

# ComfortStar®



## LIGHT COMMERCIAL SPLIT SYSTEMS

### MRR & AHH series

18 SEER | 60Hz

#### FEATURES:

- Auto-restart
- Timer (24H)
- Turbo
- Auto Level swing
- Sleep mode (7 hour off)
- Refrigerant Leakage Detect
- Anti-cool wind
- Temp Compensation
- Dry Mode



**INVERTER**  
WITH INVERTER TECHNOLOGY



HIGH EFFICIENCY - DUCTLESS MINI-SPLIT SYSTEMS

Model			MRR24-410	MRR36-410	MRR48-410	MRR60-410
Cooling	Capacity	Btu/h	24000	35200	48000	58000
	EER	Btu/h.W	12.5	12.2	12.5	11.7
	SEER	Btu/h.W	18	18	18	18
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Supplier		Mitsubishi	Mitsubishi	GMCC	GMCC
	RLA		13.5	18.5	23.5	27.2
	LRA		45	45	52	52
Fan Motor	Type		PSC	PSC	DC	DC
	Rated HP		1/8	1/6	1/3	1/3
	Capacitor	uF	6	6	/	/
	Rated RPM	r/min	1075	825	1050	1050
	FLA		0.8	1	2.5	2.5
Outdoor Fan	material		Metal	Metal	Metal	Metal
	Type		Axial flow	Axial flow	Axial flow	Axial flow
	Diameter	inch	23-5/8	23-5/8	23-5/8	23-5/8
	Height	inch	2-3/4	4-1/2	4-1/2	4-1/2
	Air flow	CFM	2400	2950	4100	4100
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Outdoor sound level (sound power level)			75	77	79	79
Outdoor unit	Dimension (W×H×D)	mm	740×633×740	740×633×740	740×843×740	740X843X740
		inch	29-1/8×24-15/16×29-1/8	29-1/8×24-15/16×29-1/8	29-1/8×33-3/16×29-1/8	29-1/8×33-3/16×29-1/8
	Packing (W×H×D)	mm	768X667X768	768X667X768	768X877X768	768X877X768
		inch	30-1/5x26-1/4x30-1/5	30-1/5x26-1/4x30-1/5	30-1/5x34-1/2x30-1/5	30-1/5x34-1/2x30-1/5
	Net/Gross weight	kg	61/65	67/71	87/92	87/92
	lbs	134/143	148/157	192/203	192/203	
Refrigerant system	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
	Factory charge R410A	oz	78	114	152	163
	Metering device		/	/	/	/
Operating temperatures		°C	50-118	50-118	50-118	50-118
Maximum line length		Feet	100	100	100	100
Maximum elevation difference		Feet	50	50	50	50

Model			AHH24-410	AHH36-410	AHH48-410	AHH60-410
Indoor motor	Type		ECM	ECM	ECM	ECM
	Rated HP		1/3	1/2	3/4	3/4
	Rated RPM	r/min	1050	1050	1050	1050
	FLA		2.8	4.1	6.0	6.0
Indoor fan	material		galvanized plate	galvanized plate	galvanized plate	galvanized plate
	Type		centrifugal	centrifugal	centrifugal	centrifugal
	Diameter	inch	10-5/8	11	11	11
	Height	inch	8	10-5/8	10-5/8	10-5/8
Indoor limit value of static pressure and air flow		Pa/CFM	25/800	37.5/1180	50/1560	50/1700
Indoor sound level (sound power level)		dB(A)	63	65	67	68
Throttle type	Throttle type		TXV	TXV	TXV	TXV
	Model number		3TR	3TR	4TR	5TR
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
	Minimum Circuit Ampacity		3.5	5.1	7.5	7.5
	Max. Overcurrent Protection		15	15	15	15
	Min/Max Volts		187 / 253	187 / 253	187 / 253	187 / 253
Indoor unit	Dimension (W*H*D)	mm	500x550x1180	560x1385x610	560x1385x610	560x1385x610
		inch	19-5/8"x46-1/2"x21-5/8"	22"x54-1/2"x24"	22"x54-1/2"x24"	22"x54-1/2"x24"
	Packing (W*H*D)	mm	644x1205x567	704x1410x627	704x1410x627	704x1410x627
		inch	22-3/5"x47-4/5"x22-7/10"	27-7/10"x55-4/5"x25"	27-7/10"x55-4/5"x25"	27-7/10"x55-4/5"x25"
	Net/Gross weight	kg	54/60	74/82	74/82	77/85
	lbs	119/132	161/178	162/180	170/188	
Refrigerant piping Liquid side/ Gas side		inch	3/8 3/4	3/8 3/4	3/8 7/8	3/8 7/8

**ComfortStar®**

12201 N.W. 107TH AVENUE ▪ MEDLEY, FL 33178 ▪ TOLL FREE: 1-866-524-9898  
PHONE: 1-305-500-9898 ▪ FAX: 305-500-9896 ▪ E-MAIL: info@comfortstarusa.com

[www.comfortstarusa.com](http://www.comfortstarusa.com)