

Up to 19 SEER



MIA NG
SERIES

Mini Split Air Conditioner



Designed for Single Zone applications like:

Bedrooms | Living Rooms | Dining Rooms | Home Offices | Sunrooms | Basements | Computer / Server Rooms

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MIA NG SERIES



Features

- ✓ Sleek matte finish
- ✓ Inverter Technology
- ✓ Turbo Function
- ✓ WiFi Ready
- ✓ Silent Function
- ✓ LED Display
- ✓ Auto Swing
- ✓ Comfortable Sleep Mode
- ✓ Multiple Fan Speeds
- ✓ Self-Cleaning Function
- ✓ Follow Me Function
- ✓ Activated Carbon Filter
- ✓ Timer



The unique anti-corrosive GoldFin coating protects the condenser from corrosive elements, like salty air and rain, while the hydrophilic condenser accelerates the defrost process and improves heating efficiency.

INDOOR UNIT			CH-NG09MIA115VI	CH-NG12MIA115VI	CH-NG09MIA230VI	CH-NG12MIA230VI	CH-NG18MIA230VI	CH-NG24MIA230VI
Power Supply	V-Hz-Ph		115V/60Hz/1Ph	115V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph
Cooling Capacity	Btu/h		9,000	12,000	9,000	12,000	18,000	24,000
Minimum Circuit Ampacity (MCA)	A		15	15	10	15	15	18
MAX. FUSE	A		20	20	15	15	20	25
Air Flow (Hi/Mi/Lo) (No duct)	CFM		247/182/129	294/212/171	284/187/130	324/282/212	393/263/223	588/450/353
Noise Level (Hi/Mi/Lo)	dB(A)		38/32/25	38/30/28	41.5/31.5/26.5	38/32/24	43/35/30.5	48/42.5/34
Unit Dimension (WxDxH)	in		28.4x7.4x11.4	31.6x7.4x11.7	28.4x7.4x11.4	31.6x7.4x11.7	38x8.5x12.6	42.5x8.9x13.2
Packing Dimension (WxDxH)	in		31.1x10.6x14.6	34.5x11.2x14.8	31.1x10.6x14.6	34.5x11.2x14.8	41.1x12x15.9	45.5x16.3x12.4
Net/Gross Weight	lb		17.2/22.7	19/24.9	17.0/22.7	19/24.9	24/32.2	30.2/39.7
Design pressure	PSIG		550/340	550/340	550/340	550/340	550/340	550/340
Room Temperature	F°		62-90/32-86	62-90/32-86	62-90/32-86	62-90/32-86	62-90/32-86	62-90/32-86
Liquid side/ Gas side	in		1/4" - 3/8"	1/4" - 1/2"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
OUTDOOR UNIT			CH-NG09MIA115VO	CH-NG12MIA115VO	CH-NG09MIA230VO	CH-NG12MIA230VO	CH-NG18MIA230VO	CH-NG24MIA230VO
Power supply	V-Hz-Ph		115V/60Hz/1Ph	115V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph
Cooling	Capacity	Btu/h	9,000	12,000	9,000	12,000	18,000	24,000
	EER		11.5	10.5	11	11	11	9.5
	SEER		19	19	18	19	19	17
Heating	Capacity	Btu/h	10,000	12,000	9,000	12,000	18,000	24,000
	COP		3.11	3.43	3.05	3.43	3.1	3.2
	HSPF4		10	9.5	9.5	9.5	10	9.5
	HSPF5		7.8	7.8	8	8	8	8
Minimum Circuit Ampacity (MCA)	A		15	15	10	15	15	18
MAX. FUSE	A		20	20	15	15	20	25
Air Flow (max)	CFM		1,177	1,177	1,177	1,176	1,176	1,823
Noise Level	dB(A)		52	55	52	55	57.5	58
Unit Dimension (WxDxH)	in		30.3x11.8x21.9	31.5x13.1x21.8	30.3x11.8x21.9	31.5x13.1x21.8	31.5x13.1x21.8	33.3x14.3x27.6
Packing Dimension (WxDxH)	in		35.4x13.6x23	36.2x15.4x24.2	35.4x13.6x23	36.2x15.4x24.2	36.2x15.4x24.2	38x15.6x30.1
Net/Gross weight	lb		66.8/71.9	70.3/76.3	66.8/71.9	67/72.8	79.8/85.8	105.2/112.22
Refrigerant type/Quantity	oz		R410A/30	R410A/29.6	R410A/30	R410A/29.6	R410A/44	R410A/63
Refrigerant precharge (Total pipe length)	ft		25	25	25	25	25	25
Additional charge for each ft	oz		0.16	0.16	0.16	0.16	0.16	0.32
Design pressure	PSIG		550/340	550/340	550/340	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	in	1/4" - 3/8"	1/4" - 1/2"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
	Max. refrigerant pipe length	ft	82	82	82	82	98	98
	Max. difference in level	ft	33	33	33	33	66	66
Ambient temperature	cooling	F°	5-122	5-122	5-122	5-122	5-122	5-122
	heating	F°	5-86	5-86	5-86	5-86	5-86	5-86

Your actual Multi-Room Inverter Heat Pump system and related devices may differ from images shown in this specification sheet. Test conditions are based on AHRI 210/240. Specifications are subject to change without notice. Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without incurring obligations. © 09.2020 All rights reserved.

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