

# Room Size Chart

## Check your requirements

For future improvement, specifications & designs of product are subject to change without notice. Heating and cooling capacities are based on AS/NZS 3823.

### Cooling

Indoor Temp: 27°C DB/19°C WB  
Outdoor Temp: 35°C DB

### Heating

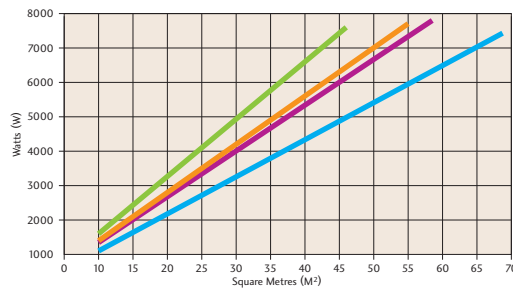
Indoor Temp: 20°C DB  
Outdoor Temp: 7°C DB / 6°C WB

**Note:** The appropriate load will vary according to the region. Use only as a guide.

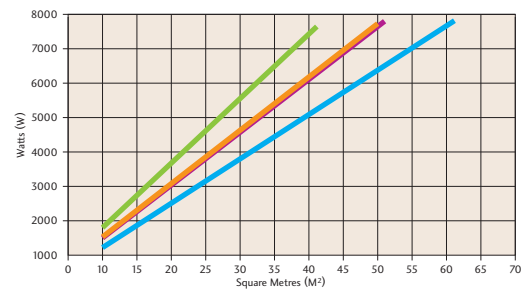
- Small Window Minimum
- Large Window Minimum
- Small Window Maximum
- Large Window Maximum

Please refer to disclaimers on back cover

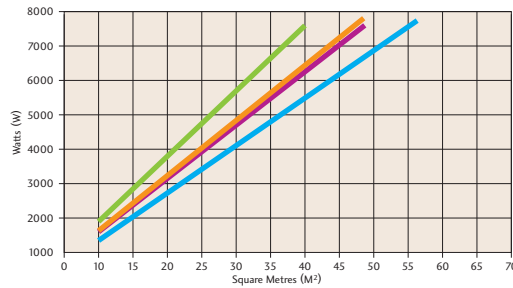
CEILING INSULATED WINDOW NOT FACING WEST



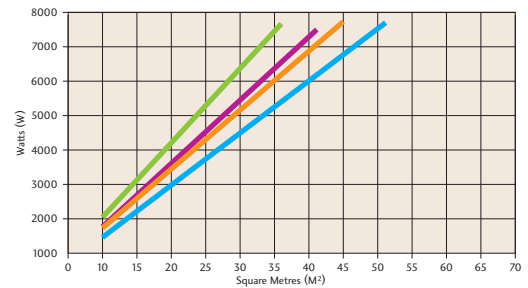
CEILING UNINSULATED WINDOW NOT FACING WEST



CEILING INSULATED WINDOW FACING WEST



CEILING UNINSULATED WINDOW FACING WEST



## INVERTER

## WALL MOUNTED

Type		INVERTER							
Model No.	Indoor Unit	ASTA07JCC	ASTA09JCC	ASTA12JCC	ASTA09LCC	ASTA12LCC	ASTA18LCC	ASTA24LCC	ASTA30LCC
	Outdoor Unit	AOTR07JCC	AOTR09JCC	AOTR12JCC	AOTR09LCC	AOTR12LCC	AOTR18LCC	AOTR24LCC	AOTR30LCT
Reverse Cycle System		No	No	No	Yes	Yes	Yes	Yes	Yes
Cooling Capacity	Watts	2100	2600	3500	2600	3500	5200	7400	8000
	BTU/h	7200	8900	11900	8900	11900	17700	25300	27300
Range	Watts	500-2800	500-3300	900-4000	500-3600	900-4300	900-5700	900-8000	2900-9000
	BTU/h	1700-9600	1700-11300	3100-13700	1700-12300	3100-14700	3100-19400	3100-27300	9900-30700
Heating Capacity	Watts	-	-	-	3600	4800	6250	8500	9000
	BTU/h	-	-	-	12300	16400	21300	29000	30700
Range	Watts	-	-	-	500-5300	900-6700	900-9100	900-10600	2200-11000
	BTU/h	-	-	-	1700-18100	3100-22900	3100-31000	3100-36200	7500-37500
Power Supply	Volts	240	240	240	240	240	240	240	240
Phase-Frequency	Ph - Hz	1-50	1-50	1-50	1-50	1-50	1-50	1-50	1-50
Power Supply Attachment		Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor
Plug Size (If Applicable)	Amps	10 amp plug	10 amp plug	10 amp plug	10 amp plug	15 amp plug	15 amp plug	NA	NA
Running Current	Cooling	Amps	2.7	3.4	4.9	3	4.1	7.3	10.4
	Range	Amps	TBA	TBA	TBA	Max 6	Max 7	Max 9	Max 12
	Heating	Amps	-	-	-	3.9	5.4	7.4	10.2
	Range	Amps	-	-	-	Max 8.5	Max 10	Max 13.5	Max 17.5
Input	Cooling	Watts	570	740	1110	655	920	1720	2460
	Range	Watts	TBA	TBA	TBA	250-1380	250-1610	90-2000	110-2620
	Heating	Watts	-	-	-	845	1240	1730	2420
	Range	Watts	-	-	-	250-1960	250-2300	90-2660	110-3680
Moisture Removal	l/hr	1.0	1.3	1.8	1.3	1.8	2.8	3	
E.E.R.	Cooling	3.68	3.51	3.15	3.963	3.801	3.022	3.011	
C.O.P.	Heating	-	-	-	4.261	3.869	3.61	3.516	
	Cooling	★★★★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★	
Star Rating	Heating	-	-	-	★★★★★	★★★★★	★★★★	★★★★	
	Heating	-	-	-	★★★★★	★★★★★	★★★★	★★★★	
Fan Speeds		4	4	4	4	4	4	4	
Air Circulation	High	l/s	149	149	150	165	176	194	
Compressor Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Scroll	
Dimensions and Weights	I.U.	Height	mm	257	257	275	275	275	320
		Width	mm	808	808	790	790	790	998
		Depth	mm	187	187	215	215	215	228
		Net Weight	kg	8	8	8.5	9	9	14
	O.U.	Height	mm	540	540	540	540	540	578
		Width	mm	660	660	790	660	790	790
		Depth	mm	290	290	290	290	290	300
		Net Weight	kg	30	30	36	32	37	40
I.U. Sound Pressure Level	dB@1mtr	38	38	38	41	42	42	47	
O.U. Sound Pressure Level	dB@1mtr	48	48	49	48	49	50	52	
O.U. Sound Power Level	dB	65	65	67	65	67	68	68	
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
Connection Pipe Sizes	Gas	mm	9.52	9.52	9.52	9.52	9.52	12.7	
	Liquid	mm	6.35	6.35	6.35	6.35	6.35	6.35	
Pre Charged Length	Metre	7.5	7.5	7.5	15	15	15	20	
Minimum Pipe Length	Metre	3	3	3	3	3	3	5	
Maximum Pipe Length	Metre	15	15	15	20	20	20	30	
Maximum Pipe Height	Metre	10	10	10	15	15	15	20	
Pipe Connection Methods		Flare	Flare	Flare	Flare	Flare	Flare	Flare	
Outdoor operating Temp.	Cooling	Degrees C	18 to 43	18 to 43	18 to 43	10 to 43	10 to 43	-10 to 43	
	Heating	Degrees C	-	-	-	-15 to 24	-15 to 24	-15 to 24	