



Illustration purposes only



B Series

Comfort all year round

Inverter Split Systems

Model Number	Indoor Unit		TWS25HVBMJBB	TWS41HVBMHBC	TWS50HVBMHBC	TWS61HVBMHBC	TWS72HVBMJBB	TWS81HVBMHBC
	Outdoor Unit		TSO25HVBMJBB	TSO41HVBMHBC	TSO50HVBMHBC	TSO61HVBMHBC	TSO72HVBMJBB	TSO81HVBMHBC
Cooling Capacity (MEPS)	Watts		2490	4100	5000	6100	7230	8150
Heating Capacity (MEPS)	Watts		2690	4200	5300	6700	7520	8100
Power Supply	Volts		230	230	230	230	230	230
Phase-Frequency	Ph-Hz		1Ph 50Hz	1Ph 50Hz	1Ph 50Hz	1Ph 50Hz	1Ph 50Hz	1Ph 50Hz
Power Supply Attachment (from Indoor / Outdoor)			Indoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor
Running Current	Cooling	Amps	3.2	5.8	7.2	9.3	9.6	12
	Heating	Amps	3.4	6.0	7.5	9.3	9.9	11
Input	Cooling	Watts	660	1300	1600	1980	2180	2620
	Heating	Watts	690	1310	1700	2100	2250	2420
Moisture Removal	L/hr		1.0	1.4	1.7	2.1	2.8	3
A.E.E.R Rated (Part Load)	Cooling		3.75	3.15 (3.85)	3.12 (3.93)	3.08 (3.75)	3.31	3.11 (3.61)
A.C.O.P Rated (Part Load)	Heating		3.78	3.15 (3.86)	3.08 (4.07)	3.16 (4.08)	3.31	3.32
Star Rating **	Cooling		3	1.5	1.5	1.5	2	1.5
	Heating		3	1.5	1.5	1.5	2	2
Fan Speeds			3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto
Air Circulation (High Speed)	L/s		183	222	260	292	322	416
Compressor Type			Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Unit Dimensions & Weight	I.U.	HxWxD (mm)	265x790x195	292x920x225	330x1080x228	330x1080x228	325x1250x250	348x1186x258
		Net Weight (kg)	8	11	11	14	17.5	18
	O.U.	HxWxD (mm)	590x760x315	590x760x315	700x845x360	700x845x360	860x900x355	860x900x355
		Net Weight (kg)	34	38	39	50	72	72
I.U. Sound Pressure Level (Hi)	dBA@ 1m		39	44	46	49	50	50
O.U. Sound Pressure Level	dBA@ 1m		53	58	56	57	61	61
O.U. Sound Power Level	dB(A)		62	66	64	65	70	70
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A
Connection Pipe Sizes	Liquid	mm	6.35	6.35	6.35	9.52	9.52	9.52
	Gas	mm	9.52	12.7	12.7	15.88	15.88	15.88
Max. Pipe Length	Metre		20	20	25	25	25	25
Max. Height Difference	Metre		8	8	10	10	10	10
Pipe Connection Method			Flare	Flare	Flare	Flare	Flare	Flare
Outdoor Operating Temperature Range	Cooling	Degree C	0~50	0~50	0~50	0~50	0~50	0~50
	Heating	Degree C	-15~34	-15~34	-15~34	-15~34	-15~34	-15~34

* Running Current is at rated conditions (AS/NZS 3823.2) and does not include compressor start-up or variations in power supply and load conditions. Split system air conditioners should only be installed by a person licensed to handle refrigerants. Failure to comply with relevant government regulations may void warranty.
 * Indoor unit sound levels are determined in an anechoic chamber at a distance of 1 metre from the front of the unit. They may be slightly higher during actual operation due to ambient conditions.
 * Due to continuous product improvements, specifications are subject to change without prior notice.
 * Some of the below mentioned features may not be applicable to all models.

** Energy rating based on AS / NZS 3823.2.2011

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
 Cooling & Heating Capacities based on AS / NZS 3823.1.1.1998



Sleep Function

This function enables the system to automatically increase (in cooling mode) or decrease (in heating mode) your selected target temperature by 1°C each hour for the first two hours allowing the system to maintain a comfortable temperature while saving energy.



Turbo Fan

Provides super high fan speed to provide faster heating or cooling.



Hydrophilic Fin

By derestricting the flow of condensate over the indoor and outdoor coils, the Hydrophilic Fin significantly improves cooling and heating efficiency.



Auto Heat / Cool

The system will automatically select heating or cooling mode based on the selected target temperature & the room temperature



Multi Bend Heat Exchanger

The ripple construction of the evaporator increases surface area to improve overall efficiency of the unit.



Rust Resistant Cabinet

The outer casing of each unit is made from Electrolytic Zinc Steel & anti rust coated components to withstand the elements.



Easy Washable Panel

The front cover is simple to remove for easy cleaning and changing of filters.



Cold Air Prevention

When in heating mode the indoor fan speed is controlled at compressor start up and during defrost to prevent cool air being discharged.



Auto Restart

If the power supply is briefly interrupted and then restored, the air conditioner automatically resumes operation at the settings previously selected.



DC Inverter Compressor

The DC Inverter technology varies the speed & output of the compressor to more efficiently maintain the selected room conditions.



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