



HVAC MIRAGE

Think smart. Think cool. Think Mirage.

VENTUS
ALPHA INVERTER AHU

Indoor units

36,000 BTU



48,000 BTU



60,000 BTU



Model		VENTUS ALPHA	VENTUS ALPHA	VENTUS ALPHA	
Indoor		IVADH361A	IVADH481A	IVADH601A	
Thermostat type		Remote Control or Wire Control	Remote Control or Wire Control	Remote Control or Wire Control	
Power supply (Indoor)	V- Ph-Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	
Capacity (range)	Btu/h	36,000	48,000	60,000	
MINIMUM CIRCUIT AMPACITY(Indoor)	A	4.5	4.5	7	
MAX.FUSE(Indoor)	A	15	15	15	
Indoor fan motor	Model	ZKFD-375-8-1	ZKFD-560-8-1	ZKFD-750-8-1	
	Qty	1	1	1	
	Type	CD	CD	CD	
	RLA	A	3.5	5	
	Insulation class	r/min	B	B	B
Indoor air flow (Hi/Mi/Lo)	CFM	1082.35/970.59/864.71	1282.35/1094.12/905.88	1582.35/1358.82/1135.29	
Indoor noise level (Hi/Mi/Lo)	dB(A)	46.8/44/41.3	53/50/46	52.5/49/44	
Throttle type	/	(EXV)	(EXV)	(EXV)	
Indoor unit	Dimension(W*D*H)	inch	21.02x21.02x49.02	21.02x21.02x49.02	21.02x24.49x52.99
	Packing (W*D*H)	inch	25.20x24.41x54.33	25.20x24.41x54.33	25.20x27.76x58.27
	Net/Gross weight	lb	129.19/155.64	130.51/156.31	162.70/190.70
Drainage water pipe dia	inch	0.75	0.75	0.75	
Application area (cooling standard)	sq.ft	516.67~953.47	678.13~1190	818.06~2219	





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VENTUS

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Outdoor units

48,000 BTU

60,000 BTU

36,000 BTU



Model			VENTUS ALPHA	VENTUS ALPHA	VENTUS ALPHA
Outdoor			OVADH361A	OVADH481A	OVADH601A
Power supply (Outdoor)		V- Ph-Hz	208-230V,1Ph, 60Hz	208-230V,1Ph, 60Hz	208-230V,1Ph, 60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/h	36000(7700~38900)	47000(10500~48000)	57000(4395~60200)
	Input	W	3750	5046	5644
	Current	A	15.82	21.9	23.8
	EER	Btu/w	10.4	9.3	10.3
	SEER	Btu/w	18	17.3	18
Heating (Standard conditions)	Capacity (range)	Btu/h	36000(6000~36400)	55000(11700~57000)	60000(11400~63100)
	Input	W	3496	5373	4959
	Current	A	16.12	23.3	20.9
	COP	W/W	3.02	3.00	3.55
	HSPF4	Btu/w	9.1	10	9.2
	HSPF5	Btu/w	7.1	8.2	7.6
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	24	34	34
MAX.FUSE(Outdoor)		A	40	50	60
Compressor	Model		KTF250D22UMT	KTQ420D1UMU	KTQ420D1UMU
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	8095	13700	13700
	Input	W	2200	3700	3700
	Rated current(RLA)	A	17.6	24	24.6
Outdoor fan motor	Model		ZKFN-120-8-2	ZKFN-85-8-22-5	ZKFN-85-8-22-5
	Outdoor air flow	CFM	2235.29	4500.00	4411.76
	Outdoor noise level	dB(A)	61	59	61
Outdoor unit	Dimension(W*D*H)	inch	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48
	Packing (W*D*H)	inch	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27
	Net/Gross weight	lb	151.68/161.16	217.59/248.68	217.15/248.46
Refrigerant type			R410A	R410A	R410A
Refrigerant pre-charge		Oz	130.51	165.79	172.84
Additional charge for each ft		oz/ft	0.69	0.69	0.69
Design pressure		PSIG	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	inch	3/8 - 3/4	3/8 - 3/4	3/8 - 7/8
	Max. refrigerant pipe length	ft	213.25	213.25	213.25
	Max. difference in level	ft	98.42	98.42	98.42
Operation temperature		°F	62~86	62~86	62~86

SCAN ME
For more information



R-410A
REFRIGERANT

