

RAC

Inverter



Model Number		AS-09UW4SVDTD9A	AS-12UR4SVETD12	AS-18UR4SXTD06	AS-22UXW4SBBTD
Type		Heat pump	Heat pump	Heat pump	Heat pump
Cooling Capacity	W	8200	9400	8800(3400-9500)	9100
Heating Capacity	W	8000	9600	8800(3200-9800)	9200
Refrigerant		R410A	R410A	R410A	R410A
Refrigerant Volume	g	610	800	1320	1670
Indoor Unit Noise Level	High(dB(A))	39	39	44	48
	Low(dB(A))	30	30	36	40
Outdoor Unit Noise Level	dB(A)	54	53	56	58
Voltage, Frequency, Phase		220-240V, 50Hz, 1P	220-240V, 50Hz, 1P	220-240V, 50Hz, 1P	220-240V, 50Hz, 1P
Net Dimensions WxHxD (mm)	Indoor Unit	780x270x202	850x270x202	960x315x230	1085x315x235
	Outdoor Unit	715x482x240	715x482x240	810x585x280	860x650x310
Net Weight (kg)	Indoor Unit	8.5	8.5	12.5	14.5
	Outdoor Unit	24	27	39	47
Packing Dimensions WxHxD (mm)	Indoor Unit	830x335x260	900x335x260	1022x380x302	1170x390x315
	Outdoor Unit	830x530x315	830x530x315	940x630x385	995x730x445
Gross Weight (kg)	Indoor Unit	10	11	14.5	17
	Outdoor Unit	26	29	42	51
Liquid Pipe		1/4	1/4	1/4	3/8
Gas Pipe		3/8	3/8	1/2	5/8
Load Capacity (20/40/40'HC) with pipe		145/298/345	140/285/335	86/180/201	63/131/150
Load Capacity (20/40/40'HC) without pipe		135/281/330	134/280/320	86/180/201	63/131/150

Model Number		AS-30HR4SBBTE	AS-36HR4SBBTE	AS-30US4DKV	AS-36UW4SDKD
Type		Heat pump	Heat pump	Heat pump	Heat pump
Cooling Capacity	W	8200	9400	8800(3400-9500)	9100
Heating Capacity	W	8000	9600	8800(3200-9800)	9200
Power Input-Cooling	W	2720	3345	2460(700-27000	2835
Power Input-Heating	W	2490	2990	2460(650-2600)	2545
Moisture Removal	L/H.r	2.2	2.6	3	3
Air Circulation	CMH Max	1200	1680	1800	1800
EER for Cooling	W/W	3.1	2.81	3.58	3.21
COP for Heating	W/W	3.21	3.21	3.95	3.61
Energy Consumption	kWh / year	1360	1673	1180	1245
Energy Class	Cooling	A	A	A	A
Energy Class	Heatling	A+	A+	A+	A+
Refrigerant		R410A	R410A	R410A	R410A
Refrigerant volumn	g	1950	2150	2300	2200
Indoor Unit Noise Level	High(dB (A))	45	50	48	49
	Low(dB (A))	42	45	39	40
Outdoor Unit Noise Level	dB (A)	58	64	60	59
Power Supply					
Voltage, Frequency, Phase		220-240V~,50Hz,1P	220-240V~,50Hz,1P	220-240V~,50Hz,1P	220-240V~,50Hz,1P
Rated Current	Cooling (A)	12.1	14.8	10,9(3,1-11,7)	13.0
	Heating (A)	11.2	14.3	11(2,9-11,3)	11.7
LRA	A	65.6	66	-	-
System					
Compressor type		Rotary	Rotary	Rotary	Rotary
Evaporator		Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin
Condenser		Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin
Connecting Pipe Diameter					
Liquid Pipe	inch	3/8	3/8	3/8	3/8
Gas Pipe	inch	5/8	5/8	5/8	5/8
Maximum pipe length	m	15	15	15	15
Maximum height difference	m	5	5	5	5
Features					
Display on Front Panel		LED	LED	LED	LED
LCD Wireless Remote Controller		Yes	Yes	Yes	Yes
Removable and washable Panel		Yes	Yes	Yes	Yes
Washable PP Filter		Yes	Yes	Yes	Yes
Active Charcoal Filter		Optional	Optional	Optional	Optional
Electrostatic Filter		Optional	Optional	Optional	Optional
LTC Filter		Optional	Optional	Optional	Optional
Catechin filter		Optional	Optional	Optional	Optional
Negative ion filter		Optional	Optional	Optional	Optional
Photic Catalyst filter		Optional	Optional	Optional	Optional
Vitamin-C filter		Optional	Optional	Optional	Optional
Dimmer		Yes	Yes	Yes	Yes
24 Hours Timer		Yes	Yes	Yes	Yes
Timer ON/OFF		Yes	Yes	Yes	Yes
3 Speed and Auto Indoor Fan Control		Yes	Yes	Yes	Yes
Silent Mode		Yes	Yes	Yes	Yes
Horizontal Auto Swing Louver		Yes	Yes	Yes	Yes
Manual Adjustable Vertical Louver		Yes	Yes	Yes	Yes
Auto Horizontal Louver		Yes	Yes	Yes	Yes
Smart sense function		Yes	Yes	Yes	Yes
Super function		Yes	Yes	Yes	Yes
Compressor Indicator		Yes	Yes	Yes	Yes
Auto Restart		Yes	Yes	Yes	Yes
Auto Defrost		Yes	Yes	Yes	Yes
Dehumidification function		Yes	Yes	Yes	Yes
Cold air protection		Yes	Yes	Yes	Yes
Other (VQ panel)					
Net Dimensions WxHxD (mm)	Indoor Unit	1131x315x235	1266x346x262	1280x260x360	1290x348x263
	Outdoor Unit	860x650x310	885x795x366	885x795x366	884x793x365
Net Weight (Kg)	Indoor Unit	14.5	19.5	18	17
	Outdoor Unit	49	60	60	58
Packing Dimensions WxHxD (mm)	Indoor Unit	1220x400x310	1385x435x325	1365x325x435	1385x435x325
	Outdoor Unit	995x730x445	1050x890x445	1050x890x500	1050x890x500
Gross Weight (Kg)	Indoor Unit	17	23	22	21
	Outdoor Unit	51	66	66	64
Loading Capacity (20/40/40'HC) without pipe		60/128/144	42/88/108	42/88/108	41/87/106
Approvals		CB	CB+EMC	CB	CB
Test Standard		IRAM 62406	EN 14511		

Remarks:

The design and specifications are subject to change without prior notice for product improvement.

The values given in the table for noise level reflect the levels in an echoic chamber.