

LIGHT COMMERCIAL SOLUTIONS



# MAMBO

UNDER CEILING INVERTER AIR CONDITIONER



R-32 



FLEXIBLE INSTALLATION ON WALLS  
OR UNDER CEILING



REVERSIBLE UNIT WITH  
FULL INVERTER TECHNOLOGY



DUAL REFRIGERANT (R410A/R32) INDOOR  
UNITS TO REDUCE INVENTORY



EASY INSTALLATION AND MAINTENANCE  
THANKS TO THE DIRECT ACCESS TO ALL  
INTERNAL COMPONENTS AND THE GRILLE  
REMOVAL



INDOOR AIR QUALITY CAN BE INCREASED  
WITH A FRESH AIR INLET PLUG IN





# TECHNICAL CHARACTERISTICS



		MAMBO					
TECHNICAL CHARACTERISTICS		18K btu/hr*	24K btu/hr	36K btu/hr (Mono)	36K btu/hr (Tri)	48K btu/hr (Tri)	60K btu/hr (Tri)
Cooling capacity	kW	5.2	7.05	10.5	10.5	14.0	15.4
P design capacity cooling	kW	na	7.05	10.50	10.50	14.00	15.40
Temp range cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
SEER	W/W	6.1	6.3	6.6	6.5	6.1	6.1
EER	W/W	na	3.07	2.6	2.8	2.5	2.5
Energy label		A++	A++	A++	A++	A++	A++
Yearly energy consumption	kWh	na	392	557	565	803	884
Heating capacity	kW	5.2	7.4	12.5	10.8	15.6	18
Heating capacity at -7°C	kW	na	5.30	9.80	9.70	11.10	11.50
Heating capacity at -10°C	kW	na	5.50	8.40	8.30	10.50	11.10
Heating capacity at -15°C	kW	na	4.90	8.20	8.20	8.60	9.90
P design capacity heating(warmer)	kW	na	4.90	10.60	9.00	12.10	12.30
P design capacity heating(average)	kW	na	5.30	8.70	8.70	11.10	11.80
Temp range heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24
SCOP(average)/SCOP(warmer)	W/W	4.0/5.1	4.0/5.0	4.0/5.1	4.0/5.1	4.0/4.8	4.0/5.1
COP	W/W	na	3.47	3.6	3.6	2.80	2.9
Energy label		A+/A+++	A+/A+++	A+/A+++	A+/A+++	A+/A++	A+/A+++
Yearly energy consumption	kWh	na	1855 / 1372	3045 / 2910	3045 / 2471	3885 / 3529	4130 / 3376

INDOOR UNIT		42HU18V58C	42HU24V8C	42HU36V8C	42HU36V8C	42HU48V8C	42HU60V8C
Sound power level	dB(A)	na	62	63	63	66	68
Sound pressure level (high/med/low)	dB(A)	na	49 / 46 / 41	50 / 46 / 42	50 / 46 / 42	52 / 48 / 43	54 / 47 / 43
Air flow (high/med/low)	m³/h	na	1200 / 1070 / 850	2160 / 1840 / 1430	2160 / 1840 / 1430	2330 / 1930 / 1420	2450 / 1830 / 1430
Weight	kg	na	27	41.2	41.2	41.2	41.4
Dimensions (WxDxH)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235

OUTDOOR UNIT		38HU18V58C-1	38HU24V58C	38HU36V58C	38HU36VT8C	38HU48VT8C	38HU60VT8C
Sound power level	dB(A)	63	67	69	69	75	77
Sound pressure level	dB(A)	55.5	61	64	64	66	66
Airflow	m³/h	2000	2700	4000	4000	7500	7500
Weight	kg	33.7	49.5	67	81.5	107	112
Dimensions (WxDxH)	mm	800x333x554	845x363x702	946x410x810	946x410x810	952x415x1333	
Refrigerant amount	kg	1.15	1.50	2.40	2.40	2.80	2.95
Liquid side/ Gas side	inch	{1/4" / 1/2"}	{3/8" / 5/8"}	{3/8" / 5/8"}	{3/8" / 5/8"}	{3/8" / 5/8"}	{3/8" / 5/8"}
Standard piping length	m	5	5	5	5	5	5
Min piping length	m	3	3	3	3	3	3
Max piping length	m	30	50	65	65	65	65
Max height difference	m	20	25	30	30	30	30
Recommended additional charge	g/m	12	24	24	24	24	24
Voltage	V-ph-Hz	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	220-240V / 50Hz / 1Ph	380-415V / 50Hz / 3Ph	380-415V / 50Hz / 3Ph	380-415V / 50Hz / 3Ph
Standard current (cooling)	A	na	10.1	17.1	6.7	9.1	10.1
Standard input (cooling)	W	na	2230	3830	4000	5500	6050
Standard current (heating)	A	na	9.7	15.3	5.1	8.2	10.2
Standard input (heating)	W	na	2130	3450	2950	5030	6100

\*Preliminary data

## KEY FEATURES

- Follow me function, for airflow control.
- Washable filter.
- Refrigerant leak detection.
- Wireless remote control.

## CONTROLS



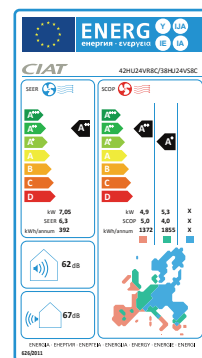
Wireless remote control (supplied as standard)



Wired control (option)



Central wired control Up to 64 units (option)



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