



MIRAGE®

Think smart. Think cool. Think Mirage.



INVERTER
TECHNOLOGY

SEER²



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MAGNUS

I N V E R T E R



UP TO
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SEER

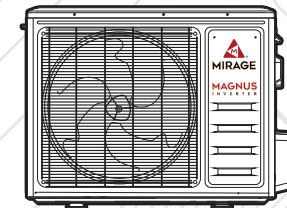
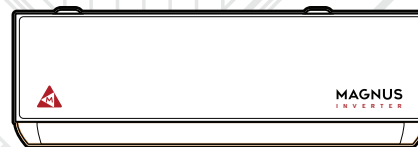


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MAGNUS

I N V E R T E R



SEER ²			IMZH090C OMZH090C	IMZH120C OMZH120C	IMZH121C OMZH121C	IMZH181C OMZH181C	IMZH241C OMZH241C
Type			cooling&heating	cooling&heating	cooling&heating	cooling&heating	cooling&heating
Control Type			remote	remote	remote	remote	remote
Power Supply			115V~/60Hz/1P	115V~/60Hz/1P	208-230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95°F/35°C)	Rated Cooling Capacity (95°F)	Btu/h	9000	12000	18000	23000	
	Cooling Capacity Range	Btu/h	2400~11000	2500~12500	2500~12500	4000~19000	4700~25000
	EER ¹ (95°F)	Btu/W.h	13.0	13.0	13.0	12.5	12.0
	SEER ²	Btu/W.h	24.0	23.0	24.0	23.0	23.0
Rated Heating	Rated Heating Capacity(47F/8.3C)	Btu/h	10000	12400	12600	19000	25000
	Range Heating Capacity	Btu/h	2400~11000	2500~15000	2500~15000	4000~21000	4700~26500
	HSPF2 Rating (Region IV)	Btu/W.h	10	10	10	9.5	9.5
	COP2 (47°F)	W/W	3.81	3.81	3.81	3.81	3.41
Rated Input Consumption	Cooling	W	680	960	970	1390	1860
	Heating	W	730	945	925	1360	2000
Rated Current	Cooling	A	6.1	8.5	6.2	6.2	8.3
	Heating	A	6.5	8.5	4.2	6.1	9.0
ENERGY STAR			YES	YES	YES	YES	YES
Min. Circuit Ampacity	A	16.0	18.0	10.0	12.0	17.0	
Max. Fuse Size	A	25	30	15	20	25	
Moisture Removal	Liters/h	1.1	1.6	1.6	2.2	2.6	
Max Allowed Puresure	PSI	750	750	750	750	750	
Indoor Noise Level at Cooling	Turbo/High/Med/Low/Mute		43/40/33/31/30	46/44/36/32/30	46/44/36/32/30	50/47/43/38/34	50/47/43/38/34
Outdoor Noise Level		dB(A)	50	52	52	53.0	54.0
Connecting Pipe	Gas	inches	3/8"	3/8"	3/8"	1/2"	5/8"
	Liquid	inches	1/4"	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core Number		4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG
Suitable Area	sq.ft	Up to 400	Up to 550	Up to 550	Up to 1000	Up to 1500	
*** Indoor Unit ***							
Indoor Motor	Motor Brand		Weilling	Weilling	Weilling	Broad-Ocean	Broad-Ocean
Indoor air circulation-Turbo/Hi/Mid/Lo/Mute		CFM	326/283/235/188/153	500/470/411/323/205	500/470/411/323/205	735/676/529/423/394	735/676/529/423/394
*** Outdoor Unit ***							
Refrigerant	Type	R454B	R454B	R454B	R454B	R454B	
	Ozs	25.04	35.27	35.27	45.50	55.03	
Compressor	Brand	GMCC	GMCC	GMCC	SANYO	SANYO	
	Model		KSN98D31UEZA31	KSK103D33UEZC3	KSK103D33UEZC3	C-6RZ2146H1DJ	C-6RZ210H1EBF
Outdoor Motor	Motor Brand	Weilling	Weilling	Weilling	Broad-Ocean	Broad-Ocean	
Net dimensions (W x D x H)	Indoor	inches	32.28x12.05x7.68	36.22x12.05x7.68	36.22x12.05x7.68	43.18x13.07x8.74	43.18x13.07x8.74
	Outdoor	inches	32.28x12.05x7.68	31.88x12.00x21.61	31.88x12.00x21.61	36.49x14.96x27.51	38.50x16.57x31.61
Net weight	Indoor	Lbs	20.7	23.1	23.1	30.9	30.9
	Outdoor	Lbs	53.6	58.4	58.4	86.0	104.7
Packing dimensions (W x D x H)	Indoor	inches	35.04x14.96x10.43	38.98x14.96x10.43	38.98x14.96x10.43	45.87x15.95x11.61	45.87x15.95x11.61
	Outdoor	inches	32.87x12.91x222.63	32.87x12.91x222.63	32.87x12.91x222.63	37.40x16.53x28.81	40.23x18.89x31.92
Gross weight	Indoor	Lbs	25.1	30.9	30.9	35.3	35.3
Line Set	ft	25	25	25	25	25	25
Operation Temperature		°F	62~86	62~86	62~86	62~86	62~86
Ambinet Temperature	Indoor (Cooling/ Heating)	°F	62~89/32~86	62~89/32~86	62~89/32~86	62~89/32~86	62~89/32~86
	Outdoor (Cooling/Heating)	°F	5~131/-13~86	5~131/-13~86	5~131/-13~86	5~131/-13~86	5~131/-13~86



MIRAGE MAGNUS INVERTER optimizes energy usage with systems exceeding energy efficiency and performance. The result is lower electric bills along with exceptional cooling and heating.



POLARIS

INVERTER



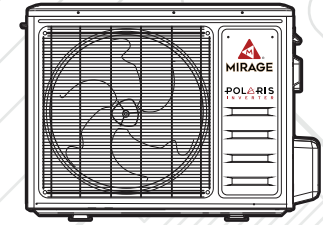
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SEER



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POLARIS INVERTER



		SEER ²	IPWH090C OPWH090C	IPWH120C OPWH120C	IPWH121C OPWH120C	IPWH181C OPWH181C	IPWH241C OPWH241C	IPWH361C OPWH361C
Type			cooling&heating	cooling&heating	cooling&heating	cooling&heating	cooling&heating	cooling&heating
Control Type			remote	remote	remote	remote	remote	remote
Power Supply			115V~60Hz/1P	115V~60Hz/1P	208-230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P
Rated Cooling (95°F/35°C)	Rated cooling capacity (95°F)	Btu/h	9000	12000	12000	18000	24000	36000
	EER ² (95°F)	Btu/W.h	11.7	11.0	11.7	11.0	11.0	9.0
	SEER ²	Btu/W.h	19.0	21.0	21.0	21.0	21.0	19.0
Rated Heating	Rated Heating capacity(47°F)	Btu/h	10000	12600	12600	19000	24600	36000
	HSPF ² Rating (Region IV)	Btu/W.h	9.5	9.5	9.5	9.5	9.5	9
	COP2 (47F/8.3C)	W/W	3.81	3.41	3.41	3.41	3.41	3.15
Rated Input Consumption	Cooling	W	750	1050	1050	1700	2080	3850
	Heating	W	750	1030	1030	1530	1800	3350
Rated Current	Cooling	A	6.8	9.5	4.8	7.7	9.4	17.4
	Heating	A	6.8	9.3	4.7	6.9	8.2	15.2
Min. Circuit Ampacity		A	16	18	11	12	17	18
Max Fuse		A	25	30	15	20	25	30
Moisture removal		Liters/h	1.1	1.6	1.6	2.2	2.6	3
Max Allowed Pressure		PSI	750	750	750	750	750	750
Indoor Noise Level at Cooling	Turbo/High/Med/Low/Mute		42/40/35/30/28	45/42/35/30/28	45/42/35/30/28	49/47/42/37/32	52/50/44/38/36	52/49/43/38/36
Outdoor Noise Level		dB(A)	54	55	55	55	58	63
Connecting Pipe	Gas	inches	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"
	Liquid	inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG
Suitable area		sq.ft	Up to 400	Up to 550	Up to 550	Up to 1000	Up to 1500	Up to 2500
Indoor Motor	Motor Brand		Weilling	Weilling	Weilling	Broad-Ocean	Broad-Ocean	Broad-Ocean
Indoor air circulation	Turbo/High/Med/Low/Mute	CFM	342/270/235/200/152	305/264/223/176/141	305/264/223/176/141	617/575/511/411/382	847/705/588/470/412	847/705/588/470/412
Refrigerant	Type		R454B	R454B	R454B	R454B	R454B	R454B
	Oz		23.28	30.34	30.34	35.27	45.15	55.73
Compressor	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Model		KSN98D31UEZW31	KSK103D33UEZC3	KSK103D33UEZC3	KSN140D53UFZ3	C-6RZ180H1AAAF	KTM240D43UMT
Outdoor Motor	Motor Brand		Weilling	Weilling	Weilling	Broad-Ocean	Broad-Ocean	Broad-Ocean
Net dimensions (W x D x H)	Indoor	inches	31.92x11.49x7.99	31.92x11.49x7.99	31.92x11.49x7.99	39.76x12.40x8.66	46.93x14.17x10.23	46.93x14.17x10.23
	Outdoor	inches	30.98x11.41x19.60	30.98x11.41x19.60	30.98x11.41x19.60	33.97x13.74x23.70	36.49x14.96x27.51	38.50x16.57x31.61
Net weight	Indoor	lbs	19.8	19.8	19.8	36.4	39.7	39.7
	Outdoor	lbs	51.8	55.1	55.1	70.5	88.2	105.8
Indoor Packing dimensions (W x D x H)	Outdoor	inches	34.84x14.40x10.82	34.84x14.40x10.82	34.84x14.40x10.82	43.14x15.35x11.69	49.60x16.92x12.91	49.60x16.92x12.91
Outdoor Packing dimensions (W x D x H)	Without pipe	inches	32.20x12.79x20.27	32.20x12.79x20.27	32.20x12.79x20.27	35.03x15.15x24.72	37.40x16.53x28.81	/
Outdoor Packing dimensions (W x D x H)	With pipe	inches	/	/	/	/	/	40.23x18.89x32.87
Gross weight (without pipe)	Indoor	lbs	26.5	26.5	26.5	33.7	43.0	/
	Outdoor	lbs	55.8	59.5	59.5	76.5	94.8	/
Gross weight (with 5m pipe)	Outdoor	lbs	/	/	/	/	/	120.2
Line Set		ft	25	25	25	25	25	15
Maximum Line Length		ft	50	50	50	65	65	98
Maximum Height Difference Between Indoor and Outdoor		ft	33	33	33	49	49	65
Additional refrigerant charge		oz/ft	0.11	0.11	0.11	0.11	0.11	0.32
Operation temperature		°F	62~86	62~86	62~86	62~86	88.2	62~86

Energy-saving Operation

10-20 %
Energy-saving efficiency
improvement

Safety Design

- Fireproof electric control box.

- No connection between condensate water & electricity.
- Erosion resistance materials.





GALAXY

MULTIZONE



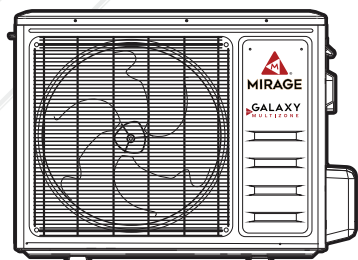
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MULTI-SPLIT SYSTEMS Outdoor Units



MIRAGE ECO GALAXY optimizes energy usage with systems exceeding energy efficiency and performance. The result is lower electric bills along with exceptional cooling and heating.

ECO GALAXY indoor and outdoor units offer single and multi zone compatibility in all models up to
5 indoor units connected to 1 outdoor unit.

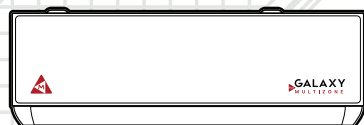
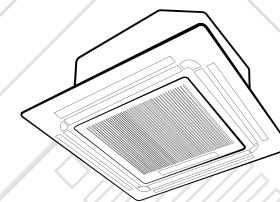


Model			OGFH181C		OGFH271C		OGFH361C		OGFH421C	
			ODU 1 drive 2		ODU 1 drive 3		ODU 1 drive 4		ODU 1 drive 5	
Type			cooling&heating		cooling&heating		cooling&heating		cooling&heating	
Rated cooling capacity 95F/35C		BTU/H	18,000		27,000		35,000		42,000	
Heating rated capacity 47F		BTU/H	20,000		28,000		36,000		42,000	
SEER ²		Btu/W.h	24.0		24.0		22.5		22.0	
EER ²		Btu/W.h	13.0		12.0		12.0		12.0	
HSPF2-4		Btu/W.h	10.0		10.0		9.5		9.5	
COP2 47F		W/W	3.51		3.51		3.51		3.51	
ENERGY STAR® Certified			YES		YES		YES		YES	
Power supply		Btu/W.h	208/230V~/60Hz/1P		208/230V~/60Hz/1P		208/230V~/60Hz/1P		208/230V~/60Hz/1P	
Rated Power Input	Cooling	W	1370		2020		2930		3550	
	Heating	W	1410		1980		2680		3260	
Rated Power Input	Cooling	A	6.1		9.1		13.1		15.9	
	Heating	A	6.3		8.9		12.0		14.6	
Min. Circuit Ampacity		A	16		18		22		28	
Max. Ckt. Bkr (MOP)		A	25		30		35		45	
Max. Fuse size		A	25		30		35		45	
Connection Wiring		AWG	16AWG*4 Stranded, unshielded, TC-ER Type				16AWG*4 Stranded, unshielded, TC-ER Type			
Compressor	Model		C-6RZ180H1AAF		KTM240D43UMT		MTD280SKPC8LT8C		MTH356SKPC8FQL	
	Type		Dual-Rotary		Dual-Rotary		Dual-Rotary		Dual-Rotary	
	Brand		SANYO		GMCC		HIGHLY		HIGHLY	
Fan motor	Motor Brand		Broad-Ocean		DAYANG		DAYANG		DAYANG	
	Motor Type		DC		DC		DC		DC	
	Motor Model		ZW511B50037		ZW511B500077		ZW511D000017		ZW511D000017	
Outdoo air flow (H)		CFM	1471		1647		1882		1882	
Noise level		dB(A)	58		62		65		65	
Connecting Pipe	Gas	inches	3/8		3/8		3/8		3/8	
	Liquid	inches	1/4		1/4		1/4		1/4	
Throttling mode Capillary/EEV.			EEV		EEV		EEV		EEV	
Refrigerant quantity		type	R-454B		R-454B		R-454B		R-454B	
		oz	60.01		77.66		98.84		120.02	
Net dimensions (WxDxH)		inches	36.50x27.52x14.96		38.50x31.61x16.57		42.28x33.58x18.42		42.28x33.58x18.42	
Net weight		lbs	92.6		119.0		145.5		174.2	
Packing dimensions (WxDxH)		inches	37.79x28.81x16.92		40.23x32.87x18.89		44.68x38.18x20.86		44.68x38.18x20.86	
Gross weight		lbs	99.2		127.9		169.8		198.4	
Pre-Charge Length Total		ft	49		74		98		123	
Lineset Length (Max) - Total		ft	131		197		263		295	
Lineset Length (Max) - Each		ft	82		98		98		98	
Max. Line Set Height Diff. Btwn. ODU & Furthest IDU			ft	49	49		49		49	
Max. Line Set Height Diff. Btwn. IDU			ft	33	33		33		33	
Additional Charge	Φ6.35 (1/4") liquid pipe		oz/ft	0.11	0.11		0.11		0.11	
	Φ9.52 (3/8") liquid pipe		oz/ft	0.22	0.22		0.22		0.22	
Ambinet temperature	Indoor(cooling/ heating)		F	61~86	61~86		61~86		61~86	
	Outdoor(cooling/heating)		F	5~131/-13~86	5~131/-13~86		5~131/-13~86		5~131/-13~86	

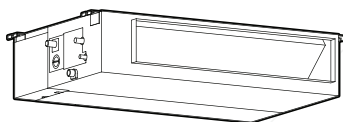


GALAXY
MULTIZONE

MULTI-SPLIT SYSTEMS Indoor Units



HI WALL					
Model	IGFH091C		IGFH121C	IGFH181C	IGFH241C
Type	Cooling&heating		Cooling&heating	Cooling&heating	Cooling&heating
Power Supply	208/230V~60Hz/1P		208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P
ENERGY STAR® Certified	YES		YES	YES	YES
Condensate Drain Connection Diameter	In	5/16	5/16	5/16	5/16
Fan Motor	Brand	Weilling	Weilling	Broad-Ocean	Broad-Ocean
	Model	ZKFP-20-8-125	ZKFP-20-8-125	ZWK465B00501	ZWK465B00501
	Type	DC	DC	DC	DC
Indoor Air Flow	CFM	326/282.5/235/188/153	500/470/411/323/205	735/676/529/423/394	735/676/529/423/394
Noise Level (Turbo/High/Med/Low/Mute)	dB(A)	43/40/33/31/30	46/44/36/32/30	50/47/43/38/34	50/47/43/38/34
Connecting Pipe	Gas	inches	3/8"	1/2"	5/8"
	Liquid	inches	1/4"	1/4"	1/4"
Unit Net Dimensions (W x H x D)	inches	32.28x12.05x7.68	36.22x12.05x7.68	43.18x13.07x8.74	43.18x13.07x8.74
Net Weight	lbs	20.7	23.1	30.9	30.9
Packing dimensions (W x H x D)	inches	35.04x14.96x10.43	38.98x14.96x10.43	45.87x15.95x11.61	45.87x15.95x11.61
Gross weight	lbs	25.1	30.9	35.3	35.3



DUCT - TYPE					
Model	DGFH091C		DGFH121C	DGFH181C	DGFH241C
Type	Cooling&heating		Cooling&heating	Cooling&heating	Cooling&heating
Power Supply	208/230V~60Hz/1P		208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P
ENERGY STAR® Certified	YES		YES	YES	YES
Condensate Drain Connection Diameter	inches	5/16	5/16	5/16	5/16
Fan Motor	Brand	Lifeng	Lifeng	Lifeng	Broad-ocean
	Model	RD(AL)N40HU	RD(AL)N40HU	RD(AL)N40HU	ZW465B200085L
	Type	DC	DC	DC	DC
Static Pressure	Pa	up to 100	up to 100	up to 100	up to 120
	In W.c.	up tp 0.4	up tp 0.4	up tp 0.4	up tp 0.48
Noise Level (Turbo/High/Med/Low/Mute)	dB(A)	43/41/39	43/41/39	41/38/36	41/38/34
Connecting Pipe	Gas	inches	3/8"	1/2"	5/8"
	Liquid	inches	1/4"	1/4"	1/4"
Unit Net Dimensions (W x H x D)	inches	27.55x19.29x7.87	27.55x19.29x7.87	35.43x19.29x7.87	43.30x17.72x7.87
Unit Net Weight	lbs	33.1	33.1	39.7	50.7
Unit Packing Dimensions (W x H x D)	inches	35.43x21.85x9.84	35.43x21.85x9.84	44.09x21.85x9.84	50.78x22.24x9.84
Unit Gross Weight	lbs	40.8	40.8	46.3	58.4

FOUR WAY CASSETTE					
Model	CGFH091C		CGFH121C	CGFH181C	CGFH241C
Type	Cooling&heating		Cooling&heating	Cooling&heating	Cooling&heating
Power Supply	208/230V~60Hz/1P		208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P
ENERGY STAR® Certified	YES		YES	YES	YES
Condensate Drain Connection Diameter	In	5/16	5/16	5/16	5/16
Fan Motor	Brand	Weilling	Weilling	Weilling	Kaibang
	Model	ZKSP-30-8-137	ZKSP-30-8-137	ZKSP-30-8-137	ZWR60-E51
	Type	DC	DC	DC	DC
Indoor Air Flow	CFM	329/300/270/217/194	360/320/260/200/190	441/394/335/282/253	836/765/630/530/482
Noise Level (Turbo/High/Med/Low/Mute)	dB(A)	43/41/37/33/32	45/43/37/35/34	48/46/42/39/37	51/48/44/40/37
Connecting Pipe	Gas	inches	3/8"	1/2"	5/8"
	Liquid	inches	1/4"	1/4"	1/4"
Unit Net Dimensions (W x H x D)	inches	22.44x22.44x9.65	22.44x22.44x9.65	22.44x22.44x9.64	33.07x33.07x10.04
Unit Packing Dimensions (W x H x D)	inches	28.26x25.86x11.85	28.26x25.86x11.85	28.26x25.86x11.85	36.81x36.81x11.41
Unit Net Weight	lbs	32.0	32.0	32.0	51.8
Unit Gross Weight	lbs	38.6	38.6	38.6	51.8
Panel Net Dimensions (W x H x D)	inches	25.59x25.59x2.36	25.59x25.59x2.36	25.59x25.59x2.36	37.40x37.40x2.87
Panel Net Dimensions (W x H x D)	inches	28.93x28.93x4.33	28.93x28.93x4.33	28.93x28.93x4.33	41.53x41.53x3.54
Panel Net Weight	lbs	6.0	6.0	6.0	13.2
Panel Gross Weight	lbs	9.5	9.5	9.5	19.8

Match Table									
	Voltage	Standard Combination	2-Zone System IDU		3-Zone System IDU		4-Zone System IDU	5-Zone System IDU	
2-Zone System OGFH181C	230V	Wall mounted: 9+9	9+9	9+12					
			9+18	12+12					
3-Zone System OGFH271C	230V	Wall mounted: 9+9+9	9+9	9+12	9+9+9	9+9+12			
			9+18	9+24	9+9+18	9+12+12			
			12+12	12+18	9+12+18	12+12+12			
			12+24	18+18					
4-Zone System OGFH351C	230V	Wall mounted: 9+9+9+9					9+9+9+9		
			9+9	9+12	9+9+9	9+9+12	9+9+9+12		
			9+18	9+24	9+9+18	9+12+12	9+9+9+18		
			12+12	12+18	9+12+18	9+12+24	9+9+12+12		
			12+24	18+18	12+12+12	12+12+18	9+9+12+18		
			18+24	24+24	12+12+24	12+18+18	9+12+12+12		
							12+12+12+12		
5-Zone System OGFH471C	230V	Wall mounted: 9+9+9+9+9	9+9	9+12	9+9+9	9+9+12	9+9+9+9	9+9+9+9+9	
			9+18	9+24	9+9+18	9+12+12	9+9+9+12	9+9+9+9+12	
			12+12	12+18	9+12+18	9+12+24	9+9+9+18	9+9+9+9+18	
			12+24	18+18	9+18+18	9+18+24	9+9+12+12	9+9+9+9+24	
			18+24	24+24	9+24+24	12+12+12	9+9+12+18	9+9+9+12+12	
					12+12+18	12+12+24	9+12+12+12	9+9+9+12+18	
					12+18+18	12+18+24	9+12+12+18	9+9+9+12+24	
					12+24+24	18+18+18	9+12+12+24	9+9+9+18+18	
					18+18+24			9+9+12+12+12	9+9+12+12+12
							12+12+12+12	9+9+12+12+18	
							12+12+12+18	9+12+12+12+12	
							12+12+12+24	9+12+12+12+18	
				12+12+18+18	17+12+17+12+12				



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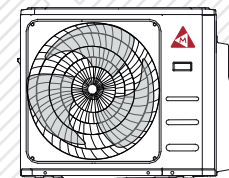
ALPHA INVERTER AHU



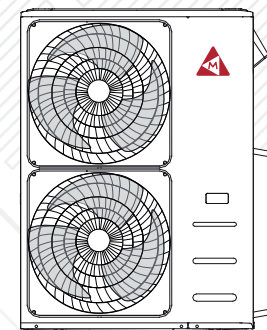
UP TO
18
SEER

Mirage products are subject to continuous improvements. Mirage reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations.

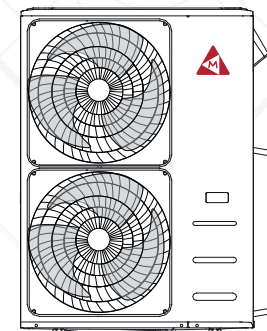
Model			OVADH361B	OVADH481B	OVADH601B
Power Supply			V- Ph-Hz	208And230V_1Ph, FREQUENCY_50_60HZ	208And230V_1Ph, FREQUENCY_60HZ
Minimum Circuit Ampacity (Outdoor)			A	24	36
Max.Fuse (Outdoor)			A	30	40
Compressor	Model		KTF310D43UMT	MTH550UKPC8FU	MTH550UKPC8FU
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	HIGHLY	HIGHLY
	Capacity	W	10010	16250	16250
	Input	W	2765	4900	4900
	Rated current(RLA)	A	17.5	26.85	30.8
	Thermal protector		INT01L-4639	INT01L-4639	INT01L-4639
	Thermal protector position		EXTERNAL	EXTERNAL	EXTERNAL
Outdoor Fan Motor	Refrigerant oil/oil charge	ml	VG74/1000	HAF68D1C/1800	HAF68D1C/1800
	Model		ZKFN-120-10-1L	ZKFN-250-10-1	ZKFN-250-10-1
	Input	W	150	126	126
	RLA	A	1.5	2	1.2
	Speed-Cooling Mode	r/min	800/750/500	850/800/750/650	850/800/750/650
	Speed-Heating Mode	r/min	800/750/500	760/760/700/650	780/780/700/650
Outdoor Air Flow			CFM	2235.29	3035.29
Outdoor Noise Level			dB(A)	63	59
Outdoor Unit	Dimension(W*D*H)	inches	37.24x16.14x31.89	38.58x16.34x38.39	38.58x16.34x38.39
	Packing (W*D*H)	inches	42.91x19.69x34.84	45.08x19.69x42.52	45.08x19.69x42.52
	Net/Gross weight	lb	153.22/163.58	191.80/223.33	192.90/224.21
Refrigerant Type			R454B	R454B	R454B
Refrigerant charge			kg	3.3	3.8
			oz	116	134
Additional Charge for Each ft			Oz/ft	0.69	0.69
Design Pressure			PSIG	550/340	550/340
Refrigerant Piping	Liquid side/ Gas side	inches	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4
	Max. refrigerant pipe length	ft	246.06	213.25	213.25
	Max. difference in level	ft	98.42	98.42	98.42
Thermostat Type			Wire Control		



36 k



48 k



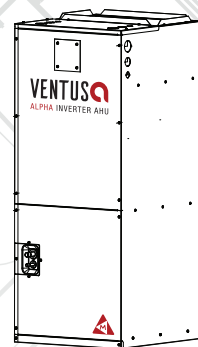
60 k



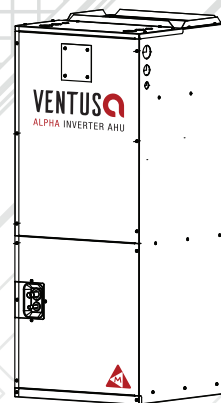
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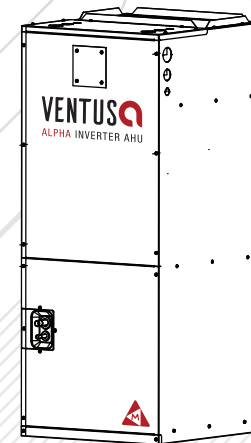
MULTI-SPLIT SYSTEMS Indoor Units



36,000 BTU



48,000 BTU



60,000 BTU

Model			IVADH361B	IVADH481B	IVADH601B
Power Supply (Indoor)			V- Ph-Hz	208And230V_1Ph, FREQUENCY_60HZ	208And230V_1Ph, FREQUENCY_60HZ
Cooling (Standard Conditions)	Capacity (range)	Btu/h	36000(8400~38000)	47000(10500~48000)	57000(12800~60200)
	Input	W	3588(710~4400)	5046(460~5240)	6475(700~6450)
	Current	A	15.6(3.08~19.13)	21.9(3.5~23.25)	29(5.0~29)
	EER ²	Btu/hr/W	10	9.2	8.6
	SEER ²	Btu/hr/W	16.2	15.8	15.0
Heating (Standard Conditions)	Capacity (range)	Btu/hr	36000(9700~40000)	55000(11700~57000)	60000(12000~63100)
	Input	W	3100(470~3750)	5373(750~5440)	5085(865~6086)
	Current	A	13.47(3.5~16.3)	23.3(5.13~24.12)	20.9(6.4~26.5)
	COP	W/W	3.40	3.00	3.46
	HSPF4	Btu/hr/W	8.7	10	8.5
Moisture Removal		L/h	3.62	4.89	5.35
Minimum Circuit Ampacity (Indoor)		A	6	9.75	11
Max.Fuse(Indoor)		A	15	15	15
Indoor Fan Motor	Model		ZKFD-375-8-1-1	ZKFD-750-8-1-1	ZKFD-750-8-1-1
	Qty		1	1	1
	Input	W	375	560	750
	RLA	A	4.5	7.8	8.3
Indoor Air Flow (Turbo/Hi/Mi/Lo)		CFM	1188.24/1082.35/970.59/864.71	1600.00/1470.59/1282.35/1094.12	1805.88/1582.35/1358.82/1135.29
ESP	Range	Pa	0-200	0-200	0-200
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	48/45/28	53/50/46	52/48/43
Dimension(W*D*H)		inches	21.02x21.02x49.02	21.02x24.49x52.99	21.02x24.49x52.99
Packing (W*D*H)		inches	26.57x24.41x52.56	27.95x26.77x56.50	27.95x26.77x56.50
Net/Gross weight		lb	129.41/153.88	163.36/190.04	162.92/190.92
Drainage water pipe diameter		inches	1	1	1



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