

High Wall  
Inverter Mini Splits

Up to **24 SEER**

**10.5 HSPF**

## Energy savings through affordable comfort

### STANDARD FEATURES & BENEFITS



Antibacterial air filter



Hi-Density dust filter



Optional Wi-Fi connectivity  
via USB Smart Kit



Less than 1 watt of power  
consumption in 'Stand-By' mode



Hide-Away LED digital  
display / Full LCD display



Low noise operation



Air dispersion blade with last  
position memory



Anti-Corrosion treatment



Sleep Mode



Inverter technology



Multi Controllers



ECO Mode



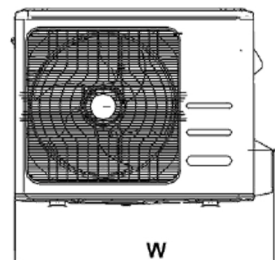
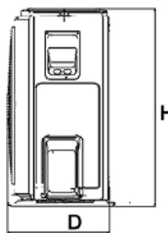
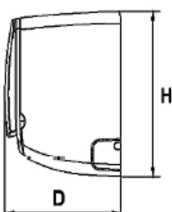
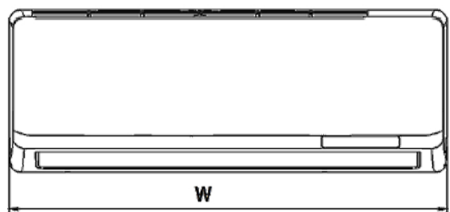
I Remote



9K, 12K, 18K, 24K & 36K BTU

Indoor Outdoor	AIWH0900VM2-A ACSH0920VM2-A	AIWH1200VM2-A ACSH1220VM2-A	AIWH0900VM2-D ACSH0924VM2-D	AIWH1200VM2-D ACSH1222VM2-D	AIWH1800VM2-D ACSH1823VM2-D	AIWH2400VM2-D ACSH2421VM2-D	AIWH3600VM2-D ACSH3618VM2-D	
Power supply	Ph-V-Hz 115V, 1Ph, 60Hz	115V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	
Cooling	Capacity Btu/h	9000	12000	9000	12000	18000	24000	
	Input W	782	1020	640	923	1384	1920	
	Rated current A	6.8	8.87	2.9	4.1	6.1	8.4	
	EER Btu/w	11.5	11	14	13	13.0	12.5	
	SEER Btu/w	20.5	20	24	22	23.5	21	
Heating	Capacity Btu/h	10000	12000	9800	12000	18000	25000	
	Input W	925	1026	930	1085	1570	2315	
	Rated current A	8.1	8.93	4.2	4.72	6.8	10.1	
	COP W/W	3.11	3.43	3.08	3.24	3.36	3.16	
	HSPF Btu/w	10	9.5	10.5	9.8	10.0	10	
Electrical	Minimum Circuit Ampacity A	15	3	10	12	15.0	18	
	Max Fuse A	20	15	15	15	20	25	
Compressor	Type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Capacity W	2035/3255	2035/3255	3095	2958	4055	7135	
	Input W	325/826	325/826	790	730	1035	1970	
	Rated current (RLA) A	11.5	6.8	5.5	6.8	10	12	
Refrigerant oil/oil charge	ml	ESTER OIL VG74 310	ESTER OIL VG74 310	RB74A F/370	VG74/340	VG74/450	VG74/670	
	Input W	35.0	35.0	50.0	50.0	58.0	58.0	
Indoor fan motor	Speed (Lo/Me/Hi) r/min	600/850/1050	750/850/1100	700/800/1100	700/850/1100	700/800/1000	700/900/1100	
	Indoor air flow (Lo/Me/Hi) m3/h	220/310/420	240/360/500	240/350/450	250/360/520	520/620/950	550/800/1050	
	Indoor air flow (Lo/Me/Hi) CFM	129.41/182.35/247.06	141.18/211.76/294.12	141.18/205.88/264.71	147.06/211.76/305.88	305.88/364.71/558.82	323.53/470.59/617.85	470.59/588.24/676.47
Indoor Unit	Indoor noise level (Lo/Me/Hi) dB(A)	25/32/38	28/30/38	22/29/37	22.5/32/36.5	32/38/43	33/42/47.5	
	Dimension (H*W*D) inch	11.42x28.43x7.36	11.69x31.57x7.44	11.69x31.57x7.44	11.69x31.57x7.44	13.19x42.52x8.90	13.19x42.52x8.90	13.50x46.69x10.16
	Packing (H*W*D) inch	14.76x31.10x10.63	14.96x34.45x11.22	14.76x34.45x11.22	14.76x34.45x11.22	12.60x45.47x16.34	12.60x45.47x16.34	13.39x49.80x16.54
Outdoor fan motor	Net/Gross weight lbs.	17.20/22.71	18.96/24.91	18.52/24.25	18.74/24.25	29.54/37.70	28.88/36.38	37.70/48.72
	RLA A	1.5	0.4	0.4	0.4	0.6	0.6	
	Speed r/min	850/650	800/650	800/750/650	800/700/650	850/750/700	850/750/700	900/750
	Outdoor air flow m3/h	2000	2000	2000	2000	2500	3800	3800
	Outdoor air flow CFM	1176.47	1176.47	1176.47	1176.47	1470.59	2235.29	2235.29
Outdoor Unit	Outdoor noise level dB(A)	54	55	53	40	58.5	58.5	
	Dimension (H*W*D) inch	21.85x30.31x11.81	21.81x31.50x13.11	21.85x30.31x11.81	21.81x31.50x13.11	27.64x33.27x14.29	31.89x37.24x16.14	31.89x37.24x16.14
	Packing (H*W*D) inch	23.43x35.43x13.58	24.21x36.22x15.35	23.43x35.43x13.58	24.61x36.22x15.35	30.12x37.99x15.55	34.45x42.91x19.69	34.84x42.91x19.69
	Net/Gross weight lbs.	66.80/71.87	70.33/76.28	67.24/71.65	80.47/86.20	105.16/112.43	141.09/152.12	143.74/157.63
Refrigerant	Refrigerant type	R410A/30	R410A/0.84	R410A/38.8	R410A/40.6	R410A/68.8	R410A/82.9	
	Refrigerant precharge oz	15	30	15	15	20	20	
	Additional charge for each ft oz	0.16	0.32	0.16	0.16	0.21	0.21	
	Designed pressure PSIG	550/340	550/340	550/340	550/340	550/340	550/340	
Refrigerant piping	Liquid side/Gas side inch	1/4in/3/8in	1/4in/1/2in	1/4in/3/8in	1/4in/1/2in	1/4in/1/2in	3/8in/5/8in	
	Max. refrigerant pipe length ft	82.02	82.02	82.02	98.42	164.04	213.25	
	Max. difference in level ft	32.81	32.81	32.81	32.81	65.62	82.02	
Thermostat type	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	

## Unit Dimensions



HIGH WALL INDOOR UNIT

Model	Height (in)	Width (in)	Depth (in)	V
9K	11 3/7	28 3/7	7 1/3	115V
12K	11 2/3	31 4/7	7 4/9	115V
9K	11 2/3	31 4/7	7 4/9	208/230V
12K	11 2/3	31 4/7	7 4/9	208/230V
18K	13 1/5	42 1/2	8 8/9	208/230V
24K	13 1/5	42 1/2	8 8/9	208/230V
36K	13 1/2	46 2/3	10 1/6	208/230V

CONDENSING UNIT

Model	Height (in)	Width (in)	Depth (in)	V
9K	21 6/7	30 1/3	11 4/5	115V
12K	21 4/5	31 1/2	13 1/9	115V
9K	21 4/5	30 1/3	11 4/5	208/230V
12K	21 4/5	31 1/2	13 1/9	208/230V
18K	27 1/3	33 1/4	14 2/7	208/230V
24K	31 8/9	37 1/4	16 1/7	208/230V
36K	31 8/9	37 1/4	16 1/7	208/230V

INTELLIGENT COMFORT

ENERGY SAVINGS

SERVICE FRIENDLY

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

