

SAJA
S E R I E S

 **R-32**
REFRIGERANT

MULTI ZONE



 **HIGHEST COOLING
CAPABILITY**

 **OPTIMIZED ENERGY
EFFICIENCY**

 **LOW NOISE LEVEL**

SEER²



CONFORMS TO
UL STD. 1995
CERTIFIED TO
CSA STD. C22.2
NO. 236





WiFi

AUTO-RESTART

TURBO MODE

SLEEP MODE

LCD DISPLAY

SPECIFICATION-ODU

						18K	30K	36K
DC INVERTER	MODEL					MOSA32181	MOSA32301	MOSA32361
SYSTEM FORMAT						1 DRIVE 2	1 DRIVE 4	1 DRIVE 4
CAPACITY	COOLING	NON-DUCTED INDOOR UNITS	CAPACITY AT 95°F/ 35°C	RATED	BTU/H	17700	30000	36000
			CAPACITY RANGE	MIN-MAX	BTU/H	3800-19800	6000-38200	6350-38500
			POWER INPUT	RATED	W	1440	2400	2930
	HEATING	NON-DUCTED INDOOR UNITS	CAPACITY AT 47°F/ 8°C	RATED	BTU/H	18000	30000	36000
			CAPACITY RANGE	MIN-MAX	BTU/H	4200-22000	6300-36000	7000-43000
			POWER INPUT AT 47°F/ 8°C	RATED	W	1390	2250	2640
			CAPACITY AT 17°F/ -8°C	RATED	BTU/H	14700	27200	30800
			CAPACITY AT 5°F/ -15°C	MAX	BTU/H	14500	24600	25600
ELECTRIC DATA	POWER SUPPLY				V~,HZ,PH	208~230,60,1	208~230,60,1	208~230,60,1
	COOLING POWER INPUT				W	1440	2400	2930
	HEATING POWER INPUT				W	1390	2250	2640
	RATED CURRENT (COOLING&HEATING)				A	6.39/6.17	10.65/9.98	12.87/11.59
	MAX.INPUT CURRENT				A	13	23	25
	MIN.CIRCUIT AMPACITY(MCA)				A	15	26	29
	RECOMMENDED FUSE SIZE				A	20	30	30
	MAX.FUSE SIZE/MAX.OVERCURRENT PROTECTION(MOP)				A	20	40	45
	MAX POWER				KW	2.7	4.6	4.9
EFFICIENCY	NON-DUCTED INDOOR UNITS	SEER2		BTU/W	22	23	23	
		HSPF2 (REGION IV)		BTU/W	10	10	10	
		HSPF2 (REGION V)		BTU/W	8	8.5	7.5	
		COP		W/W	3.8	3.9	4	
		EER2		BTU/W	12.3	12.5	12.3	
DC INV. COMPRESSOR	QUANTITY				-	1	1	1
	TYPE				-	ROTARY	ROTARY	ROTARY
	BRAND				-	GMCC	GMCC	GMCC
	CAPACITY				W	4345	7640	7640
	INPUT				W	1100	2065	2065
	POWER SUPPLY		V~,HZ,PH		208~230,60,1	208~230,60,1	208~230,60,1	
	RATED CURRENT				A	6.75	9.3	9.3
	REFRIGERANT OIL		ML		VG74/420ML	VG74/620ML	VG74/620ML	
AIR FLOW VOLUME	FREQUENCY RANGE				-	10~120 HZ	12~120 HZ	12~120 HZ
			CFM		1529	2353	2353	
NOISE LEVEL	SOUND PRESSURE NOISE LEVEL				DB(A)	54	58	59
	SOUND POWER NOISE LEVEL				DB(A)	64	68	69
DIMENSION	NET DIMENSION (W×D×H)				MM	880×353×557	1046×455×808	1046×455×808
					INCH	34.65×13.90×21.93	41.18×17.91×31.81	41.18×17.91×31.81
	PACKING DIMENSION (W×D×H)				MM	900×380×615	1105×495×885	1105×495×885
					INCH	35.43×14.96×24.21	43.50×19.49×34.84	43.50×19.49×34.84
	STRENGTHEN PACKAGING DIMENSION (W×D×H)		FIVE LAYER - SEVEN LAYER CORRUGATED CARDBOARD BOX		MM	913×398×660	/	/
					INCH	35.94×15.67×25.98	/	/
			WOOD PALLET		MM	/	1105×495×925	1105×495×925
WEIGHT	NET/GROSS				KG	34/36.5	675/71.5	70/74
					LBS	75.0/80.5	148.8/157.6	154.3/163.1
REFRIGERANT TYPE/QUANTITY	TYPE				-	R32	R32	R32
	CHARGED VOLUME				KG/OZ	1.1/38.8	1.9/67.0	2.3/81.2
	ADDITIONAL CHARGE		(G/M)/(OZ/FT)		15/0.16	15/0.16	15/0.16	
	PRE-CHARGE LENGTH				M(FT)	15(49.2)	30(98.4)	30(98.4)
PIPING	LIQUID SIDE				INCH	(1/4)	(1/4)	(1/4)
	GAS SIDE				INCH	(3/8)	(3/8)	(3/8)
	MAX. LENGTH FOR ALL ROOMS (M)				M/FT	40/131	80/263	80/263
	MAX. LENGTH FOR ONE IDU (M)				M/FT	25/82	35/115	35/115
	MAX. HEIGHT DIFFERENCE BETWEEN IDU AND OU (M)				M/FT	15/49	15/49	15/49
	MAX. HEIGHT DIFFERENCE BETWEEN IDUS (M)				M/FT	10/33	10/33	10/33
					°F	-13~125°F/-13~75°F	-13~125°F/-13~75°F	-13~125°F/-13~75°F
SPECIFICATION OF WIRING	POWER WIRING (ODU)		AWG		3X14	3X10	3X10	
	CONNECTION WIRING(IDU & ODU)		AWG		4X18	4X18	4X18	
STUFFING QUANTITY	20/40/40H		UNIT		114/234/312	44/92/144	44/92/144	



WiFi

AUTO-RESTART

TURBO MODE

SLEEP MODE

LCD DISPLAY

SPECIFICATION-WALL MOUNTED

			7K	9K	12K	18K
INDOOR	MODEL		MISAW3207	MISAW3209	MISAW3212	MISAW3218
CAPACITY	COOLING	BTU/H	7000	9000	12000	17000
	HEATING	BTU/H	7000	9000	12300	17700
ELECTRIC DATA	POWER SUPPLY	V~HZ,PH	208~230,60,1	208~230,60,1	208~230,60,1	208~230,60,1
	INPUT CURRENT	A	0.13	0.13	0.13	0.25
INDOOR FAN MOTOR	BRAND	-	WEILING	WEILING	WEILING	WEILING
	OUTPUT POWER	W	13	13	13	30
	SPEED (TU/Hi/MI/LO)	R/MIN	COOLING:1280/1130/1015/900 HEATING:1280/1180/1040/900	COOLING:1280/1130/1015/900 HEATING:1280/1180/1040/900	COOLING:1330/1180/1040/900 HEATING:1330/1230/1065/900	COOLING:1330/1180/1050/900 HEATING:1280/1130/1000/900
-	AIR FLOW VOLUME (TU/Hi/MI/LO)	CFM	COOLING:353/312/282/247 HEATING:353/324/288/247	COOLING:353/312/282/247 HEATING:353/324/288/247	COOLING:382/324/294/235 HEATING:371/335/300/241	COOLING:618/559/500/441 HEATING:588/529/471/441
		M3/H	COOLING:600/530/480/420 HEATING:600/550/490/420	COOLING:600/530/480/420 HEATING:600/550/490/420	COOLING:650/550/500/400 HEATING:630/570/510/410	COOLING:1050/950/850/750 HEATING:1000/900/800/750
	SOUND PRESSURE NOISE LEVEL	DB(A)	40/38/35/30	40/38/35/30	42/40/36/32	49/45/40/35
		KG/H [LBS/H]	0.7 [15]	0.7 [15]	1 [2.2]	1.6 [3.5]
DIMENSION	NET DIMENSION (W×D×H)	MM	788×198×292	788×198×292	876×194×298	986×225×315
		INCH	31.02×78.0×11.50	31.02×78.0×11.50	34.49×76.4×11.73	38.82×8.86×12.40
	PACKING DIMENSION (W×D×H)	MM	880×290×370	880×290×370	965×282×370	1070×312×385
		INCH	34.65×114.2×14.57	34.65×114.2×14.57	37.99×11.1×14.57	42.13×12.28×15.16
WEIGHT	NET/GROSS	KG	8.0/10.0	8.0/10.0	9.0/11.0	12.0/15.0
		LBS	17.60/22.00	17.60/22.00	19.80/24.27	26.45/32.26
REFRIGERANT TYPE	-	-	R32	R32	R32	R32
PIPE DIAMETER	LIQUID SIDE	(INCH)	(1/4)	(1/4)	(1/4)	(1/4)
	GAS SIDE	(INCH)	(3/8)	(3/8)	(3/8)	(3/8)
	DRAINAGE	(INCH)	(2/3)	(2/3)	(2/3)	(2/3)
STUFFING QUANTITY	20/40/40H	UNIT	304/640/720	304/640/720	296/608/684	224/462/528

SPECIFICATION-8WAY CASSETTE

			12K
INDOOR	MODEL		MISAC3212
CAPACITY	COOLING	BTU/H	12000
	HEATING	BTU/H	12000
ELECTRIC DATA	POWER SUPPLY	V~HZ,PH	208~230,60,1
	INPUT CURRENT	A	0.20
INDOOR FAN MOTOR	BRAND	-	PANASONIC
	OUTPUT POWER	W	30
	CAPACITOR	UF	-
	SPEED (HI/MI/LO)	R/MIN	720/610/530
-	AIR FLOW VOLUME (HI/MI/LO)	CFM	412/365/312
		M3/H	700/620/530
	SOUND PRESSURE NOISE LEVEL	DB(A)	40/36/33
MOISTURE REMOVAL		KG/H [LBS/H]	1 [2.2]
DIMENSION	NET DIMENSION(W×D×H)	INCH	22.44×22.44×10.24
	PACKING DIMENSIONS(W×D×H)	INCH	28.35×25.59×11.42
	NET DIMENSIONS(PANEL)	INCH	25.59×25.59×2.17
	PACKING DIMENSIONS(PANEL)	INCH	27.95×27.95×3.15
WEIGHT	NET/GROSS(BODY)	LBS	30.9/37.5
	NET/GROSS(PANEL)	LBS	4.9/8.2
REFRIGERANT TYPE	-	-	R32
PIPE DIAMETER	LIQUID SIDE	INCH	(1/4)
	GAS SIDE	INCH	(3/8)
	DRAINAGE	INCH	25 (0.984)
STUFFING QUANTITY	20/40/40H	UNIT	216/432/486
OPERATION TEMPERATURE RANGE		°C	16~32
		°F	60.8~89.6

