



# Heat Pump Duct Inverter

# Ducto de Calor de Bomba



## Models / Modelos

## MFC6IT\_S/MRS6VT\_AS

Model			MFC6IT18S/MRS6VT18AS	MFC6IT24S/MRS6VT24AS	MFC6IT36S/MRS6VT36AS	MFC6IT48SMRRS6VT48AS
Power supply		V-Hz-Ph	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
Cooling	Capacity	Btu/h	16500	24000	36000	48000
	SEER	Btu/w	19.6	20.5	16.5	17.4
Heating	Capacity	Btu/h	19000	24000	40000	49500
	HSPF4	Btu/w	11	12.5	11.5	10.3
MINIMUM CIRCUIT AMPACITY		A	18	20	30	35
MAX.FUSE		A	25	30	50	50
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	Btu/h	13836	24345	32380	44697
	Input	W	1035	1970	2600	3420
	Refrigerant oil/oil charge	ml	ESTER OIL VG74/450	POE(VG74)/670	POE(VG74)/1000	ESTER OIL VG74/1400
Indoor fan motor	Model		ZKFN-160-8-1-2	ZKFN-160-8-1-2	ZKFN-300-8-1	ZKFN-560-8-1-1
	Input	W	90.0	90.0	250/182/130	560/240/95
	Speed(Hi/Mi/Lo)	r/min	800 / 700 / 450	880 / 820 / 690	1130 / 1050 / 990	890 / 820 / 840
Indoor air flow (Hi/Mi/Lo)		CFM	530 / 450 / 371	776 / 693 / 435	1082 / 913 / 703	1229 / 1032 / 715
Indoor noise level (Hi/Mi/Lo)		dB(A)	39 / 37 / 35	44 / 46 / 35.5	45.5 / 42 / 38.5	50.5 / 48.5 / 46
Indoor unit	Dimension(W*D*H)	mm	880 x 674 x 210	1100 x 774 x 249	1360 x 774 x 249	1200 x 874 x 300
	Dimension(W*D*H)	inch	34.65x28.53x8.27	43x30x10	54x30x10	47.24x34.41x11.81
	Packing (W*D*H)	mm	1070x725x270	1305x805x305	1570x805x305	1405x915x355
	Packing (W*D*H)	inch	42.13x28.53x10.63	51x32x12	62x32x12	55.31x36.02x13.98
	Net/Gross weight	Kg	24.5/30	39.4/46.7	48.3/55.5	54.3/64.3
	Net/Gross weight	lbs.	54/66	87/103	106/122	120/142
Outdoor fan motor	Model		ZKFN-50-8-2	ZKFN-120-8-2	ZKFN-120-8-2	ZKFN-85-8-22+ZKFN-85-8-22-2
	Input	W	115	150	150	126
Outdoor air flow		CFM	1470	2354	2530	4470
Outdoor noise level		dB(A)	60	61	66	62.5
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	946x410x810	946x410x810	952x415x1333
	Dimension(W*D*H)	inch	33.27x14.29x27.64	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48
	Packing (W*D*H)	mm	965x395x765	1090x500x875	1090x500x875	1095x495x1480
	Packing (W*D*H)	inch	37.99x15.55x30.11	42.91x19.69x34.45	42.91x19.69x34.45	43.11x19.49x58.27
	Net/Gross weight	Kg	43.2/46.5	62/67.4	67.4/73	98.6/111.6
	Net/Gross weight	lbs.	95.24/102.51	136.69/148.59	148.59/160.94	217.4/246.0
Refrigerant type R-410A charge		g - oz	40.6	68.8	82.9	108
Refrigerant precharge		ft	25	25	25	25
Additional charge for each ft		oz	0.16	0.32	0.32	0.32
Design pressure		PSIG	550 / 340	550 / 340	550 / 340	550 / 340
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m - ft	30 - 98	50 - 164	65 - 213	65 - 213
	Max. difference in level	m - ft	20 - 66	25 - 82	30 - 98	30 - 98
Operation temperature	Indoor(cooling/heating)	°C	17~30	17~30	17~30	17~30
	Indoor(cooling/heating)	°F	62~86	62~86	62~86	62~86
	Outdoor(cooling/heating)-optional	°C	-25~30	-25~30	-15~30	-15~30
	Outdoor(cooling/heating)-optional	°F	-13~86	-13~86	5~86	5~86