



# SAJA SERIES

 **R-32**  
REFRIGERANT

# MULTI ZONE



 **HIGHEST COOLING  
CAPABILITY**

 **OPTIMIZED ENERGY  
EFFICIENCY**

 **LOW NOISE LEVEL**

## SEER<sup>2</sup>



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





**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			
	TYPE		-	ROTARY	ROTARY			
	BRAND		-	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								
NOISE LEVEL	SOUND PRESSURE NOISE LEVEL		CFM	1529	2353	2353		
	SOUND POWER NOISE LEVEL		M3/H	2600	4000	4000		
DIMENSION	NET DIMENSION (W*D*H)		DB(A)	54	58	59		
			DB(A)	64	68	69		
	PACKING 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		
	STRENGTHEN PACKAGING 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		
WEIGHT	NET/GROSS		MM	913*398*660	/	/		
			INCH	35.94*15.67*25.98	/	/		
REFRIGERANT TYPE/QUANTITY	TYPE		MM	/	1105*495*925	1105*495*925		
			INCH	/	43.50*19.49*36.42	43.50*19.49*36.42		
			KG	34/36.5	675/71.5	70/74		
			LBS	75.0/80.5	148.8/157.6	154.3/163.1		
PIPING	NET/GROSS							
SPECIFICATION OF WIRING	POWER WIRING (ODU)							
	CONNECTION WIRING(IDU&ODU)							
STUFFING QUANTITY	20/40/40H							



**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
	MOISTURE REMOVAL	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*780*11.50	31.02*780*11.50	34.49*764*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*1142*14.57	34.65*1142*14.57	37.99*111.1*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(WDXH)	INCH	22.44*22.44*10.24
	PACKING DIMENSIONS(WDXH)	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
			°F

