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HVAC MIRAGE

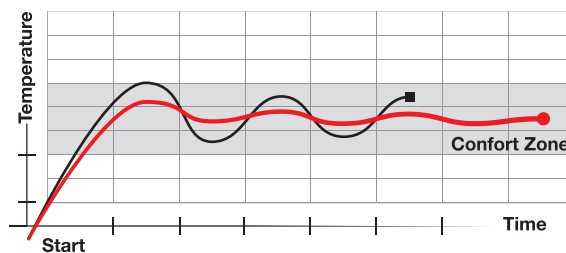
Think smart. Think cool. Think Mirage.

- Gentle cool wind 
- TiTan gold fin 
- Self cleanliness 

VENTUS X INVERTER

-  Filter cleaning reminder
-  Smart air flow
-  No screw only buckles

How It Works? Inverter Technology



■ Inverter Technology ● HVAC Mirage Inverter Technology



CONFORMS TO
UL STD. 1995
CERTIFIED TO
CSA STD. C22.2
NO. 236



VENTUSX INVERTER

IVKH090A
OVKH090A

IVKH120A
OVKH120A

IVKH121A
OVKH121A

IVKH181A
OVKH181A

IVKH241A
OVKH241A

IVKH361A
OVKH361A

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	230V~/60Hz/1P	230V~/60Hz/1P	230V~/60Hz/1P	
Rated cooling capacity	Btu/h	9000	12000	12000	18000	24000	36000	
Rated Heating capacity	Btu/h	9500	12000	12500	19000	24400	36000	
SEER	Btu/W.h	20.0	20.0	19.0	19.0	18.0	17.0	
HSPF Rating (Region IV)	Btu/W.h	10.5	10.0	9.5	10.0	10.0	8.5	
EER	Btu/W.h	12.0	10.5	10.5	10.0	9.5	9.0	
COP	W/W	3.4	3.0	3.2	3.0	3.0	2.8	
Input Consumption	Cooling	W	750.0	1140.0	1140.0	1800.0	2520.0	4000.0
	Heating	W	810.0	1170.0	1140.0	1850.0	2390.0	3760.0
Rated Current	Cooling	A	6.7	10.1	5.1	8.0	11.2	17.7
	Heating	A	7.3	10.4	5.1	8.3	10.6	16.7
Maximum Operation Pressure	PSIG	550	550	550	550	550	550	
Maximum Fuse Size	A	25	30	15	20	30	20	
Indoor noise level at cooling	High/Med/Low		38/35/32	40/37/34	40/37/34	44/39/34	50/46/42	50/46/42
Outdoor noise level			50	52	52	55	58	58
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"
Net dimensions (W x D x H)	Indoor	inch	31.92x11.49x8.07	31.92x11.49x8.07	31.92x11.49x8.07	39.76x12.40x8.66	46.69x13.38x10.23	46.69x13.38x10.23
	Outdoor	inch	28.66x12.01x21.65	28.66x12.01x21.65	28.14x11.42x19.61	30.70x13.74x23.81	33.26x14.96x27.51	35.43x14.17x31.69
Net weight	Indoor	lbs	19.8	19.8	19.8	28.7	37.5	38.6
	Outdoor	lbs	61.3	63.9	59.5	73.8	99.2	136.7
Indoor Unit								
Indoor Motor	Motor Model		AC	AC	AC	DC	DC	DC
Indoor air circulation / Hi	CFM		350	380	380	600	850	850
Outdoor Unit								
Compressor Brand			GMCC	GMCC	GMCC	SANYO	SANYO	GMCC
Compressor Model	Operation temperature		DC	DC	DC	DC	DC	DC
Outdoor Motor	Motor Brand		Weilling/Broad-Ocean/ SHIBURA	Weilling/Broad-Ocean/ SHIBURA	Weilling/Broad-Ocean/ SHIBURA	Weilling/Broad-Ocean	Weilling/Broad-Ocean	Weilling/Broad-Ocean
Outdoor Motor	Motor Model		DC	DC	DC	DC	DC	DC
Outdoor air circulation/Hi	CFM		1350	1350	1110	1520	1760	2110
Factory Refrigerant R410a charge	oz		28.57	35.34	34.22	37.74	50.09	86.42
Line Set Size	ft		16	16	16	16	16	16
Maximum Allowed Length	ft		50	50	50	65	65	98
Maximum Allowed Height	ft		33	33	33	49	49	65
Operation temperature	°F		61 ~ 88	61 ~ 88	61 ~ 88	61 ~ 88	61 ~ 88	61 ~ 88
Additional refrigerant Charge	Oz/Ft		0.216	0.216	0.312	0.312	0.312	0.312

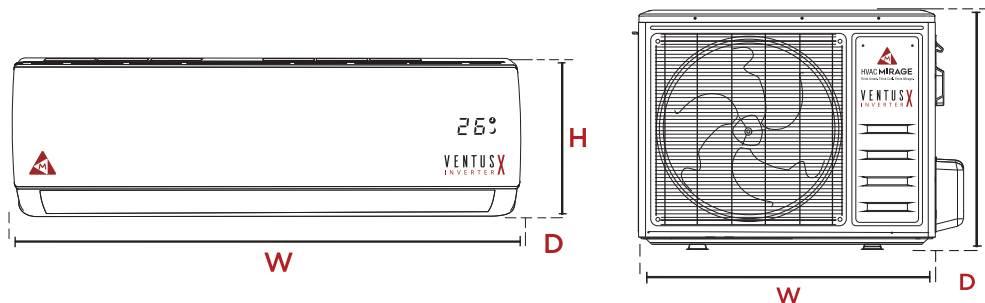
Dimensions

The right size with high technology for your comfort

W-Width

H-High

D-Deep



Energy-saving Operation

10-20 %
Energy-saving efficiency improvement

Safety Design

- No connection between condensate water & electricity.
- Fireproof electric control box.
- Erosion resistance materials.



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