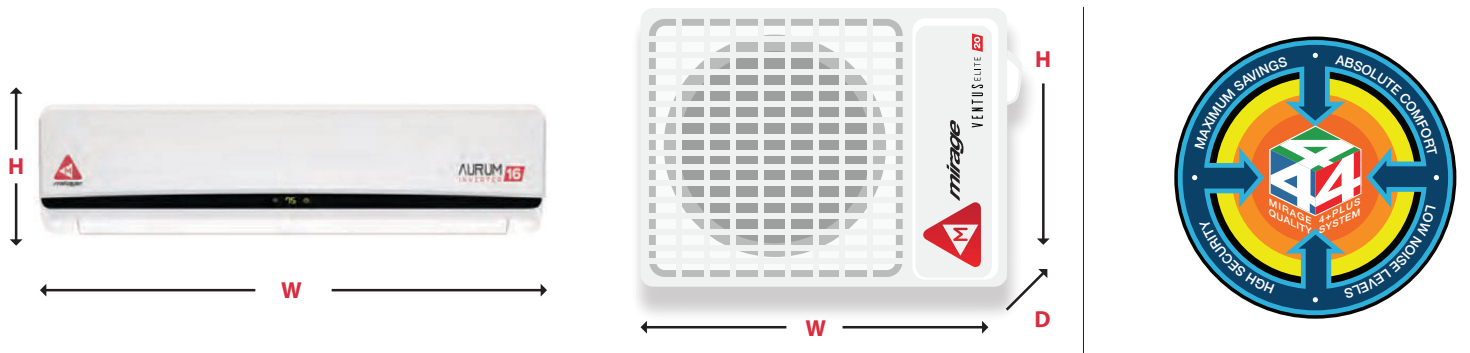


AURUM **16**

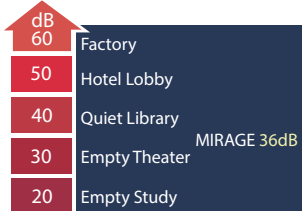
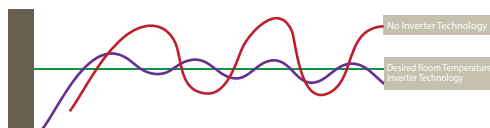
INVERTER



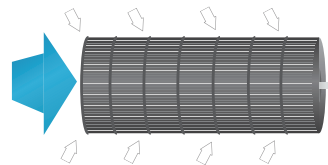
MODEL NUMBER		IAXH090A	IAXH120A	IAXH121A	IAXH181A	IAXH241A
Rated Voltage	Ph/V/Hz	1 / 115 / 60				1 / 208-230 / 60
Cooling capacity	Btu/h	10,918 / 2,764	12,500 / 3,753	12,500 / 3,753	20,000 / 7,165	24,000 / 8,630
	W(t)	3,200 / 810	3,664 / 1,100	3,664 / 1,100	5,862 / 2,100	6,800 / 2,529
Power Input	W	1,270 / 350	1,300 / 380	1,350 / 410	2,600 / 570	2,700 / 600
Rated Current	A	11.2	13.0	6.0	11.5	11.9
SEER	BTU/Wh	16	16	16	16	16
Heating Capacity	BTU/h	12,283 / 2,081	15,013 / 3,412	14,000 / 3,924	23,498 / 7,336	26,000 / 8,650
	W(t)	3,600 / 610	4,400 / 1,000	4,103 / 1,150	6,887 / 2,150	7,620 / 2,535
Power Input	W	1,250 / 280	1,350 / 350	1,500 / 380	2,600 / 580	2,750 / 650
Rated Current	A	10.6	13.2	6.7	11.5	12.2
HSPF	BTU/Wh	9	9	9	9	9
Moisture Protection		IP24	IP24	IP24	IP24	IP24
Air Circulation (T/H/M/L)	CFM	318 / 288 / 241 / 171	400 / 318 / 241 / 194	400 / 317 / 253 / 194	471 / 403 / 341 / 282	706 / 647 / 588 / 529
Sound Pressure Level						
Indoor Unit	dB	42 / 38 / 34 / 28	43 / 39 / 35 / 29	45 / 39 / 35 / 29	46 / 42 / 39 / 35	48 / 44 / 40 / 36
Outdoor Unit	dB	53	53	53	56	59
Compressor Type		Rotary	Rotary	Swing	Rotary	Rotary
Trade Mark		Turbo Infinity	Turbo Infinity	Turbo Infinity	Turbo Infinity	Turbo Infinity
Fan Motor						
I-Fan Diameter/Length	(in)	Φ3 6/7x22 5/6	Φ3 6/7x25	Φ3 6/7x25	Φ4 1/6x27 4/5	Φ4 1/4x32 7/10
O-Speed Outdoor	RPM	850	850	820	800	800
O-Fan Diameter	(in)	15.74	15.74	15.74	20.47	20.47
Dimensions						
Indoor Unit (WxHxD)	(in)	31.10x10.82x7.87	33.26x11.37x8.22	33.26x11.37x8.22	38.18x11.81x8.81	42.44x12.79x9.68
Indoor Packing (WxHxD)	(in)	34.09x10.66x14.44	36.26x11.06x14.92	36.26x11.06x14.92	40.98x15.07x12.59	45.19x16.26x13.78
Outdoor Unit (WxHxD)	(in)	33.38x21.26x12.59	33.38x21.26x12.59	30.55x21.26x12.59	37.59x27.55x15.59	37.59x27.55x15.59
Outdoor Packing (WxHxD)	(in)	34.68x14.29x23.42	34.68x14.29x23.42	33.50x14.29x23.42	40.51x18.03x29.52	40.51x18.03x29.52
Gross Weight (Indoor/Outdoor)	(lb)	24.25 / 68.35	27.56 / 72.76	28.66 / 74.97	36.38 / 105.80	45.20 / 120.17
Refrigerant / Charge	(oz)	R410A / 24.7	R410A / 31.8	R410A / 30.0	R410A / 49.4	R410A / 65.27
Connecting Pipe (liquid/gas)	(in)	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 5/8"
Max. allowed Height	(ft)	32.8	32.8	32.8	32.8	32.8
Max. allowed Length	(ft)	49.2	65.6	65.6	82	82
Additional Charge	(oz/ft)	0.20	0.20	0.21	0.20	0.53
Set Temperature Range		61 to 86	61 to 86	61 to 86	61 to 86	61 to 86
Ambient Temperature Range (cooling/heating)		0 to 115 / -4 to 75	0 to 115 / -4 to 75	0 to 115 / -4 to 75	0 to 115 / -4 to 75	0 to 115 / -4 to 75



HOW It Works? Inverter Technology



Only 36 dB in a 1 ton unit
More silent than a library



Bigger Diameter Turbine and Lower RPM
It's the secret to a silent environment



SILENT COMPRESSOR