



Multi-Zone Systems Series

Multi Zone Systems Series provides convenience, comfort, and quietness to the different spaces of your home, office and store.



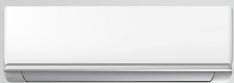
Up to **22.0 SEER**



High Wall

Ceiling Cassette

Concealed Duct



- Choose different unit style – High Wall, Ceiling Cassette & Concealed Duct
- Create hundreds of combinations bases on indoor unit type and BTU.



MODELS: AMSH2700VM1-D | AMSH3600VM1-D | AMSH4800VM1-D
REQUIRES PROFESSIONAL INSTALLATION - 208/ 230V, 1Ph, 60Hz - Up to 22.0 SEER
Consult you Air Conditioning Professional for more details.

7 YEARS COMPRESOR
5 YEAR PARTS
WARRANTY

OLDACH
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER
www.oldachpr.com

MULTI ZONE COMBINATIONS RATED CAPACITIES

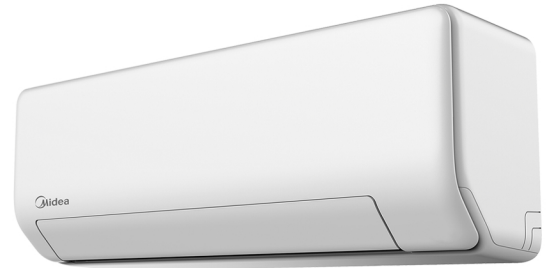
OUTDOOR UNIT MODEL	NO. OF ZONES	COOLING CAPACITY (BTU/H)				
M3OJ-27HFN1-M		ZONE 1	ZONE 2	ZONE 3	ZONE 4	Rated
9+9	2-Zone	9,500	9,500			19,000
9+12		9,500	12,000			21,500
9+18		8,400	16,600			25,000
12+12		12,000	12,000			24,000
12+18		10,000	15,000			25,000
18+18		14,000	14,000			28,000
9+9+9	3-Zone	9,000	9,000	9,000		27,000
9+9+12		8,667	8,667	11,667		29,001
9+9+18		8,333	8,333	13,333		29,999
9+12+12		8,500	10,000	10,000		28,500
12+12+12		9,667	9,667	9,667		29,001
M4OG-36HFN1-M		ZONE 1	ZONE 2	ZONE 3	ZONE 4	Rated
9+9	2-Zone	10,000	10,000			20,000
9+12		9,500	12,000			21,500
9+18		9,500	17,500			27,000
9+24		9,000	24,000			33,000
12+12		12,000	12,000			24,000
12+18		12,000	18,000			30,000
12+24	11,000	23,000			34,000	
18+18	16,500	16,500			33,000	
9+9+9	3-Zone	9,333	9,333	9,333		27,999
9+9+12		9,000	9,000	12,000		30,000
9+9+18		8,000	8,000	16,000		32,000
9+9+24		7,500	7,500	20,000		35,000
9+12+12		8,500	11,500	11,500		31,500
9+12+18		8,000	11,000	15,000		34,000
9+12+24	9,000	10,000	20,100		39,100	
9+18+18	8,000	14,000	14,000		36,000	
12+12+12	11,333	11,333	11,333		33,999	
12+12+18	11,000	11,000	14,000		36,000	
12+18+18	9,333	13,333	13,333		35,999	
12+12+24	8,000	8,000	20,000		36,000	
9+9+9+9	4-Zone	9,000	9,000	9,000	9,000	36,000
9+9+9+12		8,500	8,500	8,500	11,500	37,000
9+9+9+18		8,000	8,000	8,000	14,000	38,000
9+9+12+12		8,000	8,000	10,500	10,500	37,000
9+9+12+18		7,500	7,500	9,000	14,000	38,000
9+12+12+12		7,000	10,000	10,000	10,000	37,000
12+12+12+12	9,500	9,500	9,500	9,500	38,000	
M5OG-48HFN1-M		ZONE 1	ZONE 2	ZONE 3	ZONE 4	Rated
9+18	2-Zone	9,500	18,000			27,500
9+24		9,500	24,000			33,500
9+30		9,000	30,000			39,000
9+36		9,000	36,000			45,000
12+12		12,500	12,500			25,000
12+18		12,000	18,000			30,000
12+24		12,000	24,000			36,000
12+30		12,000	30,000			42,000
12+36		12,000	36,000			48,000
18+18		18,500	18,500			37,000
18+24		17,500	22,500			40,000
18+30		18,000	30,000			48,000
18+36		16,000	32,000			48,000
24+24		21,000	21,000			42,000
24+30		21,000	26,000			47,000
24+36		21,000	27,000			48,000

OUTDOOR UNIT MODEL	NO. OF ZONES	COOLING CAPACITY (BTU/H)					
M5OG-48HFN1-M		ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	Rated
9+9+9	3-Zone	9,500	9,500	9,500			28,500
9+9+12		9,500	9,500	12,000			31,000
9+9+18		9,500	9,500	18,000			37,000
9+9+24		9,000	9,000	22,500			40,500
9+9+30		9,000	9,000	30,000			48,000
9+9+36		8,000	8,000	32,000			48,000
9+12+12		9,500	12,500	12,500			34,500
9+12+18		9,000	12,000	18,000			39,000
9+12+24		9,000	12,000	21,500			42,500
9+12+30		8,000	11,000	28,000			47,000
9+12+36		8,000	10,500	29,500			48,000
9+18+18		9,000	18,000	18,000			45,000
9+18+24		8,500	15,500	21,000			45,000
9+18+30		8,000	16,000	24,000			48,000
9+18+36		7,000	15,000	26,000			48,000
9+24+24		8,000	20,000	20,000			48,000
12+12+12		12,000	12,000	12,000			36,000
12+12+18		11,000	11,000	22,000			44,000
12+12+24	11,000	11,000	22,000			44,000	
12+12+30	10,000	10,000	28,000			48,000	
12+12+36	9,000	9,000	30,000			48,000	
12+18+18	11,000	16,500	16,500			44,000	
12+18+24	10,500	15,500	21,500			47,500	
12+18+30	8,000	16,000	24,000			48,000	
12+24+24	10,000	20,000	20,000			50,000	
18+18+18	16,000	16,000	16,000			48,000	
18+18+24	15,000	15,000	20,000			50,000	
9+9+9+9	4-Zone	9,250	9,250	9,250	9,250		37,000
9+9+9+12		9,000	9,000	9,000	12,000		39,000
9+9+9+18		9,000	9,000	9,000	17,000		44,000
9+9+9+24		8,500	8,500	8,500	20,500		46,000
9+9+9+30		7,000	7,000	7,000	27,000		48,000
9+9+9+36		6,000	6,000	6,000	30,000		48,000
9+9+12+12		9,000	9,000	12,000	12,000		42,000
9+9+12+18		9,000	9,000	11,000	17,000		46,000
9+9+12+24		8,500	8,500	10,500	20,500		48,000
9+9+12+30		7,000	7,000	10,000	24,000		48,000
9+9+18+18		8,500	8,500	15,500	15,500		48,000
9+9+18+24		8,000	8,000	14,500	20,000		50,500
9+12+12+12		9,000	12,000	12,000	12,000		45,000
9+12+12+18		9,000	11,000	11,000	16,000		47,000
9+12+12+24		8,500	10,000	10,000	24,000		52,500
9+12+18+18		8,500	10,000	16,000	16,000		50,500
9+18+18+18		8,500	14,000	14,000	14,000		50,500
12+12+12+12		12,000	12,000	12,000	12,000		48,000
12+12+12+18	11,000	11,000	11,000	16,000		49,000	
12+12+12+24	10,000	10,000	10,000	20,000		50,000	
12+12+18+18	10,000	10,000	15,000	15,000		50,000	
9+9+9+9+9	5-Zone	9,000	9,000	9,000	9,000	9,000	45,000
9+9+9+9+12		9,000	9,000	9,000	9,000	12,000	48,000
9+9+9+9+18		8,500	8,500	8,500	8,500	16,000	50,000
9+9+9+9+24		7,750	7,750	7,750	7,750	19,500	50,500
9+9+9+12+12		9,000	9,000	9,000	11,500	11,500	50,000
9+9+9+12+18		8,000	8,000	8,000	11,000	16,000	51,000
9+9+9+18+18		8,000	8,000	8,000	16,000	16,000	56,000
9+9+12+12+12		8,500	8,500	11,000	11,000	11,000	50,000
9+9+12+12+18		8,500	8,500	10,000	10,000	15,000	52,000
9+12+12+12+12		8,000	11,000	11,000	11,000	11,000	52,000
9+12+12+12+18		7,500	10,000	10,000	10,000	14,500	52,000
12+12+12+12+12		10,500	10,500	10,500	10,500	10,500	52,500



CONDENSING UNIT Inverter Series

		Outdoor	M30J-27HFN1-M	M40G-36HFN1-M	M50G-48HFN1-M
Power supply		V-Ph-Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity (range)	Btu/h	28000(9277~30776)	36000(8209~40555)	48000(19000~50000)
	Input	W	2485	3125	3840
	Current	A	11.5	13.6	16.8
	EER	Btu/w	11.2	11.5	12.5
	SEER	Btu/w	21	23.0	22.4
MINIMUM CIRCUIT AMPACITY		A	24.5	25.0	40
MAX.FUSE		A	30	40	60
Type	Type		Twin-ROTARY	ROTARY	ROTARY
	Capacity	W	7600	10010	11200
	Input	W	2045	2765	3040
	Rated current(RLA)	A	14	18.0	24
	Input	W	130.0	50.0	50.0
	RLA	A	1.11	0.25	0.25
	Speed(Hi/Mi/Lo)	r/min	1170/1030/850	1100/850/700	1100/850/700
	Outdoor air flow	CFM	2129.41	2147.06	4500.00
Outdoor noise level		dB(A)	61	63	64.0
Dimension(W*D*H)	Dimension(W*D*H)	inch	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48
	Packing (W*D*H)	inch	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27
	Net/Gross weight	lb	139.77/150.57	169.09/181.44	225.53/256.62
Refrigerant type			R410A/91.7ozs	R410A/134.04ozs	R410A/162ozs
Additional charge for each ft		oz/ft	0.16	0.16	0.16
Design pressure		PSIG	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	(inch)	(3x1/4in)/(3x3/8in)	(4x1/4in)/(3x3/8in+1x1/2in)	(5x1/4in)/(3x3/8in+2x1/2in)
	Max. refrigerant pipe length	ft	98.42	114.83	114.83
	Max. difference in level	ft	49.21	49.21	49.21
Connection wiring			16#x4	16#x4	16#x4
Thermostat type			Remote Control	Remote Control	Remote Control



mission PRO

		Indoor	MSEP8-09HRFN1-MY5W(GA)	MSEP8-12HRFN1-MW5W(GA)	MSEP8-18HRFN1-MU0W	MSEP8-24HRFN1-MU0W
Power supply		Ph-V-Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	600	857	1440	1714
	Rated current	A	2.61	3.72	6.45	8
	SEER		25.5	25.5	22.6	22
	EER	W/W	15.0	14.0	12.5	14.0
Electrical	Max. input consumption	W	2950	2950	2900	3910
	Max. current	A	13	13	13.5	17
Indoor unit	Input	W	50	50.0	36.0	58.0
	Speed(Hi/Mi/Lo)	r/min	1100/850/700	1050/930/870	1240/1024/916	1000/850/700
	Indoor air flow (Hi/Mi/Lo)	CFM	382.35/335.29/229.41/176.47	635.29/523.53/376.47/305.88	382.35/335.29/229.41/176.47	718.82/611.18/414.12/318.82
	Indoor noise level (Hi/Mi/Lo)	dB(A)	38/34/23	38/33.5/23.5	46.5/43/32.5	44/39.5/34
	Dimension(W*D*H)	inch	31.30x8.86x11.61	31.29x8.85x11.61	37.99x9.40x12.55	44.88x10.82x14.56
Packing (W*D*H)		inch	34.25x14.57x12.01	34.25x14.560x12.00	41.14x15.74x12.79	48.42x17.91x13.97
Net/Gross weight		lb	27.12/35.71	95.02/101.85	73.63/79.37	124.78/134.92



CEILING CASSETTE Inverter Series

		Indoor	MCA3U-09HRFN1-M(C)	MCA3U-12HRFN1-M(C)	MCA3U-18HRFN1-M(C)	MCD1-24HRFN1-MT0W(GA)
Power supply		V- Ph-Hz	208-230V,1Ph, 60Hz	208-230V,1Ph, 60Hz	208-230V,1Ph, 60Hz	220-230V,1Ph, 60Hz
Cooling	Capacity (range)	Btu/hr	9000(2970~10500)	12000(2800~14100)	16000(5600~16000)	24000(8130~26272)
	Input	W	692	857	1340	1920.0
	Current	A	3.17	3.92	6.01	8.8
	EER	Btu/w	13	14	12.5	12.5
	SEER	Btu/w	20	22	20.5	20.7
MINIMUM CIRCUIT AMPACITY (Indoor)		A	1.2	1.3	1.9	2.5
MAX.FUSE (Indoor)		A	15.0	15	15	15
Indoor Fan Motor	Input	W	48	48	48	72
	RLA	A	0.37	0.37	0.37	1
	Speed(Hi/Mi/Lo)	r/min	600/520/460	600/520/460	730/630/570	680/624/568/512
Indoor air flow (Hi/Mi/Lo)		CFM	52.94/305.88/270.59	335.29/282.35/241.18	562.35/485.29/438.82	764.71/705.88/635.29/547.06
Indoor noise level (Hi/Mi/Lo)		dB(A)	37.5/34.5/31.5	40/36/32.5	46/41.5/39.5	705.88/635.29/547.06
Indoor Unit	Dimension (W*D*H)(body)	inch	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24	32.68x32.68x8.07
	Packing (W*D*H)(body)	inch	26.06x26.06x12.48	26.06x26.06x12.48	26.06x26.06x12.48	35.83x35.83x9.84
	Dimension (W x Dx H)(panel)	inch	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97	37.40x37.40x2.17
	Packing (W x Dx H)(panel)	inch	28.15x28.15x4.84	28.15x28.15x4.84	28.15x28.15x4.84	40.75x40.75x3.54
	Net/Gross weight (body)	lb	32.63/43.87	35.27/41.01	35.71/46.96	47.18/55.34
	Net/Gross weight (panel)	lb	5.52/9.92	5.52/9.92	5.52/9.92	13.23/19.84
Drainage water pipe dia		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm



CONCEALED DUCT Inverter Series

		Indoor	MTIU-12HWFN1-M	MTIU-18HWFN1-M
Power supply		V- Ph-Hz	208/230V,1Ph, 60Hz	208-230V,1Ph, 60Hz
Cooling	Capacity (range)	Btu/h	12000	18000
	EER	Btu/h	12.5	12.5
	SEER	Btu/h	21.5	20.5
MINIMUM CIRCUIT AMPACITY (Indoor)		A	1.3	3
MAX.FUSE(Indoor)		A	15	15
Indoor Fan Motor	Input	W	130.0	90.0
	RLA	A	1.11	1.2
	Speed(Hi/Mi/Lo)	r/min	1170/1030/850	850/700/450
Indoor air flow (Hi/Mi/Lo)		CFM	352.94/282.35/176.47	529.41/450.00/370.59
Indoor noise level (Hi/Mi/Lo)		dB(A)	38/34.5/31	42/38/35.5
Indoor Unit	Dimension(W*D*H)	inch	27.56x19.92x7.87	34.65x26.54x8.27
	Packing (W*D*H)	inch	33.86x21.26x11.22	42.13x28.54x11.02
	Net/Gross weight	lb	39.24/48.50	55.34/67.02
Drainage water pipe dia		mm	ODΦ25mm	ODΦ25mm