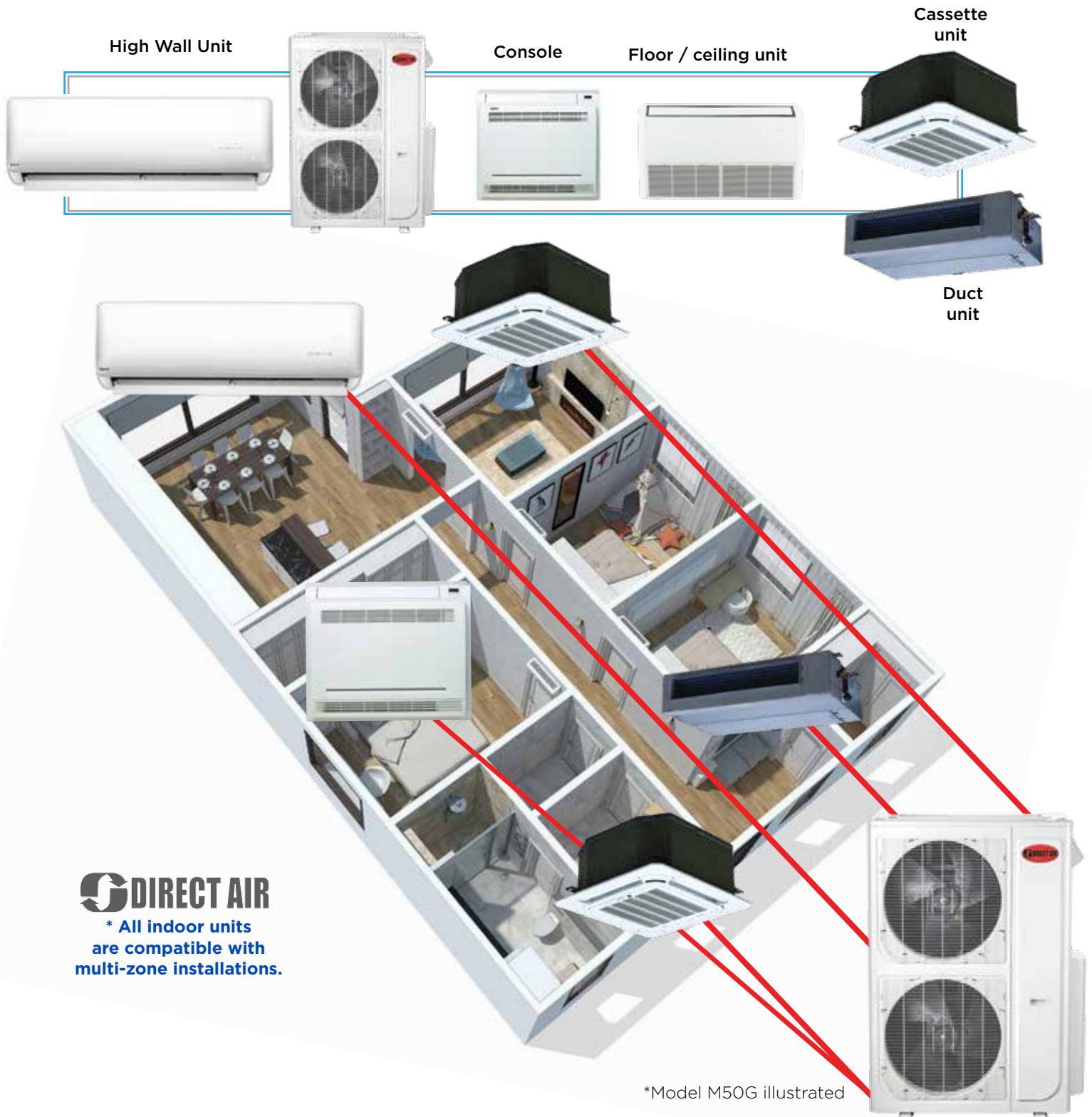




# Multi Zone Installation

## 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 M50G illustrated

# Outdoor units

MODEL	M2OH-18HFNI-M	M3OH-27HFNI-M	M4OH-36HFNI-M	M5OG-48HFNI-M
Cooling capacity Min/Max (Btu/h)	4500-21000	7000-33500	7000-41500	7000-53000
Heating capacity Min/Max (Btu/h)	3000-24500	4000-36000	5000-42000	6000-55000
Max. heating capacity (Btu/h) @ -20°C	6479	12406	14133	19875
Refrigerant	R410A	R410A	R410A	R410A
Voltage	208-230V 1Ph/60HZ	208-230V 1Ph/60HZ	208-230V 1Ph/60HZ	208-230V 1Ph/60HZ
Min circuit ampacity (A)	18.0	25.0	30.0	35.0
Maximum breaker (A)	25.0	35.0	45.0	50.0
Noise level (Db)	62,4	63,4	62,3	64
Lenght (mm/po)	845/33.27	946/37.24	946/37.24	952/37.48
Hight (mm/po)	702/27.64	810/31.89	810/31.89	1333/52.48
Depth (mm/po)	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 connexion (po)	2 X 1/4" - 3/8"	3 X 1/4" - 3/8"	4x1/4" - 3x3/8"+1x1/2"	5x1/4" - 3x3/8"+2x1/2"
Total maximum lenght (pi)	98	148	197	246
Min circuit amp (A)	25	30	35	35
Max breaker (A)	35	45	50	50
Voltage	208-230/1/60			

**WORKS DOWN TO -35°C**

Some models and combinations are Energy Star



\*Model M5OG illustrated

## Combination rules

	1 UNIT**	2 UNITS	3 UNITS	4 UNITS	5 UNITS
M2OH-18HFNI-M	12*	9+9 9+12			
M3OH-27HFNI-M	N/A	9+9 to 18+18	9+9+9 to 12+12+12		
M4OH-36HFNI-M	N/A	9+9 to 18+18	9+9+9 to 12+12+24	9+9+9+9 to 12+12+12+12	
M5OG-48HFNI-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

**10 YEARS LIMITED** on the compressor

**5 YEARS** on parts

**5 YEARS** on labour

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

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