



Model			MISM-48HRR	MISM-48HRQ
Power supply		V-Ph-Hz	380-415V,3Ph,50Hz	220-240V,1Ph,50Hz
Cooling (Standard conditions)	Capacity	Btu/h	48000(40000~50000)	48000(12000~50000)
	Input	W	4680(2400~5100)	4670(900~5100)
	Current	A	7.5(3.8~8.5)	20.8(5.2~23.5)
	EER	W/W	3.01	3.01
Heating (Standard conditions)	Capacity	Btu/h	55000(28000~64000)	55000(14000~64000)
	Input	W	4470(3030~5220)	4470(1000~5220)
	Current	A	7.0(4.7~9.0)	19.9(5.7~20.7)
	COP	W/W	3.61	3.61
Seasonal Cooling	Pdesignc	kW	14.1	14.1
	SEER	W/W	6.1	6.1
	Energy Efficiency Class		A++	A++
Heating(Average)	Pdesignh	kW	11.1	11.0
	SCOP	W/W	4.0	4.0
	Energy Efficiency Class		A+	A+
	Tbiv		-7	-7
	Tbiv		2	2
	Tol		-15	-15
Rated Power Input		W	6900	6900
Rated Current		A	13	29
Compressor	Model		KTQ420D1UMU	KTQ420D1UMU
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	13700	13700
	Thermal protector		INT01L-4639	INT01L-4639
	Thermal protector position		EXTERNAL	EXTERNAL
	Refrigerant oil/oil charge	ml	VG74/1400	VG74/1400
Indoor air flow (Hi/Mi/Lo)		m3/h	2000/1850/1450	2000/1850/1450
Indoor noise level (Hi/Mi/Lo/Si)		dB(A)	51/49/46/43	51/49/46/43
Indoor sound power level		dB(A)	66	66
Indoor unit	Dimension(W*D*H)	mm	600x455x1934	600x455x1934
	Packing (W*D*H)	mm	2080x755x585	2080x755x585
	Net/Gross weight	kg	61.7/80.2	61.7/80.2
Outdoor air flow		m3/h	7500	7500
Outdoor sound pressure level		dB(A)	63	63
Outdoor sound power level		dB(A)	71	71
Outdoor unit	Dimension(W*D*H)	mm	952x415x1333	952x415x1333
	Packing (W*D*H)	mm	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	103.7/118.3	91.5/105.4
Refrigerant	Type		R32	R32
	GWP		675	675
	Charged quantity	kg	2.9	2.9
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	60	60
	Max. difference in level	m	25	25
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	-15~50/-15~24	-15~50/-15~24
Application area (Cooling Standard)		m2	64~94	64~94