

Airdach

Heating &
Air Conditioning



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

MULTI ZONE COMBINATIONS RATED CAPACITIES

OUTDOOR UNIT MODEL	NO. OF ZONES	COOLING CAPACITY (BTU/H)					
M30J-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	
M40G-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	
M50G-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	

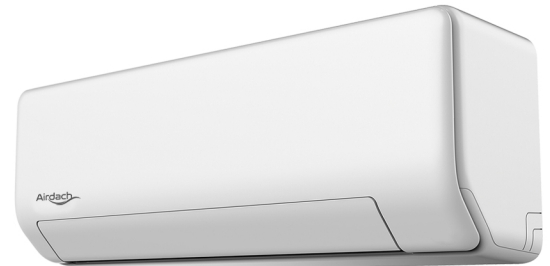
OUTDOOR UNIT MODEL	NO. OF ZONES	COOLING CAPACITY (BTU/H)					
M50G-48HFN1-M		ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	Rated
9+9+9	3-Zone	9,500	9,500	9,500			28,500
9+9+12		9,500	9,500	12,000			31,000
9+9+18		9,500	9,500	18,000			37,000
9+9+24		9,000	9,000	22,500			40,500
9+9+30		9,000	9,000	30,000			48,000
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
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		AMSH1800VM1-D	AMSH2700VM1-D	AMSH3600VM1-D	AMSH4800VM1-D
Power supply		208/230V, 1Ph, 60Hz			
Cooling	Capacity (range)	18000(5650~22000)	28000(9277~30776)	36000(8209~40555)	48000(19000~50000)
	Input	1355	2485	3125	3840
	Current	6.20	11.5	13.6	16.8
	EER	13.3	11.2	11.5	12.5
	SEER	22.5	21	23.0	22.4
MINIMUM CIRCUIT AMPACITY		18	24.5	25.0	40
MAX.FUSE		25	30	40	60
Type		Twin-ROTARY	Twin-ROTARY	ROTARY	ROTARY
Capacity		4730	7600	10010	11200
Input		1250	2045	2765	3040
Rated current(RLA)		/	14	18.0	24
Input		50.0	130.0	50.0	50.0
RLA		0.25	1.11	0.25	0.25
Speed(Hi/Mi/Lo)		1100/850/700	1170/1030/850	1100/850/700	1100/850/700
Outdoor air flow		CFM 1765	2129.41	2147.06	4500.00
Outdoor noise level		dB(A) 58.5	61	63	64.0
Dimension(W*D*H)		inch 35.04x13.4x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48
Packing (W*D*H)		inch 40.55x17.24x29.53	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27
Net/Gross weight		lb 100.31/108.69	139.77/150	169.09/181	225.53/256.62
Refrigerant type		R410A/65.26ozs	R410A/91.7ozs	R410A/134.04ozs	R410A/162ozs
Additional charge for each ft		oz/ft 0.16	0.16	0.16	0.16
Design pressure		PSIG 550/340	550/340	550/340	550/340
Refrigerant piping		(inch) (2x1/4in)/(2x3/8in)	(3x1/4in)/(3x3/8in)	(4x1/4in)/(3x3/8in+1x1/2in)	(5x1/4in)/(3x3/8in+2x1/2in)
Liquid side/ Gas side					
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	16#x4
Thermostat type		Remote Control	Remote Control	Remote Control	Remote Control

HIGH WALL



Indoor		AIWH0900VM2-D	AIWH1200VM2-D	AIWH1800VM2-D	AIWH2400VM2-D
Power supply		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	25.50	22.60	22.00
	EER	W/W 15.0	12.5	14.0	14.0
Electrical	Max. input consumption	W 2950	2950	2900	3910
	Max. current	A 13	13	13.5	17
	Input	W 50	50	36	58
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
Indoor unit	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

Orlando 407-270-9670 Kissimmee 407-530-5599 Tampa 813-559-7300



CEILING CASSETTE Inverter Series

		Indoor	AICH0900VM1-D	AICH1200VM1-D	AICH1800VM1-D	AICH2400VM1-D
Power supply		V- Ph-Hz	208-230V,1Ph, 60Hz	208-230V,1Ph, 60Hz	208-230V,1Ph, 60Hz	220-240V,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		inch	1	1	1	1

CONCEALED DUCT Inverter Series



		Indoor	AIDC1200VM1-D	AIDC1800VM1-D	AIDC2400VM1-D
Power supply		V- Ph-Hz	208/230V,1Ph, 60Hz	208-230V,1Ph, 60Hz	208-230V,1Ph, 60Hz
Cooling	Capacity (range)	Btu/h	12000	18000	24000
	EER	Btu/h	12.5	12.5	12.6
	SEER	Btu/h	21.5	20.5	21.5
MINIMUM CIRCUIT AMPACITY (Indoor)		A	1.3	3	3
MAX.FUSE(Indoor)		A	15	15	15
Indoor Fan Motor	Input	W	130.0	90.0	90.0
	RLA	A	1.11	1.2	1.2
	Speed(Hi/Mi/Lo)	r/min	1170/1030/850	850/700/450	1100/1050/1000
Indoor air flow (Hi/Mi/Lo)		CFM	352.94/282.35/176.47	529.41/450.00/370.59	775.47/693.06/434.88
Indoor noise level (Hi/Mi/Lo)		dB(A)	38/34.5/31	42/38/35.5	44/41/37
Indoor Unit	Dimension(W*D*H)	inch	27.56x19.92x7.87	34.65x26.54x8.27	43.31x30.47x12.40
	Packing (W*D*H)	inch	33.86x21.26x11.22	42.13x28.54x11.02	51.38x31.69x12.40
	Net/Gross weight	lb	39.24/48.50	55.34/67.02	90.39x105.82
Drainage water pipe dia		inch	1	1	1

Orlando **Kissimmee** **Tampa**
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