

ComfortStar®

Air Conditioning & Heating Products



COOLING ONLY LIGHT COMMERCIAL
24 VOLTS INVERTER SINGLE ZONE SYSTEMS

MRR-16 Series

2 TO 5 TONS

16 SEER

FEATURES:

- R32 Refrigerant
- DC Inverter Rotary Compressor
- Brushless DC Fan Motor
- Refrigerant-Cooled PCB
- 24V Thermostat Compatible
- Flexible Controls
- Precision Temperature Control



RTCA
Reglamento Técnico
Centroamericano
ISO9001 ISO14001

Comfort, it's in our name.

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☎ **Toll Free:** 1-866-524-9898 | **Phone:** 1-305-500-9898 | **Fax:** 1-305-500-9896 **Email us:** info@comfortstarusa.com ✉

www.comfortstarusa.com 🌐

MRR-16 Series

COOLING ONLY
LIGHT COMMERCIAL
2 UP TO 5 TONS



OUTDOOR UNIT			MRR24CD-16	MRR36CD-16	MRR48CD-16	MRR60CD-16
Power supply	V-Ph-Hz		208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
	Min. / Max. Voltage		187/253	187/253	187/253	187/253
Cooling	Capacity	Btu/h	24000	36000	48000	60000
	Input	W	2650	4000.0	5400.0	6500.0
	SEER	Btu/h.W	16	16	16	16
Outdoor Minimum Circuit Ampacity		A	19	23	36	39
Outdoor Max.Fuse		A	20	25	40	40
Outdoor Air Flow		CFM	2130	2830	3080	3080
Outdoor Noise Level		dB(A)	43	41	54	54
Connection Wiring		AWG	"485: AWG 25*3 Shielded, 24V: AWG 20"	"485: AWG 25*3 Shielded, 24V: AWG 20"	"485: AWG 25*3 Shielded, 24V: AWG 20"	"485: AWG 25*3 Shielded, 24V: AWG 20"
Communication Type			24V / 485	24V / 485	24V / 485	24V / 485
Throttle Type			/	/	/	/
Outdoor Unit	Unpacking (W*H*D)	inch	23-5/8×25×23-5/8	23-5/8×25×23-5/8	29-9/64×25×29-9/64	29-9/64×32-7/8×29-9/64
	Packing (W*H*D)	inch	25-63/64×26-3/16×25-63/64	25-63/64×26-3/16×25-63/64	30-5/16×26-3/16×30-5/16	30-5/16×34-1/16×30-5/16
	Net/Gross Weight	lbs.	99.6/105.3	105.8/111.5	112.4/119.2	131.6/139.6
Refrigeration	Type/Charge	oz	R32	R32	R32	R32
	Outdoor Additional Charge	oz/ft	0.52	0.52	0.52	0.52
	N.A.Design Pressure	PSI	609/174	609/174	609/174	609/174
Refrigerant Piping	Liquid Side / Gas Side	inch	(3/8) / (1/2)	(3/8) / (5/8)	(3/8) / (5/8)	(3/8) / (5/8)
	Max. Pipe Length	ft	98.0	164.0	246.0	246.0
	Max.Height Difference	ft	66.0	82.0	98.0	98.0
Ambient Temp.	Cooling		5~131	5~131	5~131	5~131

COMBINATION TABLE

DKP32 Series

Indoor Unit	Outdoor Unit	Cooling Capacity (Btu/h)	EER (Btu/h/W)	SEER (Btu/h/W)
DKP32-24	MRR24CD-16	24000	9.80	16.0
DKP32-36	MRR36CD-16	36000	9.50	16.0
DKP32-48	MRR48CD-16	48000	8.70	16.0
DKP32-60	MRR60CD-16	55000	8.00	16.0

NEI32 Series

Indoor Unit	Outdoor Unit	Cooling Capacity (Btu/h)	EER (Btu/h/W)	SEER (Btu/h/W)
NEI32-24	MRR24CD-16	24000	10.50	16.0
NEI32-36	MRR36CD-16	36000	10.50	16.0
NEI32-48	MRR48CD-16	48000	8.50	16.0
NEI32-60	MRR60CD-16	55000	8.50	16.0

CCT32 Series

Indoor Unit	Outdoor Unit	Cooling Capacity (Btu/h)	EER (Btu/h/W)	SEER (Btu/h/W)
CCT32-24	MRR24CD-16	24000	10.50	16.0
CCT32-36	MRR36CD-16	36000	10.50	16.0
CCT32-48	MRR48CD-16	48000	8.50	16.0
CCT32-60	MRR60CD-16	55000	8.50	16.0

AHE32 Series

Indoor Unit	Outdoor Unit	Cooling Capacity (Btu/h)	EER (Btu/h/W)	SEER (Btu/h/W)
AHE32-24	MRR24CD-16	24000	9.80	16.0
AHE32-36	MRR36CD-16	36000	9.50	16.0
AHE32-48	MRR48CD-16	48000	8.70	16.0
AHE32-60	MRR60CD-16	55000	8.00	16.0

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