

MRCOOL®
COMFORT MADE SIMPLE

2020
C A T A L O G



Residential Heating & Air Conditioning

Why MRCOOL®?

Comfort anywhere you need it

MRCOOL ductless mini-split air conditioners and heat pumps are the cutting edge of what modern, flexible fabrication can produce. These air conditioners rely on state-of-the-art manufacturing processes and advanced design to deliver high efficiency air comfort anywhere you need it.



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Do-It-Yourself Single Zone

A MRCOOL® DIY® Series heat pump is the only ductless mini-split system on the market specifically designed for amateur installation. You don't need special tools or training to install this high efficiency heat pump.



- ✓ Easy DIY® Installation
- ✓ Leakage Detection
- ✓ Gold Fin® Condenser
- ✓ Smartphone App
- ✓ Low Ambient Cooling
- ✓ Follow Me®
- ✓ Easy Quick Connect®
- ✓ DC Inverter



SPECIFICATION

MODEL NO.	Indoor Unit Outdoor Unit	DIY-12-HP-WMAH-115B DIY-12-HP-C-115B	DIY-18-HP-WMAH-230B DIY-18-HP-C-230B	DIY-24-HP-WMAH-230B DIY-24-HP-C-230B	DIY-36-HP-WMAH-230B DIY-36-HP-C-230B
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CAPACITY & PERFORMANCE

Cooling Capacity	Btu/h	12000	18000	23000	34500
SEER	Btu/w	22.0	20.0	20.0	16.0
Heating Capacity	Btu/h	12000	18000	25000	36000
HSPF		10	10	10	8.90
Indoor noise level (Hi/Mi/Lo)	dB(A)	38/31.5/23.5	45/37.5/31	47/42/33.5	52/45/35

ELECTRICAL PARTS

Power supply	V ~ Hz.Ph	115~60,1	208-230~,60,1	208-230~,60,1	208-230~,60,1
Minimum Circuit (Disconnect)	A	15.0	15.0	18.0	25.0
Maximum Fuse (Breaker)	A	20.0	20.0	30.0	40.0

DIMENSIONS & WEIGHT

Net Dimension	Indoor	inch	31.57 x 7.44 x 11.69	42.52x8.90 x 13.19	42.52 x 8.90 x 13.19	49.57 x 11.10 x 14.25
(WxDxH)	Outdoor	inch	31.50 x 13.11 x 21.81	33.27 x 14.29 x 27.64	37.24 x 16.14 x 31.89	37.24 x 16.14 x 31.89
Packing Dimension	Indoor	inch	37.60 x 17.52 x 14.17	49.02 x 19.49 x 15.75	49.02 x 19.49 x 15.75	56.69 x 21.26 x 18.50
(WxDxH)	Outdoor	inch	37.01 x 17.32 x 27.36	38.78 x 17.32 x 31.50	42.91 x 19.88 x 37.01	42.91 x 19.88 x 37.01
Net weight	Indoor	lbs	19.62	30.20	31.08	41.01
	Outdoor	lbs	78.70	98.77	127.65	150.35
Gross Weight	Indoor	lbs	37.70	54.01	54.67	70.99
	Outdoor	lbs	102.29	122.36	159.61	181.44

REFRIGERANT & PIPING

Refrigerant R410A	oz	38.8	68.8	82.9	119.9
Piping Size Liquidside/Gasside	inch	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"	3/8"-5/8"

NATIONAL AVERAGE ANNUAL OPERATING COSTS

Cooling Cost*	\$	72	119	152	284
Heating Cost*	\$	254	381	529	855



* Data provided by AHRI

Notes :



Do-It-Yourself Multi-Zone

The MRCOOL DIY® Multi-Zone Series ductless mini-split is the only whole-home mini-split solution that you can install yourself. Simple, easy air comfort in up to four zones.



- ✓ Easy DIY® Installation
- ✓ Smartphone App
- ✓ Easy Quick Connect®
- ✓ Leakage Detection
- ✓ Low Ambient Cooling
- ✓ DC Inverter
- ✓ Gold Fin® Condenser
- ✓ Follow Me®
- ✓ Multi-Room Comfort

SPECIFICATION

HEAT PUMP CONDENSER - Outdoor Model		DIY-MULTI3-27HP230	DIY-MULTI4-36HP230
Max Number of Zones	UNIT	3	4
Power Supply	V/Hz/Ph	208-230/60/1	208-230/60/1
SEER	Btu/w	22	21.5
Minimum Circuit Ampacity	A	21	30
Max. Fuse	A	35	45
Net Dimensions (WxDxH)	in	37.24 x 16.14 x 31.89	37.24x16.14x31.89
Packaging Dimensions (WxDxH)	in	42.91 x 19.69 x 34.06	42.91x19.69x34.06
Net Weight	lbs	141.1	162
Outdoor Gross Weight	lbs	158.7	179.7

WALL MOUNTED - Indoor Model		DIY-09-HP-WMAH-230B	DIY-12-HP-WMAH-230B	DIY-18-HP-WMAH-230B	DIY-24-HP-WMAH-230B
Power Supply	V~Hz,Ph	208-230~60,1	208-230~60,1	208-230~60,1	208-230~60,1
Minimum Circuit Ampacity	A	3.0	3.0	3.0	3.0
Max. Fuse	A	15	15	15	15
Net Dimensions (WxDxH)	in	31.57x7.44x11.69	31.57x7.44x11.69	42.52x8.90x13.19	42.52x8.90x13.19
Packaging Dimensions (WxDxH)	in	37.60x17.52x14.17	37.60x17.52x14.17	49.02x19.49x15.75	49.02x19.49x15.75
Net Weight	lbs	19.18	19.18	30.20	31.08
Gross Weight	lbs	37.04	37.04	54.01	54.67
Piping Size Liquidside/Gasside	in	1/4"-1/2"	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"

MATCH UPS

DIY-MULTI3-27HP230 (27K) - 11 COMBINATIONS

Two Units		Three Units	
9K + 9K	12K + 12K	9K + 9K + 9K	9K + 12K + 12K*
9K + 12K	12K + 18K*	9K + 9K + 12K*	12K + 12K + 12K*
9K + 18K	18K + 18K*	9K + 9K + 18K*	

DIY-MULTI4-36HP230 (36K) - 24 COMBINATIONS

Two Units		Three Units		Four Units	
9K + 18K	12K + 24K	9K + 9K + 9K	9K + 18K + 18K *	9K + 9K + 9K + 9K	12K + 12K + 12K + 12K *
9K + 24K	18K + 18K	9K + 9K + 12K	12K + 12K + 12K	9K + 9K + 9K + 12K *	
12K + 12K		9K + 9K + 18K	12K + 12K + 18K *	9K + 9K + 9K + 18K *	
12K + 18K		9K + 9K + 24K *	12K + 12K + 24K *	9K + 9K + 12K + 12K *	
		9K + 12K + 12K	12K + 18K + 18K *	9K + 9K + 12K + 18K *	
		9K + 12K + 18K *		9K + 12K + 12K + 12K *	

* Data provided by AHRI

Notes :



Advantage

This system is meant to be installed by an HVAC technician. The newly designed 3rd generation Advantage Series, with improved efficiency ratings up to 19 SEER, delivers high performance comfort from the moment it's activated. The competitive price makes it a consumer favorite that's tough to beat.



- ✓ Timer
- ✓ Leakage Detection
- ✓ Follow Me®
- ✓ Gold Fin® Condenser
- ✓ Smartphone App
- ✓ Low Ambient Cooling
- ✓ Quiet Running
- ✓ DC Inverter

SPECIFICATION

Model No.	Indoor Unit Outdoor Unit	A-09-HP-WMAH-115B A-09-HP-C-115B	A-12-HP-WMAH-115B A-12-HP-C-115B	A-09-HP-WMAH-230B A-09-HP-C-230B	A-12-HP-WMAH-230B A-12-HP-C-230B
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CAPACITY & PERFORMANCE

Cooling Capacity	Btu/h	9000	12000	9000	12000
SEER	Btu/w	19	19	18	19
Heating Capacity	Btu/h	10000	12000	9000	12000
HSPF		10.0	9.5	9.5	9.5
Indoor noise level (Hi/Mi/Lo)	dB(A)	38/32/25	38/30/28	38/32/25	38/32/24

ELECTRICAL PARTS

Power supply	V~Hz,PH	115V~ 60Hz, 1Ph	115V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph
Minimum Circuit Ampacity	A	16.0	15.0	10.0	15.0
Max.Fuse	A	20.0	20.0	15.0	15.0

DIMENSIONS & WEIGHT

Net Dimension	Indoor	inch	28.43x7.36x11.42	31.57x7.44x11.69	28.43x7.36x11.42	31.57x7.44x11.69
(WxDxH)	Outdoor	inch	30.31x11.81x21.85	31.50x13.11x21.81	30.31x11.81x21.85	31.50x13.11x21.81
Packing Dimension	Indoor	inch	31.10x10.63x14.57	34.45x11.22x14.76	31.10x10.63x14.57	34.45x11.22x14.76
(WxDxH)	Outdoor	inch	35.43x13.58x23.03	36.22x15.35x24.21	35.43x13.58x23.03	36.22x15.35x24.21
Net weight	Indoor	lbs	17.2	18.96	17	18.96
	Outdoor	lbs	66.8	70.33	66.8	67.0
Gross Weight	Indoor	lbs	22.7	24.91	22.7	24.91
	Outdoor	lbs	71.87	76.28	71.87	72.75

REFRIGERANT & PIPING

Refrigerant R410A	oz	R410A/30	R410A/29.63	R410A/28.2	R410A/33.9
Piping Size Liquidside/Gasside	inch	1/4"-3/8"	1/4"-1/2"	1/4"-3/8"	1/4"-1/2"

NATIONAL AVERAGE ANNUAL OPERATING COSTS

Cooling Cost*	\$	63	83	66	83
Heating Cost*	\$	211	267	200	267



* Data provided by AHRI

Notes :

SPECIFICATION

Model No.	Indoor Unit Outdoor Unit	A-18-HP-WMAH-230B A-18-HP-C-230B	A-24-HP-WMAH-230B A-24-HP-C-230B	A-36-HP-WMAH-230B A-36-HP-C-230B	
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CAPACITY & PERFORMANCE

Cooling Capacity	Btu/h	18000	24000	36000	
SEER	Btu/w	19	17	16	
Heating Capacity	Btu/h	18000	24000	36000	
HSPF		10.0	9.5	10	
Indoor noise level (Hi/Mi/Lo)	dB(A)	43/35/30.5	48/42.5/34	52/44/36	

ELECTRICAL PARTS

Power supply	V~Hz,PH	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	
Minimum Circuit Ampacity	A	15.0	20.0	25.0	
Max.Fuse	A	20.0	25.0	35.0	

DIMENSIONS & WEIGHT

Net Dimension	Indoor	inch	37.99x8.46x12.56	42.52x8.90x13.19	49.57x11.10x14.25	
(WxDxH)	Outdoor	inch	31.50x13.11x21.81	33.27x14.29x27.64	37.24x16.14x31.89	
Packing Dimension	Indoor	inch	41.14x12.01x15.94	45.47x16.34x12.40	52.76x17.72x14.96	
(WxDxH)	Outdoor	inch	36.22x15.35x24.21	37.99x15.55x30.12	42.91x19.69x34.45	
Net weight	Indoor	lbs	24.03	30.2	43.2	
	Outdoor	lbs	79.8	105.16	143.3	
Gross Weight	Indoor	lbs	32.19	39.68	55.6	
	Outdoor	lbs	85.76	112.22	153.22	

REFRIGERANT & PIPING

Refrigerant R410A	oz	R410A/52.9	R410A/63.5	R410A/119.9	
Piping Size Liquidside/Gasside	inch	1/4"-1/2"	3/8"-5/8"	3/8"-5/8"	

NATIONAL AVERAGE ANNUAL OPERATING COSTS

Cooling Cost*	\$	125	186	297	
Heating Cost*	\$	380	534	761	



* Data provided by AHRI

Notes :



OLYMPUS

E Star™ Series

The MRCOOL® Olympus Energy Star Series ductless heat pump is the air comfort system you need to ensure your home stays comfortable, cool, and cost effective for as long as you desire. This high quality ductless heat pump is energy efficient, packed with great features, and priced to meet most household budgets. It must be installed by an HVAC technician.



- ✓ Leakage Detection
- ✓ DC Inverter
- ✓ Low Ambient Cooling

- ✓ Follow Me®
- ✓ Quiet Running
- ✓ Gold Fin® Condenser

- ✓ Smartphone App



SPECIFICATION

MODEL NO.	Indoor Unit Outdoor Unit	O-09-HP-WMAH-230A O-ES-09-HP-C-230	O-12-HP-WMAH-230A O-ES-12-HP-C-230	O-18-HP-WMAH-230A O-ES-18-HP-C-230	O-24-HP-WMAH-230A O-ES-24-HP-C-230
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CAPACITY & PERFORMANCE

Cooling Capacity	Btu/h	9000	12000	18000	24000
SEER	Btu/w	22.8	21.5	20.8	20.5
Heating Capacity	Btu/h	9800	12000	18000	25000
HSPF		10.5	9.8	10.0	10.0
Indoor noise level (Hi/Mi/Lo)	dB(A)	39/-/24.5	39/-/25	45.5/-/34.5	50/-/35.5

ELECTRICAL PARTS

Power supply	V~Hz,Ph	208-230~60,1	208-230~60,1	208-230~60,1	208-230~60,1
Minimum Circuit Ampacity	A	15.0	15.0	15.0	15.0
Max.Fuse	A	15.0	15.0	20.0	25.0

DIMENSIONS & WEIGHT

Net Dimension	Indoor	inch	32.87 x 7.80 x 11.02	32.87 x 7.80 x 11.02	38.98 x 8.58 x 12.40	46.69 x 10.16 x 13.39
(WxDxH)	Outdoor	inch	30.31 x 11.81 x 21.85	31.50 x 13.11 x 21.81	33.27 x 14.29 x 27.64	40.55 x 16.54 x 31.89
Packing Dimension	Indoor	inch	35.83 x 10.63 x 13.98	35.83 x 10.63 x 13.98	41.93 x 11.81 x 15.75	49.80 x 16.53 x 13.39
(WxDxH)	Outdoor	inch	35.43 x 13.58 x 23.03	36.22 x 15.35 x 24.21	38.00 x 15.55 x 29.72	42.91 x 19.69 x 34.06
Net weight	Indoor	lbs	19.84	19.84	26.89	40.12
	Outdoor	lbs	63.9	81.6	101.0	136.69
Gross Weight	Indoor	lbs	25.35	26.68	34.83	50.26
	Outdoor	lbs	69.4	88.2	108.2	147.27

REFRIGERANT & PIPING

Refrigerant R410A	oz	R410A/38.8	R410A/40.6	R410A/68.8	R410A/82.9
Piping Size Liquidside/Gasside	inch	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"

NATIONAL AVERAGE ANNUAL OPERATING COSTS

Cooling Cost*	\$	50	70	108	148
Heating Cost*	\$	188	247	363	505



* Data provided by AHRI

Notes :



OLYMPUS

Hyper Heat Series

The MRCOOL® Olympus Hyper Heat Series ductless mini-split heat pump is the air comfort system you need to ensure your home stays cost effective and comfortable all year. This system uses hyper-heat technology to ensure efficient and effective heating performance when outdoor temperatures become bitterly cold. This high quality ductless heat pump is energy efficient, packed with great features, and priced to meet most household budgets. It must be installed by an HVAC technician.



- ✓ Smartphone App
- ✓ Leakage Detection
- ✓ Enhanced Heating

- ✓ Follow Me®
- ✓ Quiet Running
- ✓ Gold Fin® Condenser

- ✓ DC Inverter



OLYMPUS HYPER HEAT SERIES

SPECIFICATION

Model No.	Indoor Unit Outdoor Unit	O-09-HP-WMAH-230A O-HH-09-HP-C-230	O-12-HP-WMAH-230A O-HH-12-HP-C-230	O-18-HP-WMAH-230A O-HH-18-HP-C-230	O-24-HP-WMAH-230A O-HH-24-HP-C-230
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CAPACITY & PERFORMANCE

Cooling Capacity	Btu/h	9000	12000	17000	24000
SEER	Btu/w	25.0	22.5	20.0	20.5
Heating Capacity	Btu/h	10900	11800	18000	24000
HSPF		11.2	12	10.3	11.5
Indoor noise level (Hi/Mi/Lo)	dB(A)	42/33/24.5	43/36/24	45.5/36/26.5	47.5 /44/36.5

ELECTRICAL PARTS

Power supply	V~Hz,Ph	208-230~60,1	208-230~60,1	208-230~60,1	208-230~60,1
Minimum Circuit Ampacity	A	9.0	9.0	18.0	20.0
Max.Fuse	A	15.0	15.0	25.0	30.0

DIMENSIONS & WEIGHT

Net Dimension	Indoor	inch	32.87 x 7.80 x 11.02	32.87 x 7.80 x 11.02	38.98 x 8.58 x 12.40	46.69 x 10.16 x 13.39
(WxDxH)	Outdoor	inch	31.50 x 13.11 x 21.81	31.50 x 13.11 x 21.81	33.27 x 14.29 x 27.64	37.24 x 16.54 x 31.89
Packing Dimension	Indoor	inch	35.83 x 10.63 x 13.98	35.83 x 10.63 x 13.98	41.93 x 11.81 x 15.75	49.80 x 16.53 x 13.39
(WxDxH)	Outdoor	inch	36.22 x 15.35 x 24.21	36.22 x 15.35 x 24.1	37.99 x 15.55 x 29.72	42.91 x 19.69 x 34.06
Net weight	Indoor	lbs	19.84	19.84	26.89	40.12
	Outdoor	lbs	88.2	88.2	107.4	135.58
Gross Weight	Indoor	lbs	25.35	26.68	34.83	50.26
	Outdoor	lbs	93.7	93.7	115.1	148.81

REFRIGERANT & PIPING

Refrigerant R410A	oz	R410A/52.9	R410A/52.9	R410A/68.8	R410A/91.7
Piping Size Liquidside/Gasside	inch	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"

NATIONAL AVERAGE ANNUAL OPERATING COSTS

Cooling Cost*	\$	45	67	107	148
Heating Cost*	\$	196	198	353	421



* Data provided by AHRI

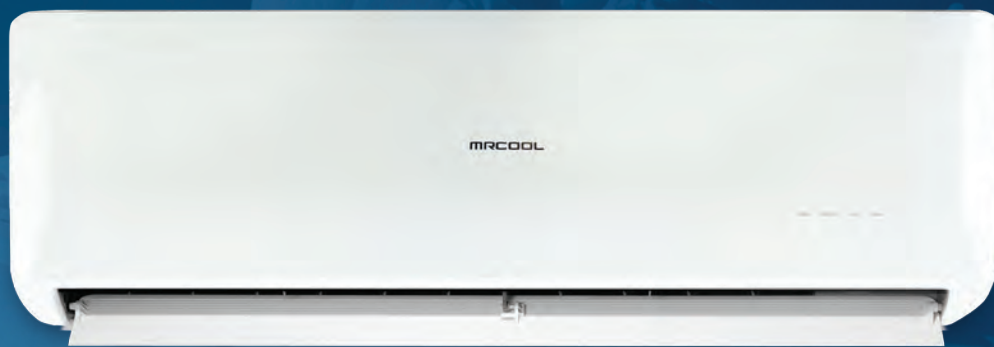
Notes :



OLYMPUS

Multi-Zone Series

The MRCOOL® Olympus is the whole house mini-split solution. The Olympus offers aesthetically pleasing wall mounted and ceiling cassette units in up to 5 zones. This system is meant to be installed by an HVAC technician.



- ✓ Smartphone App*
- ✓ Multi-Zone Flexibility
- ✓ Follow Me®
- ✓ Versatile Installation
- ✓ Gold Fin® Condenser
- ✓ Superior Performance
- ✓ DC Inverter
- ✓ Energy Efficient

*Excluding Cassettes and Ceiling Recessed

SPECIFICATION

HEAT PUMP CONDENSER - Outdoor Model		MULTI2-18HP230V1	MULTI3-27HP230V1	MULTI4-36HP230V1	MULTI5-48HP230V1
Max Number of Zones	UNIT	2	3	4	5
Power Supply	V/Hz/Ph	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
SEER	Btu/w	22.5	23	22.5	22.4
Minimum Circuit Ampacity	A	18	25	30	35
Max. Fuse	A	25	35	45	50
Net Dimensions (WxDxH)	in	33.27x14.29x27.64	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48
Packaging Dimensions (WxDxH)	in	37.99x15.55x29.72	42.91x19.69x34.06	42.91x19.69x34.06	43.11x19.49x54.53
Net Weight	lbs	105.82	149.91	156.53	223.77
Outdoor Gross Weight	lbs	114.64	160.94	167.55	255.07

WALL MOUNTED - Indoor Model		O-09-HP-WMAH-230A	O-12-HP-WMAH-230A	O-18-HP-WMAH-230A	O-24-HP-WMAH-230A
Power Supply	V~Hz,Ph	208-230~60,1	208-230~60,1	208-230~60,1	208-230~60,1
Minimum Circuit Ampacity	A	9	9	18	20
Max. Fuse	A	15	15	25	30
Net Dimensions (WxDxH)	in	32.87x7.80x11.02	32.87x7.80x11.02	38.98x8.58x12.40	46.69x10.16x13.39
Packaging Dimensions (WxDxH)	in	35.83x10.63x13.98	35.83x10.63x13.98	41.93x11.81x15.75	49.80x16.53x13.39
Net Weight	lbs	19.8	19.8	26.9	40.1
Gross Weight	lbs	25.4	25.4	34.8	50.3
Piping Size Liquidside/Gasside	in	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"

CEILING CASSETTE - Indoor Model		CASSETTE12HP-230	CASSETTE18HP-230	CASSETTE24HP-230	
Power Supply	V/Hz/Ph	208-230/60/1	208-230/60/1	208-230/60/1	
Minimum Circuit Ampacity	A	1.3	1.9	10.3	
Max. Fuse	A	15	15	17.5	
Net Dimensions (WxDxH)	in	22.44x22.44x10.24	22.44x22.44x10.24	33.07x33.07x8.07	
Packaging Dimensions (WxDxH)	in	25.79x25.79x11.42	25.79x25.79x11.42	35.43x35.43x8.54	
Net Weight	lbs	35.27	39.68	45.19	
Gross Weight	lbs	41.88	46.3	52.91	
Piping Size Liquidside/Gasside	in	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"	

CEILING RECESSED - Indoor Model		DUCT-09HP-230	DUCT-12HP-230	DUCT-18HP-230	DUCT-24HP-230
Power Supply	V/Hz/Ph	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Minimum Circuit Ampacity	A	1.2	1.3	1.9	2.5
Max. Fuse	A	15	15	15	15
Net Dimensions (WxDxH)	in	27.56x25x8.27	27.56x25x8.27	36.22x25x8.27	36.22x25x10.63
Packaging Dimensions (WxDxH)	in	36.02x25.79x11.42	36.02x25.79x11.42	44.68x25.79x11.42	44.68x25.79x13.78
Net Weight	lbs	39.9	39.9	50.7	57.32
Gross Weight	lbs	50.27	50.27	63.93	68.34
Piping Size Liquidside/Gasside	in	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"



Disclaimer: All combinations are Energy Star Certified with the exception of 36K condensers

* Data provided by AHRI



Package Heat Pump

A MRCOOL® packaged heat pump combines high performance cooling and powerful heating in one convenient, easy-to-install system. These units are competitively priced and operate at 14 SEER efficiency. A MRCOOL® packaged heat pump will be a great solution for tough air comfort problems in a suburban home, commercial office space, condominium, seaside villa, or wherever else you desire.



- ✓ Easy Installation & Service
- ✓ Superior Performance
- ✓ Durable Build & Finish
- ✓ R410A Refrigerant
- ✓ Antimicrobial Drain Pan
- ✓ Louvered Coil Guard
- ✓ Optional Electric Heat
- ✓ Compact Design

†Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

SPECIFICATION

Model No.		UNIT	MPH241M414A	MPH301M414A	MPH361M414A	MPH421M414A	MPH481M414A	MPH601M414A
Power supply		Ph-V-Hz	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60
Cooling	Capacity	Btu/h	22600	28600	34000	40000	46000	57000
	SEER	Btu/w	14	14	14	14	14	14
Heating	Capacity	Btu/h	22000	27000	32400	39000	45000	56000
	HSPF4	Btu/w	8	8	8	8	8	8
Outdoor unit	Dimension (WxDxH)	inch	46.8 x 46.77 x 36.82	46.8 x 46.77 x 36.82	46.8 x 46.77 x 36.82	46.8 x 55.27 x 40.88	46.8 x 55.27 x 40.88	46.8 x 55.27 x 40.88
Sound rating		dB(A)	78	78	76	78	79	78
Weight		(lbs)	315	324	340	433	438	460
Refrigerant type		Type	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		(lb-oz)	91	96	90	173	173	161



* Data provided by AHRI



Package Air Conditioner

This 2-5 ton, 208-230 volt, R410-A refrigerant, MRCOOL® packaged air conditioner unit has a seasonal energy efficiency rating of 14 SEER, providing maximum comfort cooling. This unit provides cooling only (this is NOT a heat pump).



- ✓ Easy Installation & Service
- ✓ Superior Performance
- ✓ Durable Build & Finish
- ✓ R410A Refrigerant
- ✓ Antimicrobial Drain Pan
- ✓ Louvered Coil Guard
- ✓ System Protection
- ✓ Compact Design

†Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

SPECIFICATION

Model No.		UNIT	MPC241M414A	MPC301M414A	MPC361M414A	MPC421M414A	MPC481M414A	MPC601M414A
Power supply		Ph-V-Hz	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60
Cooling	Capacity	Btu/h	22600	28400	34000	40000	45500	57000
	SEER	Btu/w	14	14	14	14	14	14
Motor	Condenser	HP	1/6	1/6	1/6	1/4	1/4	1/4
	Blower	HP	1/3	1/2	1/2	3/4	3/4	1
Outdoor unit	Dimension (WxDxH) inch		46.8x46.77x36.82	46.8x46.77x36.82	46.8x46.77x36.82	46.8x55.27x40.88	46.8x55.27x40.88	46.8x55.27x40.88
Sound rating		dB(A)	77	79	78	78	77	78
Weight		(lbs)	308	319	332	405	411	445
Refrigerant type		Type	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		(lb-oz)	72	80	87	108	115	125



* Data provided by AHRI



Package Gas Electric

The MRCOOL® Gas and Electric Packaged Unit combines a high performance 14 SEER air conditioner with a powerful gas furnace to deliver the best air comfort possible in all weather conditions. Like all MRCOOL® products, this hybrid system is competitively priced, suitable for residential or commercial installation, and will run smoothly for years to come.



- ✓ Easy Installation & Service
- ✓ R410A Refrigerant
- ✓ 81% AFUE
- ✓ Quiet Running
- ✓ Optional LP Kit
- ✓ Compact Design
- ✓ Durable Build & Finish
- ✓ Multi-Position Application

† Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage

SPECIFICATION

MODEL NO.		UNIT	MPG24S054M414A	MPG30S054M414A	MPG36S090M414A	MPG42S090M414A	MPG48S108M414A	MPG60S108M414A
Power supply		Ph-V-Hz	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60 1	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60
Cooling	Capacity	Btu/h	22600	28400	34000	40000	45500	57000
	SEER	Btu/h	14	14	14	14	14	14
	EER	Btu/h	11	11	11	11	11	11
Heating	Input	Btu/h	54000	54000	90000	90000	108000	108000
	Output	Btu/h	43800	43800	72900	72900	87500	87500
	Temp. Rise Range	°F	30-60	30-60	40-70	40-70	40-70	40-70
	AFUE	%	81	81	81	81	81	81
Outdoor unit:	Dimension (WxDxH)	inch	46.8 x 46.77 x 36.82	46.8 x 46.77 x 36.82	46.8 x 46.77 x 36.82	46.8 x 55.27 x 40.88	46.8 x 55.27 x 40.88	46.8 x 55.27 x 40.88
	Weight	lbs	347	358	388	463	475	507
Refrigerant charge		(lb-oz)	72	80	87	108	115	125
Refrigerant type		Type	R410A	R410A	R410A	R410A	R410A	R410A
Sound rating		dB(A)	77	79	78	78	77	78



* Data provided by AHRI

Notes :



Up to 16 SEER Air Conditioner Condenser

This 1.5-5 ton, 208-230 volt, R410A refrigerant, outdoor condenser has a seasonal energy efficiency rating of up to 16 SEER when paired with other MRCOOL® products. It provides maximum comfort cooling and high energy efficiency. This unit provides cooling only (this is NOT a heat pump).



- ✓ Easy Installation & Service
- ✓ Superior Performance
- ✓ Durable Build & Finish
- ✓ R410A Refrigerant
- ✓ Antimicrobial Drain Pan
- ✓ CoolGuard™ Corrosion Resistant Coil
- ✓ Energy Efficient
- ✓ Compact Design

†Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

SPECIFICATION

MODEL NO.		UNIT	MAC16018A	MAC16024A	MAC16030A	MAC16036A	MAC16042A	MAC16048A	MAC16060A
Power Supply		Ph-V-Hz	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60
Cooling	Capacity	Btu/h	18000	23000-24000	26000-28000	33000-34000	40000-41000	46500-47500	57000-58000
	SEER	Btu/W*h	14-16	14-16	14-16	14-16	14-16	14-16	14-15
Heating	Capacity	Btu/h	-	-	-	-	-	-	-
	HSPF	Btu/W*h	-	-	-	-	-	-	-
Elect.	Min. Circuit	A	11.9	14.6	17.0	18	23.4	24.2	29.6
Data	Max. Amps	A	20	25	25	30	40	40	50
Compressor	Rated Load	A	9	10.9	12.8	13.6	17.9	18	22.2
	Locked Rotor	A	48	59	68	79	112	117	128
Outdoor fan motor	Rated Load	A	0.7	1.0	1.0	1.0	1.0	1.7	1.8
	Rated HP	HP	1/10	1/6	1/6	1/6	1/6	1/4	1/3
	Nom. RPM	RPM	1075	825	825	825	825	825	825
Refrigerant Charge		(lb-oz)	73	73	88	113	140	156	192
Outdoor air flow		CFM	600-650	730-850	945-1045	1110-1275	1340-1460	1500-1600	1780-1800
Out door unit	Dimension (WxHxD)	inch	24.25 x 29 x 24.25	28.25 x 37 x 28.25	28.25 x 37 x 28.25	28.25 x 37 x 28.25	28.25 x 37 x 28.25	28.25 x 37 x 28.25	32.25 x 43 x 32.25
	Packing (WxHxD)	inch	27 x 29.5 x 26.5	31 x 29.5 x 30.5	31 x 37.5 x 30.5	31 x 29.5 x 30.5	31 x 37.5 x 30.5	31 x 37.5 x 30.5	35 x 43.5 x 34.5
	Weight	lbs	134	152	169	181	211	218	226
Connection Liq. / Suct.		inch	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"- 7/8"***
Line Size Liq. / Suct.		inch	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-1 1/8"

*** Adapter with unit.



* Data provided by AHRI

Notes :



Up to 15 SEER / 8.5 HSPF Heat Pump Condenser

The MRCOOL® 15 SEER Heat Pump Split System works diligently to make your home a comfortable space. This product gives you total energy efficiency with its enhanced tube-and-fin coil design, giving you more bang for your buck. You can have peace of mind with this product due to its affordability, quality, efficiency, and comfort.



- ✓ Easy Installation & Service
- ✓ Energy Efficient
- ✓ Durable Build & Finish
- ✓ R410A Refrigerant
- ✓ Optional Electric Heat
- ✓ CoolGuard™ Corrosion Resistant Coil
- ✓ Compact Design
- ✓ Superior Performance

†Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

HEAT PUMP SPLIT SYSTEM

SPECIFICATION

MODEL NO.		UNIT	MHP15018A	MHP15024A	MHP15030A	MHP15036A	MHP15042A	MHP15048A	MHP15060A
Power Supply		V,Hz,Ph	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1
Cooling	Capacity	Btu/h	18000	23400-24000	28000-28600	34000	41000	47000	57000
	SEER	Btu/W*h	14-16	14-15	14-15	14-15	14-15	14-15	14-15
Heating	Capacity	Btu/h	17000	21000-21600	25400-26000	33800	40000	45500-46000	55000
	HSPF	Btu/W*h	8.2	8.2-8.5	8.2-8.5	8.2-8.5	8.2-8.5	8.2-8.5	8.2-8.5
Elect. Data	Min. Circuit	A	12.2	17.9	17.1	18.7	24.2	29	29.4
	Max. Amps	A	20	30	25	30	45	45	50
Compressor	Rated Load	A	9.0	13.5	12.8	14.1	18.0	21.8	22.1
Outdoor fan motor	Locked Rotor	A	48	58	64	77	112	117	125
	Rated Load	A	1.0	1.1	1.1	1.1	1.8	1.8	1.8
	Rated HP	HP	1/6	1/6	1/6	1/6	1/3	1/3	1/3
	Nom. RPM	RPM	825	825	825	825	825	825	825
Refrigerant Charge		(lb-oz)	5.8125-93	5.875-94	5.625-90	9.375-150	11.5-184	10.0625-161	12.3125-197
Outdoor air flow		CFM	650	850-875	950-1070	1200-1275	1400-1450	1550-1600	1900-1930
Out door unit	Dimension (WxHxD)	inch	28.25 x 37 x 28.25	28.25 x 37 x 28.25	28.25 x 37 x 28.25	28.25 x 33 x 28.25	32.25 x 37 x 32.25	32.25 x 37 x 32.25	32.25 x 43 x 32.25
	Packing (WxHxD)	lbs	31 x 37.5 x 30.5	31 x 37.5 x 30.5	31 x 37.5 x 30.5	31 x 33.5 x 30.5	35 x 37.5 x 34.5	35 x 37.5 x 34.5	35 x 43.5 x 34.5
		inch							
	Weight	inch	175	177	178	202	272	273	297
Connection Liq. / Suct.			3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"
Line Size Liq. / Suct.			3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-1 1/8"



* Data provided by AHRI

Notes :



Multi-Position Air Handler for MAC*16A and MHP*A Condensers

Air Handler with TXV

The MRCOOL® Multi-Position Air Handler's design delivers dependable comfort and is built for reliability. The electronically commutated motor (ECM) delivers consistent airflow throughout the seasons, allowing you to remain relaxed at all times. When choosing a MRCOOL® Multi-Position Air Handler, you can rest assured your choice is energy and time-efficient.



- ✓ Mobile Home Approved
- ✓ Superior Performance
- ✓ Durable Build & Finish
- ✓ R410A Refrigerant
- ✓ Multi-Position Application
- ✓ CoolGuard™ Corrosion Resistant Coil
- ✓ Energy Efficient
- ✓ Compact Design

†Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

MULTI-POSITION AIR HANDLER

SPECIFICATION

MODEL NO.		UNIT	MAHM018CTA	MAHM024CTA	MAHM030CTA	MAHM036CTA	MAHM042CTA	MAHM048CTA	MAHM060CTA
Power Supply		Ph-V-Hz	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1-208/230 - 60	1 - 208/230 - 60
Blower Motor	Type		PSC	PSC	PSC	PSC	PSC	PSC	PSC
	Rated HP	HP	1/5	1/3	1/2	1/3	1/2	1	1
	Size	inch	9x6	9x6	10x8	10x8	10x8	12x10	12x10
Filter Size		inch	15x20	15x20	15x20	18x20	18x20	18x20	18x20
Max. Elec. Heat Available		kW	7.5	10	15	15	15	20	20
Indoor unit	Dimension (WxHxD)	inch	18.5x43.5x16.5	18.5x45.5x16.5	18.5x47x16.5	21.25 x 53.63 x 19.5	21.5 x 53.63 x 19.5	21.5x55x19.5	21.5 x 59.75 x 19.5
	Packing (WxHxD)	inch	27x47x22.8	27x49x22.8	27x50.5x22.8	27x57.5x25.5	27x57.5x25.5	27x58.5x25.5	27x63.3x25.5
	Weight	lbs	109	127	133	163	168	186	186
Connection Liq. / Suct.		inch	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"

MODEL		UNIT	MAHM024ETA	MAHM030ETA	MAHM036ETA	MAHM042ETA	MAHM048ETA	MAHM060ETA	
Power Supply		Ph-V-Hz	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	
Blower Motor	Type		ECM	ECM	ECM	ECM	ECM	ECM	
	Rated HP	HP	1/2	1/2	1/2	3/4	1	1	
	Size	inch	10 x 8	10 x 8	10 x 8	12 x 10	12 x 10	12 x 10	
Filter Size		inch	15x20	15x20	18x20	18x20	18x20	18x20	
Max. Elec. Heat Available		kW	10	15	15	15	20	20	
Indoor unit	Dimension (WxHxD)	inch	18.5x45.5x16.5	18.5x47x16.5	21.5x53.63x19.5	21.5x53.63x19.5	21.5x55x19.5	21.5x59.75x19.5	
	Packing (WxHxD)	inch	27 x 49 x 22.8	27 x 50.5 x 22.8	27 x 57.5 x 25.5	27 x 57.5 x 25.5	27 x 58.5 x 25.5	27 x 63.3 x 25.5	
	Weight	lbs	127	133	163	168	186	186	
Connection Liq. / Suct.		inch	3/8"-3/4"	3/8"-3/4"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	



* Data provided by AHRI

Notes :



R410A Multi-Position Cased Evaporator Coils

Our efficient and durable Cased Evaporator Coils provide the best solution for heat pumps and air conditioners for fast and flexible application. This Signature Series coil, when appropriately paired with a MRCOOL® Signature Series condenser and gas furnace or modular blower, can achieve efficiency ratings of up to 16 SEER.



- ✓ Flexible Installation
- ✓ Superior Performance
- ✓ Durable Build & Finish
- ✓ R410A Compatible
- ✓ Multi-Position Application
- ✓ CoolGuard™ Corrosion Resistant Coil
- ✓ Energy Efficient
- ✓ Compact Design

†Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

SPECIFICATION

MODEL NO.	UNIT	MCDP0018ANPA	MCDP0024ANPA	MCDP0024BNPA	MCDP3036ANPA	MCDP3036BNPA	MCDP3036CNPA	MCDP0048BNPA	MCDP0048CNPA
Capacity	Btu/h	18000	24000	24000	36000	36000	36000	48000	48000
Indoor Dimension unit (D*H*W)	inch	14 1/8 x14.5 x 26 1/8	14 1/8 x14.5 x 26 1/8	14 1/8 x17.5 x 26 1/8	16 1/8 x14.5 x 26 1/8	16 1/8 x17.5 x 26 1/8	16 1/8 x 21 x 26 1/8	20 x 17.5 x 26 1/8	20 x 21 x 26 1/8
Refrigerant Type R410A									
Liquid side/ Suction side	inch	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"

MODEL NO.	UNIT	MCDP5060CNPA	MCDP0060DNPA	MCHP24ANPA	MCHP24BNPA	MCHP30ANPA	MCHP30BNPA	MCHP36BNPA	MCHP48BNPA
Capacity	Btu/h	60000	60000	24000	24000	30000	30000	36000	48000
Indoor Dimension unit (W*H*D)	inch	23 5/8 x 21 x 26 1/8	23 5/8 x 24.5 x 26 1/8	21.5 x14.5 x 26.5	21.5 x17.5 x 26.5	21.5 x14.5 x 26.5	21.5 x17.5 x 26.5	21.5 x 17.5 x 26.5	21.5 x17.5 x 31.5
Refrigerant Type R410A									
Liquid side/ Suction side	inch	3/8"-7/8"	3/8"-7/8"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-7/8"

MODEL NO.	UNIT	MCHP48CNPA	MCHP51CNPA	MCHP60DNPA	MCVP0024ANPA	MCVP0024BNPA	MCVP0030ANPA	MCVP0030BNPA	MCVP0036BNPA
Capacity	Btu/h	48000	51000	60000	24000	24000	30000	30000	36000
Indoor Dimension unit (W*H*D)	inch	21.5 x 21 x 26.5	21.5 x 21 x 31.5	21.5 x 24.5 x 31.5	14.5 X 18.5 x 21	17.5 X 18.5 x 21	14.5 X 22.5 x 21	17.5 X 22.5 x 21	17.5 X 22.5 x 21
Refrigerant Type R410A									
Liquid side/ Suction side	inch	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"

MODEL NO.	UNIT	MCVP0048BNPA	MCVP0048CNPA	MCVP0049CNPA	MCVP0060CNPA				
Capacity	Btu/h	48000	48000	49000	60000				
Indoor Dimension unit (W*H*D)	inch	17.5 X 27.5 x 21	21 X 27.5 x 21	21 x 29.5 x 22	21 x 31.5 x 21				
Refrigerant Type R410A									
Liquid side/ Suction side	inch	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"	3/8"-7/8"				



Notes :



80% AFUE

Gas Furnace

When harsh winter weather strikes, nothing compares to the warmth and safety a powerful and reliable gas furnace can provide. One of the best on the market is the MRCOOL® single stage 80% AFUE gas furnace.



- ✓ Quiet Running
- ✓ Superior Performance
- ✓ Durable Build & Finish
- ✓ Optional LP Kit
- ✓ Multi-Position Application
- ✓ 80% AFUE
- ✓ Energy Efficient
- ✓ Compact Design

†Registered Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; Lifetime heat exchanger warranty when registered). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

GAS FURNACE - 80% AFUE

SPECIFICATION

UPFLOW / HORIZONTAL MODEL NO.	UNIT	MGM80SE045A3A	MGM80SE070B3A	MGM80SE090B4A	MGM80SE090C5A	MGM80SE110C5A	MGM80SE135D5A	
Power Supply	Ph-V-Hz	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	
Natural	Btu/h	44,000	66,000	88,000	88,000	110,000	132,000	
Gas	Btu/h	35,200	52,800	70,400	70,400	88,000	105,600	
Blower Size	inch	10 x 8	10 x 10	10 x 10	11.5 x 10	11.5 x 10	11 x 11	
Temp Rise Range	° F	15-45	40-70	35-65	30-60	35-65	30-60	
Cabinet Size (W)	inch	14.5	17.5	17.5	21	21	24.5	
Cabinet (DxH)	inch	28.625x33	28.625x33	28.625x33	28.625x33	28.625x33	28.625x33	
Motor	HP	1/2	1/2	3/4	1	1	1	
Air Flow Rate (0.5ESP)	CFM	1230	1245	1615	2060	2025	2240	
Motor Speeds		5 speed	5 speed	5 speed	5 speed	5 speed	5 speed	
Gas Type		NG (LP w/ kit)	NG (LP w/ kit)	NG (LP w/ kit)	NG (LP w/ kit)	NG (LP w/ kit)	NG (LP w/ kit)	
Gas Connection Size	inch	1/2	1/2	1/2	1/2	1/2	1/2	
Gross Weight	lbs	111	127	142	152	160	178	

DOWNFLOW	MODEL NO.	UNIT	MGD80SE045A3A	MGD80SE070B3A	MGD80SE090B4A	MGD80SE110C5A
Power Supply		Ph-V-Hz	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60
Natural	Input	Btu/h	44,000	66,000	88,000	110,000
Gas	Output	Btu/h	35,200	52,800	70400	88,000
Blower Size		inch	10 x 8	10 x 10	10 x 10	11.5 x 10
Temp Rise Range		° F	15-45	30-60	30-60	30-60
Cabinet Size (W)		inch	14.5	17.5	17.5	21
Cabinet (DxH)		inch	28.625x33	28.625x33	28.625x33	28.625x33
Motor		HP	1/2	1/2	3/4	1
Air Flow Rate (0.5ESP)		CFM	1275	1280	1570	2165
Motor Speeds			5 speed	5 speed	5 speed	5 speed
Gas Type			NG (LP w/optional kit)	NG (LP w/optional kit)	NG (LP w/optional kit)	NG (LP w/optional kit)
Gas Connection Size		inch	1/2	1/2	1/2	1/2
Gross Weight		lbs	113	128	140	160



* Data provided by AHRI

Notes :



Up to 84% AFUE

Oil Furnace

Oil burns hotter than natural gas, which delivers more heat per BTU compared to other heating sources. Heating furnaces that use oil cost 10% – 25% less than the ones that use natural gas ensuring that your dollar is well spent.



- ✓ Advanced Burner Control
- ✓ Quiet Running
- ✓ Heavy-Duty Steel
- ✓ 10kV Solid State Ignition
- ✓ Ceramic Fiber Chamber
- ✓ Up to 84% AFUE
- ✓ 5 Flue / Flow Configurations
- ✓ 4 Speed PSC Motor

‡ Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

SPECIFICATION

UPFLOW

MODEL NO.		UNIT	MOUF83SC057-072E12A	MOUF83SC084-095E16A	MOUF83SC112-125F20A	MOHF83SC084-095E12A	MOHF83SC112-125F20A	MOHR83SC084-095E12A
Power Supply		Ph-V-Hz	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60
Fuel	Input	Btu/h	67,500 - 85,500	101,000 - 113,500	135,00 - 151,000	101,000 - 113,500	135,00 - 151,000	101,000 - 113,500
Oil	Output	Btu/h	57,000 - 72,000	84,000 - 95,000	113,00 - 126,000	85,000 - 95,000	113,00 - 126,000	85,000 - 95,000
Blower Size		inch	10 x 8	10 x 10	12 x 11	10 x 10	12 x 9	10 x 10
Temp Rise Range		° F	50-80	50-80	45-75	45-75	45-75	45-75
Cabinet Size (W)		inch	19.5	19.5	22.5	59	59	59
Cabinet (DxH)		inch	30.625 x 54	30.625 x 54	33.125 x 54	20.5 x 37	23.5 x 37	20.5 x 37
Motor		HP	1/3	1/3	1/2	1/2	3/4	3/4
Air Flow Rate (0.5ESP)		CFM	1220	1590	1835	1195	2005	1210
Motor Speeds		--	4 speed	4 speed	4 speed	4 speed	4 speed	4 speed
Gross Weight		lbs	230	250	270	250	270	250

SPECIFICATION

BASEMENT

MODEL NO.		UNIT	MOBF83SC084-095E16A	MOBF83SC112-125F20A	MOBR83SC084-095E16A	MOBR83SC112- 125F20A
Power Supply		Ph-V-Hz	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60
Fuel	Input	Btu/h	101,000 - 113,500	135,00 - 151,000	101,000 - 113,500	135,00 - 151,000
Oil	Output	Btu/h	85,000 - 95,000	113,00 - 126,000	85,000 - 95,000	113,00 - 126,000
Blower Size		inch	10 x 9	12 x 10	10 x 9	12 x 10
Temp Rise Range		° F	45 - 75	45 - 75	45 - 75	45 - 75
Cabinet Size (W)		inch	19.5	22.5	19.5	22.5
Cabinet (DxH)		inch	37 x 54	37 x 54	37 x 54	37 x 54
Motor		HP	1/3	1/3	1/2	3/4
Air Flow Rate (0.5ESP)		CFM	1550	2130	1550	2130
Motor Speeds		--	4 low, med, med/high, high	4 low, med, med/high, high	4 low, med, med/high, high	4 low, med, med/high, high
Gross Weight		lbs	225	270	230	270



* Data provided by AHRI

Notes :



95% AFUE

Gas Furnace

The 95% AFUE multi-positional gas furnace by MRCOOL® is a powerful, high quality, and energy-efficient heater. Unlike many other furnace models, the MRCOOL® 95% AFUE furnace uses a minimal amount of fuel ensuring your money is spent wisely.



- ✓ Quiet Running
- ✓ Superior Performance
- ✓ Durable Build & Finish
- ✓ Optional LP Kit
- ✓ Multi-Position Application
- ✓ 95% AFUE
- ✓ Energy Efficient
- ✓ Compact Design

†Registered Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; Lifetime heat exchanger warranty when registered). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

SPECIFICATION

UPFLOW HORIZONTAL		UNIT	MGM95SE045B3XA	MGM95SE070B3XA	MGM95SE090C4XA	MGM95SE110C5XA	MGM95SE135D5XA
Power Supply		Ph-V-Hz	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60
Natural	Input	Btu/h	44,000	66,000	88,000	110,000	132,000
Gas	Output	Btu/h	42,000	64,000	85,000	106,000	128,000
Blower Size		inch	10 x 8	10 x 8	10 x 10	11.5 x 10	11.5 x 10
Temp Rise Range		° F	35-65	35-65	40-70	45-75	50-80
Cabinet Size (W)		inch	17.5	17.5	21	21	24.5
Cabinet (DxH)		inch	28.5x33	28.5x33	28.5x33	28.5x33	28.5x33
Motor		HP	1/2	1/2	3/4	1	1
Air Flow Rate (0.5ESP)		CFM	1215	1215	1560	2030	2225
Motor Speeds		--	4 speed	4 speed	4 speed	4 speed	4 speed
Gas Type		--	NG (Natural Gas)	NG (Natural Gas)	NG (Natural Gas)	NG (Natural Gas)	NG (Natural Gas)
Gas Connection Size		inch	1/2	1/2	1/2	1/2	1/2
Gross Weight		lbs	129	134	158	170	187

SPECIFICATION

DOWNFLOW		UNIT	MGD95SE045B3XA	MGD95SE070B4XA	MGD95SE090C4XA	MGD95SE110C5XA
Power Supply		Ph-V-Hz	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60	1 - 120 - 60
Natural	Input	Btu/h	44,000	66,000	88,000	110,000
Gas	Output	Btu/h	42,000	64,000	85,000	106,000
Blower Size		inch	10 x 8	11.5 x 10	10 x 10	11 x 11
Temp Rise Range		° F	25-55	25-55	40-70	40-70
Cabinet Size (W)		inch	17.5	17.5	21	21
Cabinet (DxH)		inch	28.5x33	28.5x33	28.5x33	28.5x33
Motor		HP	1/2	3/4	3/4	1
Air Flow Rate (0.5ESP)		CFM	1230	1585	1570	2060
Motor Speeds		--	4 low, med, med/high, high	4 low, med, med/high, high	4 low, med, med/high, high	4 low, med, med/high, high
Gas Type		--	NG (Natural Gas)	NG (Natural Gas)	NG (Natural Gas)	NG (Natural Gas)
Gas Connection Size		inch	1/2	1/2	1/2	1/2
Gross Weight		lbs	131	144	160	174



* Data provided by AHRI

Notes :



Electric Furnace

Modular Air System

The MRCOOL® Multi-Position Modular Blower is designed to deliver dependable comfort and is built for reliability. The electronically commutated motor (ECM) delivers consistent airflow throughout the seasons, allowing you to stay comfortable all year long.



- ✓ Mobile Home Approved
- ✓ Durable Build & Finish
- ✓ R410A Refrigerant
- ✓ Multi-Position Application
- ✓ Superior Performance
- ✓ Energy Efficient
- ✓ Compact Design

*Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

ELECTRIC FURNACE - MODULAR AIR SYSTEM

SPECIFICATION

MODEL NO.		UNIT	MMBV08BE	MMBV12BE	MMBV16CE	MMBV20DE
Power Supply		V,Hz,Ph	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1
Blower	Type	--	ECM™ variable	ECM™ variable	ECM™ variable	ECM™ variable
Motor	Rated HP	HP	1/3	1/2	3/4	3/4
	Size	inch	9x6	9x6	10x8	10x8
Filter Size		inch	15x20	15x20	15x20	18x20
Max. Elect. Heat Available		kW	10	15	15	15
Indoor	Dimension	inch	17.5 x 25 x 21	17.5 x 25 x 21	21 x 26 x 21	21 x 26 x 24.5
Unit	Packing (WxHxD)	inch	-	-	-	-
	Weight (WxHxD)	lbs	79	86	97	105
CFM @ 0.5 ESP	Up to	W.C.	980	1210	1610	1780



* Data provided by AHRI

Notes :



Up to 35 EER Geothermal Heat Pump

The Geocool® eco-friendly series geothermal heat pump provides the homeowner with ultimate comfort and performance in one compact, easy-to-install unit. It uses chlorine-free and non-depleting R410A refrigerant that not only helps save money on energy bills, but also reduces air pollution.

+ complete install
kits available



- ✓ Quiet Running
- ✓ 2 Stage Compressor
- ✓ Horizontal/Vertical

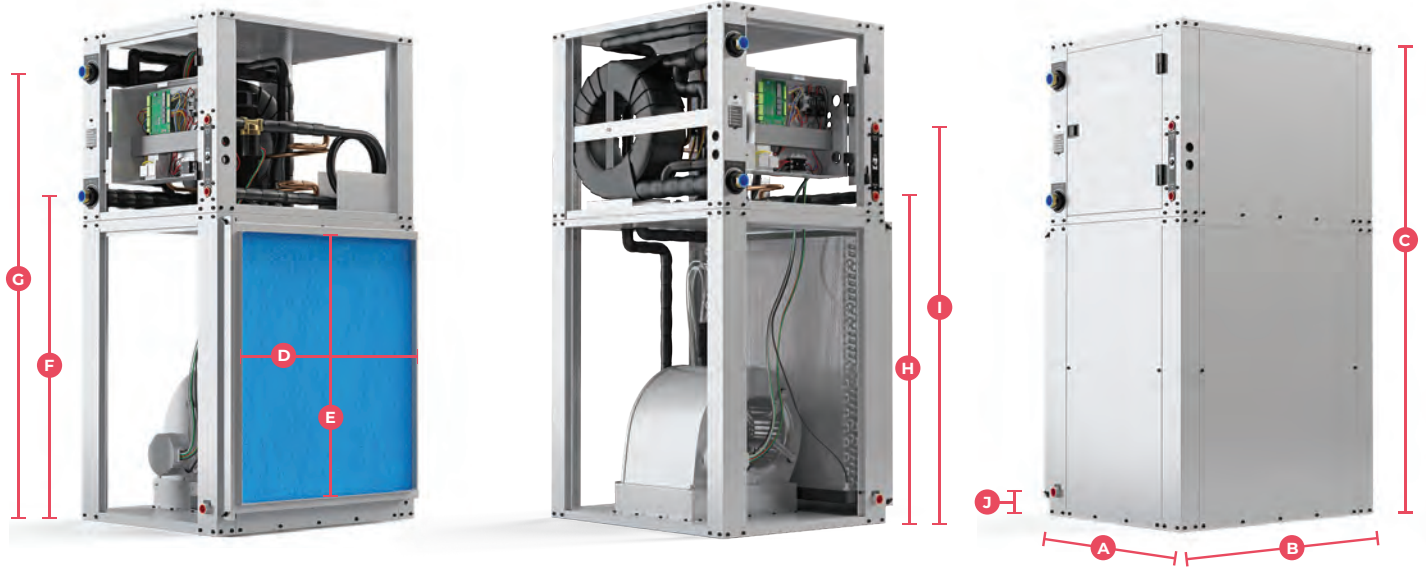
- ✓ Brushed Aluminum Cabinet
- ✓ Safeguards & Diagnostics
- ✓ Best in Class Efficiency

- ✓ Energy Efficient
- ✓ Compact Design



†Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

GEOHERMAL HEAT PUMP | DOWNFLOW



GCHPDO* TGTAN*

DIMENSIONAL DATA

MODEL	CABINET			RETURN		GROUND LOOP		DESUPERHEATER		CONDENSATE	WEIGHT
	DOWNFLOW	A X B X C	D X E	FILTER SIZE		F	G	H	I	J	
2 Ton	DOWNFLOW	25.75 X 32.00 X 56.00	26 X 28	28 X 30		35.88	47.94	35.275	43.525	3.75	325* - 335** LBS
3 Ton	DOWNFLOW	25.75 X 32.00 X 56.00	26 X 28	28 X 30		35.88	51.25	35.275	43.525	3.75	350* - 360** LBS
4 Ton	DOWNFLOW	25.75 X 32.00 X 60.00	30 X 28	32 X 30		39.88	55.13	39.275	47.525	3.75	380* - 390** LBS
5 Ton	DOWNFLOW	25.75 X 32.00 X 64.00	34 X 28	36 X 30		43.88	60.50	43.275	51.525	3.75	415* - 425** LBS

GROUND LOOP CONNECTIONS: 1" FPT / DESUPERHEATER CONNECTIONS: 3/4" FPT / CONDENSATE CONNECTION: 3/4" FPT

* UNIT WEIGHT NO DHW

FILTER RACK WIDTH IS 3". ("A" DIMENSION DOES NOT INCLUDE FILTER RACK WIDTH)

** UNIT WEIGHT WITH DESUPERHEATER

PERFORMANCE RATINGS

OPEN LOOP (GROUND WATER HEAT PUMP)										CLOSED LOOP (GROUND LOOP HEAT PUMP)			
COOLING					HEATING					COOLING		HEATING	
Entering Water Temperature 59F					Entering Water Temperature 50F					Entering Brine Temperature Full Load: 77F / Part Load: 68F		Entering Brine Temperature Full Load: 32F / Part Load: 41F	
MODEL	LOAD	FLUID FLOW (GPM)	AIRFLOW (COOLING CFM)	AIRFLOW (HEATING CFM)	CAPACITY (BTU/HR)	EER	CAPACITY (BTU/HR)	COP		CAPACITY (BTU/HR)	EER	CAPACITY (BTU/HR)	COP
2 Ton	Full	8.0	1000	950	29,000	27.4	25,700	5.4		27,000	20.7	19,900	4.2
	Part	7.0	850	800	23,000	36.5	19,000	5.5		21,900	29.1	16,500	4.7
3 Ton	Full	9.0	1350	1300	43,000	27.2	38,000	5.3		39,000	20.6	29,000	4.4
	Part	8.0	1150	1100	33,000	35.7	27,500	5.6		30,300	29.0	24,000	4.8
4 Ton	Full	12.0	1850	1750	56,000	26.0	50,000	4.9		50,000	19.2	39,400	4.0
	Part	11.0	1550	1500	41,000	33.0	34,500	5.0		38,000	27.0	30,000	4.5
5 Ton	Full	15.0	2300	2200	72,500	24.0	64,500	4.9		66,500	17.5	50,500	4.0
	Part	14.0	1950	1850	55,200	31.0	47,000	5.2		53,400	26.0	41,000	4.6

HEATING CAPACITIES BASED ON 68.0°F DB / 59.0°F WB ENTERING AIR TEMPERATURE

COOLING CAPACITIES BASED ON 80.6°F DB / 66.2°F WB ENTERING AIR TEMPERATURE

ALL RATINGS BASED ON 208V / 60Hz / 1ph

GEOHERMAL HEAT PUMP | VERTICAL



GCHPVO* TGTAN*

DIMENSIONAL DATA

MODEL	CABINET			RETURN		GROUND LOOP		DESUPERHEATER		CONDENSATE	WEIGHT
		A X B X C	D X E	FILTER SIZE	F	G	H	I	J		
2 Ton	VERTICAL	25.75 X 32.00 X 44.00	26 X 28	28 X 30	3.00	15.06	2.40	10.65	13,145	325* / 335** LBS	
3 Ton	VERTICAL	25.75 X 32.00 X 44.00	26 X 28	28 X 30	3.00	18.38	2.40	10.65	13,145	350* / 360** LBS	
4 Ton	VERTICAL	25.75 X 32.00 X 48.00	30 X 28	32 X 30	3.00	18.25	2.40	10.65	13,145	380* / 390** LBS	
5 Ton	VERTICAL	25.75 X 32.00 X 52.00	34 X 28	36 X 30	3.00	19.63	2.40	10.65	13,145	415* / 425** LBS	

GROUND LOOP CONNECTIONS: 1" FPT / DESUPERHEATER CONNECTIONS: 3/4" FPT / CONDENSATE CONNECTION: 3/4" FPT

* UNIT WEIGHT NO DHW

FILTER RACK WIDTH IS 3". ("A" DIMENSION DOES NOT INCLUDE FILTER RACK WIDTH)

** UNIT WEIGHT WITH DESUPERHEATER

PERFORMANCE RATINGS

OPEN LOOP

(GROUND WATER HEAT PUMP)

COOLING

Entering Water Temperature
59F

HEATING

Entering Water Temperature
50F

CLOSED LOOP

(GROUND LOOP HEAT PUMP)

COOLING

Entering Brine Temperature
Full Load: 77F / Part Load: 68F

HEATING

Entering Brine Temperature
Full Load: 32F / Part Load: 41F

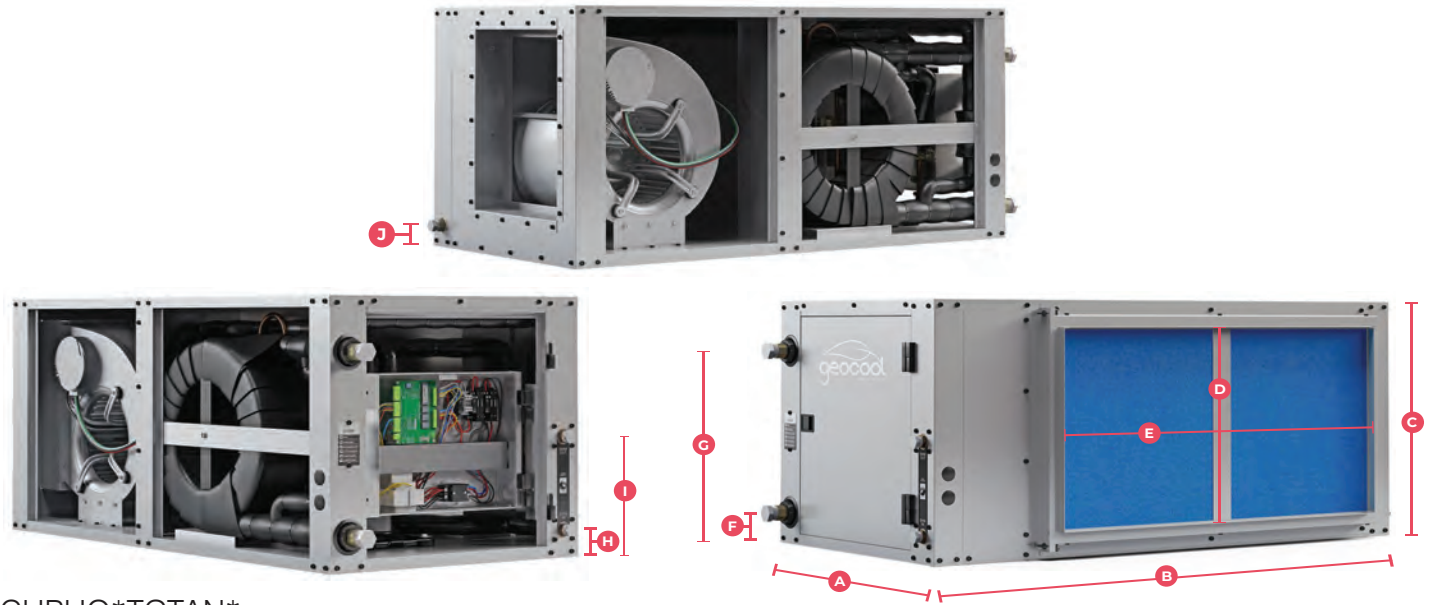
MODEL	LOAD	FLUID FLOW	AIRFLOW	AIRFLOW	CAPACITY	EER	CAPACITY	COP	CAPACITY	EER	CAPACITY	COP
		(GPM)	(COOLING CFM)	(HEATING CFM)	(BTU/HR)		(BTU/HR)		(BTU/HR)		(BTU/HR)	
2 Ton	Full	8.0	1000	950	29,000	27.4	25,700	5.4	27,000	20.7	19,900	4.2
	Part	7.0	850	800	23,000	36.5	19,000	5.5	21,900	29.1	16,500	4.7
3 Ton	Full	9.0	1350	1300	43,000	27.2	38,000	5.3	39,000	20.6	29,000	4.4
	Part	8.0	1150	1100	33,000	35.7	27,500	5.6	30,300	29.0	24,000	4.8
4 Ton	Full	12.0	1850	1750	56,000	26.0	50,000	4.9	50,000	19.2	39,400	4.0
	Part	11.0	1550	1500	41,000	33.0	34,500	5.0	38,000	27.0	30,000	4.5
5 Ton	Full	15.0	2300	2200	72,500	24.0	64,500	4.9	66,500	17.5	50,500	4.0
	Part	14.0	1950	1850	55,200	31.0	47,000	5.2	53,400	26.0	41,000	4.6

HEATING CAPACITIES BASED ON 68.0°F DB / 59.0°F WB ENTERING AIR TEMPERATURE

COOLING CAPACITIES BASED ON 80.6°F DB / 66.2°F WB ENTERING AIR TEMPERATURE

ALL RATINGS BASED ON 208V / 60Hz / 1ph

GEOHERMAL HEAT PUMP | HORIZONTAL



GCHPHO*TGTAN*

DIMENSIONAL DATA

MODEL	CABINET			RETURN		GROUND LOOP		DESUPERHEATER		CONDENSATE	WEIGHT
		A X B X C		D X E	FILTER SIZE	F	G	H	I	J	
2 Ton	HORIZONTAL	25.75 X 51.00 X 23.125		18 X 35	20 X 37	3.00	15.06	2.40	10.65	1.75	325* - 335** LBS
3 Ton	HORIZONTAL	25.75 X 51.00 X 23.125		18 X 35	20 X 37	3.00	18.38	2.40	10.65	1.75	350* - 360** LBS
4 Ton	HORIZONTAL	25.75 X 56.00 X 23.125		18 X 40	20 X 42	3.00	18.25	2.40	10.65	1.75	380* - 390** LBS
5 Ton	HORIZONTAL	25.75 X 61.00 X 23.125		18 X 45	20 X 47	3.00	19.63	2.40	10.65	1.75	415* - 425** LBS

GROUND LOOP CONNECTIONS: 1" FPT / DESUPERHEATER CONNECTIONS: 3/4" FPT / CONDENSATE CONNECTION: 3/4" FPT

* UNIT WEIGHT NO DHW

FILTER RACK WIDTH IS 3". ("A" DIMENSION DOES NOT INCLUDE FILTER RACK WIDTH)

** UNIT WEIGHT WITH DESUPERHEATER

PERFORMANCE RATINGS

OPEN LOOP

(GROUND WATER HEAT PUMP)

CLOSED LOOP

(GROUND LOOP HEAT PUMP)

MODEL	LOAD	FLUID FLOW (GPM)	AIRFLOW (COOLING CFM)	AIRFLOW (HEATING CFM)	COOLING				HEATING			
					CAPACITY (BTU/HR)	EER	CAPACITY (BTU/HR)	COP	CAPACITY (BTU/HR)	EER	CAPACITY (BTU/HR)	COP
2 Ton	Full	8.0	1000	950	29,000	27.4	25,700	5.4	27,000	20.7	19,900	4.2
	Part	7.0	850	800	23,000	36.5	19,000	5.5	21,900	29.1	16,500	4.7
3 Ton	Full	9.0	1350	1300	43,000	27.2	38,000	5.3	39,000	20.6	29,000	4.4
	Part	8.0	1150	1100	33,000	35.7	27,500	5.6	30,300	29.0	24,000	4.8
4 Ton	Full	12.0	1850	1750	56,000	26.0	50,000	4.9	50,000	19.2	39,400	4.0
	Part	11.0	1550	1500	41,000	33.0	34,500	5.0	38,000	27.0	30,000	4.5
5 Ton	Full	15.0	2300	2200	72,500	24.0	64,500	4.9	66,500	17.5	50,500	4.0
	Part	14.0	1950	1850	55,200	31.0	47,000	5.2	53,400	26.0	41,000	4.6

HEATING CAPACITIES BASED ON 68.0°F DB / 59.0°F WB ENTERING AIR TEMPERATURE

COOLING CAPACITIES BASED ON 80.6°F DB / 66.2°F WB ENTERING AIR TEMPERATURE

ALL RATINGS BASED ON 208V / 60Hz / 1ph



Up to 20 SEER Universal[®] Series Condenser

MRCOOL[®] would like to introduce you to the future of HVAC with its new Ultra-Heat Inverter Unitary Condensing Unit and Air Handler. This 2-3 Ton unit provides superb comfort while running at an extremely quiet dB, allowing rapid cooling and heating, and maximizing savings up to 20 SEER.



- ✓ Sizes: 2-3 ton or 4-5 ton
- ✓ Condensers can be field converted to smaller size using dip switch setting
- ✓ Gold fin corrosion protection
- ✓ Variable speed
- ✓ Rapid cooling and heating
- ✓ Quiet 55-58dB(a) operation
- ✓ 100% heating capacity down to -5°F (2T) 14°F (4T)
- ✓ 100% cooling capacity up to 115°F (2T) 109.4°F (4T)
- ✓ Low ambient cooling down to 5°F
- ✓ Gas furnace not required
- ✓ Compatible with any third party air handler and thermostat including WiFi/Nest
- ✓ Slim design
- ✓ 3 connection types:
 - Pre-Charged No-Vac[®] Quick Connect[®] Line Set (15ft, 25ft, 35ft, 50ft-Couplings also available)
 - Sweat braze connection
 - Flare connection

!Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

SPECIFICATION

MODEL NO.	UNITS	MDUO18024	MDUO18036	MDUO18048	MDUO18060
-----------	-------	-----------	-----------	-----------	-----------

CAPACITY & PERFORMANCE

Cooling Capacity	Btu/h (kW)	24000 (7kW)	36000 (10.55kW)	48000(14kW)	54000 (15.83kW)
SEER	Btu/w	Up to 20	Up to 18	Up to 18	Up to 17
Heating Capacity	Btu/h	24000 (7kW)	36000 (10.55kW)	48000(14kW)	54000 (15.83kW)
EER	(Btu/h)/W	12.5	11	11	10.5
HSPF	Btu/w	10.5	10	10.5	10
Noise level - Air Handler	dB(A)	55	57	58	58

ELECTRICAL PARTS

Min/Max Voltage	V	187/253	187/253	187/253	187/253
Rated Voltage	V	208/230	208/230	208/230	208/230
Min. Current Ampacity (MCA)	A	18	24	35	35
Max. Current Over Protection (MOP)	A	25	40	45	45

DIMENSIONS & WEIGHT

Net Dimension	(WxDxH)	inch (mm)	37x18.1x32.3 (940x460x820)	37x18.1x32.3 (940x460x820)	39.4x14.5x53.6 (1000x370x1363)	39.4x14.5x53.6 (1000x370x1363)
Packing Dimension	(WxDxH)	inch (mm)	42.6x22.6x38.3 (1083x573x973)	42.6x22.6x38.3 (1083x573x973)	44.8x18.9x58.6 (1138x478x1490)	44.8x18.9x58.6 (1138x478x1490)
Net weight	Outdoor	lbs (kg)	217.2 (98.5)	217.2 (98.5)	308.7 (140)	308.7 (140)
Gross Weight	Outdoor	lbs (kg)	240.3(109)	240.3(109)	337.3 (153)	337.3 (153)

REFRIGERANT & PIPING

Refrigerant Type	oz	R-410/148.8	R-410/148.8	R-410/211.7	R-410/211.7
Connection Pipe Method		Quick Connect Flare, Weld (with Stub)	Quick Connect Flare, Weld (with Stub)	Quick Connect Flare, Weld (with Stub)	Quick Connect Flare, Weld (with Stub)
Liquid Suction	inch	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"



* Data provided by AHRI

Notes :

Universal[®] Series Air Handler



The Universal[®] Series Air Handler provides superb comfort while running at an extremely quiet dB, offering rapid cooling and heating, and allowing maximum savings.



- ✓ Sizes: 2-3 ton or 4-5 ton
- ✓ R410A factory pre-charged air handler can be field converted to 2 ton from 3 ton or 4 ton from 5 ton using a dip switch setting
- ✓ High efficient energy saving DC fan motor
- ✓ 3 connection types:
 - Pre-charged No-Vac[®] Quick Connect[®] Line Set (15ft, 25ft, 35ft, 50ft-couplings also available)
 - Sweat braze fitting
 - Flare fitting
- ✓ The special fire-proof electrical box design offers anti-electric shock reserved installation space for the circuit breaker
- ✓ Easy to clean metal filter protects against fire, corrosion, and deterioration
- ✓ 2 step condensation protection
- ✓ 10 year limited warranty*
- ✓ Multi-position installation (upflow, horizontal)
- ✓ Internal fan blade creates low noise

*Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.

SPECIFICATION

MODEL		MDUI18024	MDUI18036	MDUI18048	MDUI18060
UNITS					
Cooling Capacity	Btu/h (kW)	24000 (7kW)	36000 (10.55kW)	48000 (14kW)	54000 (15.83kW)
SEER	Btu/w	Up to 20	Up to 18	Up to 18	Up to 17
Heating Capacity (Optional Heat Kit)	Btu/h	24000 (7kW)	36000 (10.55kW)	48000 (14kW)	54000 (15.83kW)
EER	(Btu/h)/W	12.5	11	11	10.5
HSPF	Btu/w	10.5	10	10.5	10
Noise level - Air Handler	dB(A)	45	47	50	51

ELECTRICAL PARTS

Min/Max Voltage	V	187/253	187/253	187/253	187/253
Rated Voltage	V	208/230	208/230	208/230	208/230
Min. Current Ampacity (MCA)	A	4	4	4	4
Max. Current Over Protection (MOP)	A	15	15	15	15

DIMENSIONS & WEIGHT

Net Dimension	(WXDXH)	inch (mm)	21.3x21.3x48.3 (540x540x1224)	21.3x21.3x48.3 (540x540x1224)	24.8x21.3x57 (630x540x1448)	24.8x21.3x57 (630x540x1448)
Packing Dimension	(WXDXH)	inch (mm)	26x23.8x50.4 (660x603x1280)	26x23.8x50.4 (660x603x1280)	27.3x26x59.4 (693x660x1508)	27.3x26x59.4 (693x660x1508)
Net weight	Indoor	lbs (kg)	156.5(71)	156.5(71)	202.8(92)	202.8(92)
Gross Weight	Indoor	lbs (kg)	169.8(77)	169.8(77)	218.3(99)	218.3(99)

REFRIGERANT & PIPING

Refrigerant Type		R-410A	R-410A	R-410A	R-410A
Connection Pipe Method		Quick Connect® Flare, Weld (with Stub)	Quick Connect®, Flare, Weld (with Stub)	Quick Connect®, Flare, Weld (with Stub)	Quick Connect®, Flare, Weld (with Stub)
Liquid Side/Suction Side	inch	3/8" x 3/4"	3/8" x 3/4"	3/8" x 3/4"	3/8" x 3/4"



* Data provided by AHRI

Notes :

NO-VAC® QUICK CONNECT® FACTORY CHARGED LINE SET

This easy-to-use line set greatly simplifies the installation process. It is pre-charged from the factory for the precise amount of refrigerant necessary for the 2-3 ton MrCool® Universal heat pump split system. This line set requires no charging in the field and no vacuuming. It is 100% ready to go right out of the box.



- Kink resistant for easier bending during installation
- 100% accurately precharged R410A refrigerant

15 FT	25 FT	35 FT	50 FT
1.94 OZ	3.17 OZ	9.77 OZ	19.44 OZ

- Simple to use screw-on Quick Connect® valves
- Line sizes 3/4" and 3/8"
- Leak proof
- No vacuum needed
- Faster installation than conventional linesets by saving 7 installation steps
- Strong 3/4" Gator-Flextra™ UV protective insulation sleeve provides extra protection against sun damage, weather erosion, or destruction from animals/rodents

Smart HVAC Ductless Ministat

On-device local controls completely manage a full range of mini split air conditioner actions including modes, swing positions, fan speeds and more. This Ministat is Ideal for homes, hotels, vacation rentals, airbnb properties, and more.



- ✓ Global control
- ✓ Temperature range control
- ✓ Auto remote detection
- ✓ Daily/weekly scheduling
- ✓ Timeline of actions
- ✓ Temperature calibration
- ✓ Local controls
- ✓ Location based control
- ✓ Comfy mode (temperature)
- ✓ Air filter status
- ✓ Actual room temperature
- ✓ Humidity calibration
- ✓ Zone controls
- ✓ Voice controls
- ✓ Comfy mode (humidity)
- ✓ Usage statistics
- ✓ Actual room humidity and many more!



Universal WiFi Thermostat

LIVE IN COMFORT™

The Universal WiFi Thermostat is a programmable thermostat designed for use with virtually any modern central heating and air conditioning system. It is easy to install and easy to use. Compatible with the MRCOOL® family of air comfort apps, you can control this thermostat from anywhere in the world with an internet connection.



*Smartphone not included

- ✓ Easy programming
- ✓ Universal compatibility
- ✓ 4.17x2.36 inch display
- ✓ Support up to 12 different equipment types
- ✓ Up to 3 Heat / 2 Cool
- ✓ 7 days programmable with auto changeover
- ✓ Supports Wi-Fi 802.11 b/g/n @ 2.4GHz
- ✓ 24V hardwire(C terminal)

Cool Breeze Bladeless Fan / Air Purifier

Our bladeless fan provides a continuous flow of clean air through the wide opening. Not only does it eliminate any staged impact or wavy stimulation, it also purifies the air at the same time.



Cool & Clean Air

- Oscillating fan
 - Powerful airflow
 - Captures pollutants
 - Reduces allergens
 - Removes odors
 - Safe bladeless design
 - Easy maintenance
-
- ✓ Quiet running
 - ✓ Fresh air
 - ✓ 8 speed remote control
 - ✓ HEPA double purification



Cool Blade HVLS Fan

Our HVLS Industrial Fan is an affordable and efficient solution to cool large spaces. The unique tubercle blade design creates greater air volume than any other industrial fan on the market. The unit is inexpensive to operate and minimizes the need for costly duct work in new construction for both heating and cooling systems.



- ✓ Up to 24 ft diameter
- ✓ Available in 3 sizes (14, 18, 24FT)
- ✓ Reduces temperature by 10° on average
- ✓ Includes multiple safety features
- ✓ Cost efficient
- ✓ Low maintenance



Tankless Water Heater

Enjoy endless comfort while running multiple hot water appliances at the same time. With the MRCOOL® Tankless Water Heater, waiting is no longer necessary. Instead, use that time to indulge and pamper yourself in a hot and relaxing tub or shower. Our Tankless Water Heater uses advanced technology to generate uniform heat, increase output, and create higher efficiency. It is also built with corrosion-resistant stainless steel for a better heat exchanger life, giving you peace of mind that your unit will last longer than a traditional water heater.



- ✓ Advanced heat exchanger technology
- ✓ High efficiency
- ✓ Eco-friendly premixed burner
- ✓ Free of lead & toxic materials
- ✓ Anti-freeze protection
- ✓ Ultra-low NOx & CO emission technology
- ✓ Meets SCAQMD standards
- ✓ Smart self-adapting temperature regulation

Filtered Water Dispenser

The MRCOOL Filtered Water Dispenser provides pure, fresh-tasting drinking water with the push of a button. Choose hot, cold, or ambient water. Rest assured your drinking water is pure thanks to the filter replacement reminder that alerts you when it is time to change the filter.



- ✓ Touch Panel
- ✓ Filter Replacement Reminder
- ✓ Four-Stage RO System with LED UV
- ✓ Separate Water Tank:
Ambient (5L) Hot (2L) Cold (4L)
- ✓ 150 GPD High Flow
- ✓ Auto Flush
- ✓ Sleek Design Matches Any Decor
- ✓ Cartridges Are Easy To Replace



Special Truckload Orders

Packaged Terminal

If you have ever stayed in a hotel, you have probably experienced the clunky sound of the a/c unit turning on. Nobody wants to be jolted out of bed by an alarming sound. That is why MRCOOL® has worked hard to develop our packaged terminal unit that allows guests to get the restful sleep they deserve.



- ✓ Quiet Running
- ✓ R410A Refrigerant
- ✓ Electric Heat Included

- ✓ Fresh Air Filter
- ✓ Auto Restart Function
- ✓ Gold Fin® Condenser



* Data provided by AHRI

SPECIFICATION

PACKAGED TERMINAL*

MODEL NO.	UNITS	PTHP07325	PTHP09335	PTHP12335	PTHP15335
CAPACITY & PERFORMANCE					
Cooling Capacity	Btu/h	7200 - 6800	9000 - 8800	12000 - 11800	14700 - 14500
EER	Btu/W*h	11.9	11.3	10.5	9.6
Heating Capacity	Btu/h	6000 - 5800	8100 - 7900	10800 - 10500	13500 - 13200
COP		3.4	3.4	3.2	3.0
Noise (Sound Pressure)	dB(A)	50/48/46	50/48/46	53/50/45	53/50/45
Level	dB(A)	61	61	66	66
Supplemental Electric Heat	kW	2.5	3.5	3.5	3.5

ELECTRICAL PARTS

Power supply	Ph-V-Hz	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60
Minimum Circuit Ampacity	A	14	20	20	20
Connection wiring	AWG	14AWG x 3	12AWG x 3	12AWG x 3	12AWG x 3
Cooling Current Rating	A	2.65/2.76	3.46/3.75	4.97/5.4	6.66/7.26
Heating Current Rating	A	2.25/2.41	3.04/3.28	4.3/4.63	5.74/6.2
Starting Current Rating	A	16	18	25.9	39

DIMENSIONS & WEIGHT

Dimension	Net	inch	42 x 21 x 16	42 x 21 x 16	42 x 21 x 16	42 x 21 x 16
(WxDxH)	Packing	inch	45 x 25.4 x 19.3	45 x 25.4 x 19.3	45 x 25.4 x 19.3	45 x 25.4 x 18.7
Weight	Net	lbs	101.4	106.9	117.9	120
	Gross	lbs	126.8	132.3	143.3	145.5

REFRIGERANT & PIPING

Refrigerant Type	--	R410A	R410A	R410A	R410A
Refrigerant Charge	oz	24.69	24.69	31.39	37.04

OPERATION FACTORS

Cooling Operation Range	Indoor	° F	62-90	62-90	62-90	62-90
	Outdoor	° F	64-109	64-109	64-109	64-109
Heating Operation Range	Indoor	° F	32-80	32-80	32-80	32-80
	Outdoor	° F	23-76	23-76	23-76	23-76

MODEL NO.	UNITS	PTAC07325	PTAC09335	PTAC12335	PTAC15335
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CAPACITY & PERFORMANCE

Cooling Capacity	Btu/h	7300-7100	9200-9000	12000-11800	14700-14500
EER	Btu/W*h	11.9	11.3	10.7	9.5
Heating Capacity	Btu/h	--	--	--	--
COP		--	--	--	--
Noise (Sound Pressure)	dB(A)	50/48/46	50/48/46	52/49/46	53/50/45
Level	dB(A)	61	63	66	66
Supplemental Electric Heat	kW	2.5	3.5	3.5	3.5

ELECTRICAL PARTS

Power supply	Ph-V-Hz	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60	1 - 208/230 - 60
Minimum Circuit Ampacity	A	14	20	20	20
Connection wiring	AWG	14AWG x 3	12AWG x 3	12AWG x 3	12AWG x 3
Cooling Current Rating	A	3.91	5.9	8.7	10.6
Heating Current Rating	A	--	--	--	--
Starting Current Rating	A	16	18	25.9	39

DIMENSIONS & WEIGHT

Dimension	Net	inch	42 x 21 x 16	42 x 21 x 16	42 x 21 x 16	42 x 21 x 16
(WxDxH)	Packing	inch	45 x 25.4 x 19.3	45 x 25.4 x 19.3	45 x 25.4 x 19.3	45 x 25.4 x 18.7
Weight	Net	lbs	99.2	104.7	115.7	117.9
	Gross	lbs	123.5	130	141.1	143.3

REFRIGERANT & PIPING

Refrigerant Type	--	R410A	R410A	R410A	R410A
Refrigerant Charge	oz	24.69	24.69	31.39	37.04

OPERATION FACTORS

Cooling Operation Range	Indoor	° F	62-90	62-90	62-90	62-90
	Outdoor	° F	64-109	64-109	64-109	64-109
Heating Operation Range	Indoor	° F	32-80	32-80	32-80	32-80
	Outdoor	° F	23-76	23-76	23-76	23-76



Window A/C*

- ✓ Timer
- ✓ Auto Restart Function
- ✓ Sleep Mode
- ✓ Fresh Air Filter

Portable Heat Pump*

- ✓ Timer
- ✓ Auto Restart Function
- ✓ Turbo Mode
- ✓ Leakage Detection
- ✓ Versatile Installation
- ✓ Sleep Mode
- ✓ Auto Swing
- ✓ Optional Electric Heat



Portable A/C*

- ✓ Timer
- ✓ Auto Restart Function
- ✓ Turbo Mode
- ✓ Leakage Detection
- ✓ Versatile Installation
- ✓ Sleep Mode
- ✓ Auto Swing
- ✓ Optional Electric Heat

*Truckload Orders Only



Portable A/C*

- ✓ Timer
- ✓ Auto Restart Function
- ✓ Sleep Mode
- ✓ Leakage Detection
- ✓ Versatile Installation

Portable Dehumidifier*

- ✓ Timer
- ✓ Auto Restart Function
- ✓ Turbo Mode
- ✓ Leakage Detection



Portable Dehumidifier*

- ✓ Timer
- ✓ Auto Restart Function
- ✓ Turbo Mode
- ✓ Leakage Detection
- ✓ Optional Gold Fin
- ✓ Optional Fresh Air Filter

*Truckload Orders Only

Accessories

Some of our most popular MRCOOL® accessories are shown below. Ask our sales team about our full list of available accessories. New ones are added often.



Wall Mounting Brackets

Use a MRCOOL® condenser wall mounting kit to elevate your ductless mini-split away from dirt, debris, and pests. Painted and easy to install, our smaller solid steel brackets can support up to 176 pounds. Our larger brackets can support heavier condensers up to 440 pounds. Both brackets are designed for MrCool ductless systems, but may also work effectively for other ductless condenser products.



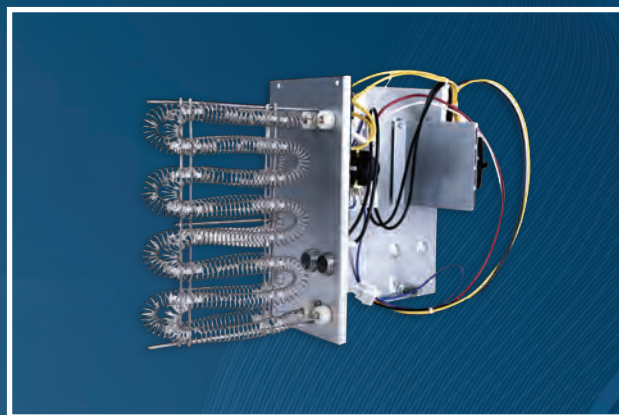
LineGuard® Line Set Cover

Our MRCOOL® LineGuard® is a protective line set cover kit for split air conditioners and heat pumps. It is durable, attractive, easy to install, and comes in various measurements. The LineGuard® protects your lines from various harsh weather conditions and prolonged sun exposure extending the life of your system. The kit's design gives the ductless mini-split a modern finish and a more attractive exterior.



Propane Conversion Kits

The MRCOOL propane conversion kit allows a natural gas furnace to utilize propane gas as its energy source when natural gas is not a viable option. Most furnace systems are meant for use with natural gas, however, depending on a home or business's location, natural gas lines aren't always available. Making changes to a furnace so that it can utilize an alternative fuel is a process that involves the replacement of internal connections and components.



Optional Electric Heat Kits

Want your MRCOOL split system to keep you comfortable all year long? Just add a MRCOOL Electric Heat Kit with Circuit Breaker to your MRCOOL air handling unit. Now you can cool your space when it's hot outside, and heat your space when it's cold with the same HVAC system. Nickel chromium heat elements, temperature control sequencers, multiple branch circuit capability, and a factory-installed circuit breaker are premium options that are included with our quality products.





MRCOOL®
COMFORT MADE SIMPLE



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