

OWNER'S MANUAL - PRODUCT FICHE

RELATED OWNER'S MANUAL CODE: LCAC

Trade Mark		MIDEA		
Model: Indoor		MFA2U-12HRFNX(GA)	MTIU-12HWFNX(GA)	MCA3U-12HRFNX(GA)
Model: Outdoor		MOX230-12HFN8-Q(GA)	MOX230-12HFN8-Q(GA)	MOX230-12HFN8-Q(GA)
Sound power level at standard rating conditions (Indoor/Outdoor)	[dB(A)]	55/63	58/62	57/62
Refrigerant type		R32	R32	R32
GWP		675	675	675
Charge amount	[g]	710	710	710
CO2 equivalent	[tonnes]	0.479	0.479	0.479
SEER	[W/W]	7.3	6.3	6.6
Energy efficiency class in cooling		A++	A++	A++
Annual electricity consumption in cooling [1]	[kWh/a]	168	197	186
Design load in cooling mode (Pdesign)	[kW]	3.5	3.5	3.5
SCOP (average heating season)	[W/W]	4.0	4.0	4.1
Energy efficiency class in heating (average season)		A+	A+	A+
Annual electricity consumption in heating (average season) [2]	[kWh/a]	910	945	922
Warmer heating season		Y	Y	Y
Colder heating season		—	—	—
Design load in heating mode (Pdesign)	[kW]	2.6	2.7	2.7
Declared capacity at reference design condition (heating average season)	[kW]	2.396	2.595	2.680
Back up heating capacity at reference design condition (heating average season)	[kW]	0.204	0.105	0.020
<p>Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [675]. This means that if 1kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [675] times higher than 1kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional</p>				
<p>Contains fluorinated greenhouse gases.</p>				
<p>Importer: FG EUROPE SA 128, VOULIAGMENIS AVE 16674 GLYFADA, GREECE</p>				
<p>Manufacturer: GD Midea Air-Conditioning Equipment Co., Ltd. Midea Industrial City, Beijiao, Shunde, Foshan, Guangdong, China, Zip code: 528311</p>				
<p>[1] [2] Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.</p>				

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Trade Mark		MIDEA			
Model: Indoor		MFA2U-17HRFNX(GA)	MTIU-18HWFNX(GA)	MCA3U-18HRFNX(GA)	MUEU-18HRFNX(GA)
Model: Outdoor		MOX330U-18HFN8-Q(GA)	MOX330U-18HFN8-Q(GA)	MOX330U-18HFN8-Q(GA)	MOX330U-18HFN8-Q(GA)
Sound power level at standard rating conditions (Indoor/Outdoor)	[dB(A)]	56/64	58/65	59/65	59/65
Refrigerant type		R32	R32	R32	R32
GWP		675	675	675	675
Charge amount	[g]	1150	1150	1150	1150
CO2 equivalent	[tonnes]	0.776	0.776	0.776	0.776
SEER	[W/W]	6.7	6.5	6.3	6.2
Energy efficiency class in cooling		A++	A++	A++	A++
Annual electricity consumption in cooling [1]	[kWh/a]	261	291	294	305
Design load in cooling mode (Pdesign)	[kW]	5.0	5.4	5.3	5.4
SCOP (average heating season)	[W/W]	4.0	4.0	4.0	4.0
Energy efficiency class in heating (average season)		A+	A+	A+	A+
Annual electricity consumption in heating (average season) [2]	[kWh/a]	1450	1505	1470	1400
Warmer heating season		Y	Y	Y	Y
Colder heating season		—	—	—	—
Design load in heating mode (Pdesign)	[kW]	4.0	4.3	4.2	4.0
Declared capacity at reference design condition (heating average season)	[kW]	3.769	3.740	3.660	3.600
Back up heating capacity at reference design condition (heating average season)	[kW]	0.231	0.560	0.540	0.400
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Trade Mark		MIDEA		
Model: Indoor		MTI-24HWFNX(GA)	MCDI-24HRFNX(GA)	MUE-24HRFNX(GA)
Model: Outdoor		MOX430U-24HFN8-Q(GA)	MOX430U-24HFN8-Q(GA)	MOX430U-24HFN8-Q(GA)
Sound power level at standard rating conditions (Indoor/Outdoor)	[dB(A)]	62/68	59/69	55/67
Refrigerant type		R32	R32	R32
GWP		675	675	675
Charge amount	[g]	1500	1500	1500
CO2 equivalent	[tonnes]	1.012	1.012	1.012
SEER	[W/W]	6.2	6.2	6.1
Energy efficiency class in cooling		A++	A++	A++
Annual electricity consumption in cooling [1]	[kWh/a]	401	395	413
Design load in cooling mode (Pdesign)	[kW]	7.1	7.0	7.2
SCOP (average heating season)	[W/W]	4.0	4.0	4.0
Energy efficiency class in heating (average season)		A+	A+	A+
Annual electricity consumption in heating (average season) [2]	[kWh/a]	1890	2100	1925
Warmer heating season		Y	Y	Y
Colder heating season		—	—	—
Design load in heating mode (Pdesign)	[kW]	5.4	6.0	5.5
Declared capacity at reference design condition (heating average season)	[kW]	5.350	5.800	5.040
Back up heating capacity at reference design condition (heating average season)	[kW]	0.050	0.200	0.460
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Trade Mark		MIDEA	
		MTI-30HWFNX(GA)	MCD1-30HRFNX(GA)
Model: Indoor		MTI-30HWFNX(GA)	MCD1-30HRFNX(GA)
Model: Outdoor		MOD30U-30HFN8-Q(GA)	MOD30U-30HFN8-Q(GA)
Sound power level at standard rating conditions (Indoor/Outdoor)	[dB(A)]	64/70	63/70
Refrigerant type		R32	R32
GWP		675	675
Charge amount	[g]	2000	2000
CO2 equivalent	[tonnes]	1.35	1.35
SEER	[W/W]	6.5	6.6
Energy efficiency class in cooling		A++	A++
Annual electricity consumption in cooling [1]	[kWh/a]	474	467
Design load in cooling mode (Pdesign)	[kW]	8.8	8.8
SCOP (average heating season)	[W/W]	4.0	4.2
Energy efficiency class in heating (average season)		A+	A+
Annual electricity consumption in heating (average season) [2]	[kWh/a]	2800	2467
Warmer heating season		Y	Y
Colder heating season		—	—
Design load in heating mode (Pdesign)	[kW]	8.0	7.4
Declared capacity at reference design condition (heating average season)	[kW]	6.760	6.100
Back up heating capacity at reference design condition (heating average season)	[kW]	1.240	1.300
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Trade Mark		MIDEA		
Model: Indoor		MTI-36HWFN8(GA)	MCD1-36HRFN8(GA)	MUE-36HRFN8(GA)
Model: Outdoor		MOD30U-36HFN8-Q(GA)	MOD30U-36HFN8-Q(GA)	MOD30U-36HFN8-Q(GA)
Sound power level at standard rating conditions (Indoor/Outdoor)	[dB(A)]	61/70	64/70	65/70
Refrigerant type		R32	R32	R32
GWP		675	675	675
Charge amount	[g]	2400	2400	2400
CO2 equivalent	[tonnes]	1.62	1.62	1.62
SEER	[W/W]	6.2	6.7	6.4
Energy efficiency class in cooling		A++	A++	A++
Annual electricity consumption in cooling [1]	[kWh/a]	593	549	574
Design load in cooling mode (Pdesign)	[kW]	10.5	10.5	10.5
SCOP (average heating season)	[W/W]	4.0	4.0	4.1
Energy efficiency class in heating (average season)		A+	A+	A+
Annual electricity consumption in heating (average season) [2]	[kWh/a]	2940	2975	2937
Warmer heating season		Y	Y	Y
Colder heating season		—	—	—
Design load in heating mode (Pdesign)	[kW]	8.4	8.5	8.6
Declared capacity at reference design condition (heating average season)	[kW]	7.600	7.840	7.450
Back up heating capacity at reference design condition (heating average season)	[kW]	0.800	0.660	1.150
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Model: Indoor		MTI-36HWFN8(GA)	MCD1-36HRFN8(GA)	MUE-36HRFN8(GA)
Model: Outdoor		MOD30U-36HFN8-R(GA)	MOD30U-36HFN8-R(GA)	MOD30U-36HFN8-R(GA)
Sound power level at standard rating conditions (Indoor/Outdoor) [dB(A)]		61/70	64/70	65/70
Refrigerant type		R32	R32	R32
GWP		675	675	675
Charge amount [g]		2400	2400	2400
CO2 equivalent [tonnes]		1.62	1.62	1.62
SEER [W/W]		6.1	6.3	6.2
Energy efficiency class in cooling		A++	A++	A++
Annual electricity consumption in cooling [1] [kWh/a]		608	583	592
Design load in cooling mode (Pdesign) [kW]		10.6	10.5	10.5
SCOP (average heating season) [W/W]		4.0	3.9	4.0
Energy efficiency class in heating (average season)		A+	A	A+
Annual electricity consumption in heating (average season) [2] [kWh/a]		3080	2872	3010
Warmer heating season		Y	Y	Y
Colder heating season		—	—	—
Design load in heating mode (Pdesign) [kW]		8.8	8.0	8.6
Declared capacity at reference design condition (heating average season) [kW]		7.630	7.600	7.400
Back up heating capacity at reference design condition (heating average season) [kW]		1.170	0.400	1.200
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Trade Mark		MIDEA	
Model: Indoor		MTI-42HWFNX(GA)	MCD1-42HRFNX(GA)
Model: Outdoor		MOD30U-42HFN8-Q(GA)	MOD30U-42HFN8-Q(GA)
Sound power level at standard rating conditions (Indoor/Outdoor)	[dB(A)]	67/75	66/72
Refrigerant type		R32	R32
GWP		675	675
Charge amount	[g]	2800	2800
CO2 equivalent	[tonnes]	1.89	1.89
SEER	[W/W]	6.1	6.1
Energy efficiency class in cooling		A++	A++
Annual electricity consumption in cooling [1]	[kWh/a]	700	700
Design load in cooling mode (Pdesign)	[kW]	12.1	12.1
SCOP (average heating season)	[W/W]	4.0	4.0
Energy efficiency class in heating (average season)		A+	A+
Annual electricity consumption in heating (average season) [2]	[kWh/a]	3350	3275
Warmer heating season		Y	Y
Colder heating season		—	—
Design load in heating mode (Pdesign)	[kW]	9.5	9.5
Declared capacity at reference design condition (heating average season)	[kW]	8.500	8.700
Back up heating capacity at reference design condition (heating average season)	[kW]	1.000	0.800
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Trade Mark		MIDEA		
Model: Indoor		MTI-48HWFNX(GA)	MCD1-48HRFNX(GA)	MUE-48HRFNX(GA)
Model: Outdoor		MOE30U-48HFN8-R(GA)	MOE30U-48HFN8-R(GA)	MOE30U-48HFN8-R(GA)
Sound power level at standard rating conditions (Indoor/Outdoor)	[dB(A)]	66/74	66/74	67/74
Refrigerant type		R32	R32	R32
GWP		675	675	675
Charge amount	[g]	2900	2900	2900
CO2 equivalent	[tonnes]	1.96	1.96	1.96
SEER	[W/W]	6.1	6.1	6.1
Energy efficiency class in cooling		A++	A++	A++
Annual electricity consumption in cooling [1]	[kWh/a]	812	810	820
Design load in cooling mode (Pdesign)	[kW]	14.0	14.0	14.0
SCOP (average heating season)	[W/W]	3.8	4.0	3.9
Energy efficiency class in heating (average season)		A	A+	A
Annual electricity consumption in heating (average season) [2]	[kWh/a]	4323	3860	4100
Warmer heating season		Y	Y	Y
Colder heating season		—	—	—
Design load in heating mode (Pdesign)	[kW]	11.5	11.0	11.2
Declared capacity at reference design condition (heating average season)	[kW]	10.700	9.670	10.700
Back up heating capacity at reference design condition (heating average season)	[kW]	0.800	1.330	0.500
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Model: Outdoor		MOE30U-55HFN8-R(GA)	MOE30U-55HFN8-R(GA)	MOE30U-55HFN8-R(GA)
Sound power level at standard rating conditions (Indoor/Outdoor)	[dB(A)]	66/74	66/75	67/73
Refrigerant type		R32	R32	R32
GWP		675	675	675
Charge amount	[g]	3000	3000	3000
CO2 equivalent	[tonnes]	2.03	2.03	2.03
SEER	[W/W]	6.1	6.3	6.1
Energy efficiency class in cooling		A++	A++	A++
Annual electricity consumption in cooling [1]	[kWh/a]	900	860	890
Design load in cooling mode (Pdesign)	[kW]	15.3	15.3	15.5
SCOP (average heating season)	[W/W]	4.0	4.0	4.0
Energy efficiency class in heating (average season)		A+	A+	A+
Annual electricity consumption in heating (average season) [2]	[kWh/a]	4390	4190	4150
Warmer heating season		Y	Y	Y
Colder heating season		—	—	—
Design load in heating mode (Pdesign)	[kW]	12.5	11.9	11.9
Declared capacity at reference design condition (heating average season)	[kW]	11.500	11.100	11.500
Back up heating capacity at reference design condition (heating average season)	[kW]	1.000	0.800	0.400
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