



The Comfortable Choice

# Fixed Speed Split System Air Conditioner Range

## FIXED SPEED REVERSE CYCLE SPLIT SYSTEMS



72 & 80 Series

27 - 61 Series

\*Illustration purposes only

**Fixed Speed**



D Series

TECO Fixed Speed Split Systems are compact in design and have low noise indoor and outdoor units. With a broad range, TECO offer capacities to suit varying room sizes and fitted with energy efficient fixed speed rotary compressor technology. Convenient features such as automatic closing louvres when off and sleep mode increase evening efficiency. All models come with a wireless remote control. D series models incorporate Demand Response Technology.



## FIXED SPEED REVERSE CYCLE SPECIFICATIONS - D SERIES

MODEL		INDOOR	TWS27HFDMMHBE	TWS35HFDMMHBE	TWS50HFDMMHBE	TWS61HFDMMHBE	TWS72HFDMMHBE	TWS80HFDMMHBE
		OUTDOOR	TSO27HFDMMHBE	TSO35HFDMMHBE	TSO50HFDMMHBE	TSO61HFDMMHBE	TSO72HFDMMHBE	TSO80HFDMMHBE
COOLING	CAPACITY (MEPS)	WATTS	2700	3500	5000	6100	7200	8050
	RUNNING CURRENT	AMPS	3.3	4.3	6.7	8.5	9.7	11.4
	INPUT	WATTS	730	940	1520	1880	2150	2420
	A.E.E.R RATED		3.67	3.70	3.27	3.23	3.34	3.32
	STAR RATING		3	3	2	2	2	2
	OUTDOOR OPERATING TEMPERATURE RANGE	°C	18 ~ 43	18 ~ 43	18 ~ 43	18 ~ 43	18 ~ 43	18 ~ 43
HEATING	CAPACITY (MEPS)	WATTS	2700	3450	5150	6750	7400	8250
	RUNNING CURRENT	AMPS	3.3	4.2	7.1	9.5	9.5	12.0
	INPUT	WATTS	730	930	1590	2080	2100	2550
	A.G.O.P RATED		3.67	3.68	3.23	3.24	3.51	3.23
	STAR RATING		3	3	2	2	3	2
	OUTDOOR OPERATING TEMPERATURE RANGE	°C	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24
POWER SUPPLY	VOLTS	230V	230V	230V	230V	230V	230V	
PHASE - FREQUENCY	Ph-Hz	1Ph - 50Hz	1Ph - 50Hz	1Ph - 50Hz	1Ph - 50Hz	1Ph - 50Hz	1Ph - 50Hz	
POWER SUPPLY ATTACHMENT (INDOOR / OUTDOOR)		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	
MOISTURE REMOVAL	L/Hr	1.0	1.2	1.8	2.4	2.8	3.1	
FAN SPEEDS		3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto	
AIR CIRCULATION (HI)	L/s	175	228	306	320	390	390	
COMPRESSOR TYPE		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
I.U. SOUND PRESSURE LEVEL (HI)	dBA@1m	41/35/29	44/39/35	46/42/38	48/44/38	50/46/42	51/47/44	
O.U. SOUND PRESSURE LEVEL	dBA@1m	56	58	62	62	62	59	
O.U. SOUND POWER LEVEL	dB(A)	65	67	71	71	71	68	
REFRIGERANT TYPE		R410A	R410A	R410A	R410A	R410A	R410A	
CONNECTION PIPE SIZES (mm)	LIQUID	6.35	6.35	6.35	9.52	9.52	9.52	
	GAS	9.52	12.7	12.7	15.88	15.88	15.88	
MAX. PIPE LENGTH	METRE	20	20	20	25	25	25	
MAX. HEIGHT DIFFERENCE	METRE	8	8	8	10	10	10	
PIPE CONNECTION METHOD		Flare	Flare	Flare	Flare	Flare	Flare	
DIMENSIONS (mm)								
INDOOR	HxWxD	275x800x188	275x940x205	315x1045x235	315x1045x235	340x1186x258	340x1186x258	
NET WEIGHT	Kg	7.5	9.6	12.7	12.4	18.5	18.5	
OUTDOOR	HxWxD	540x780x250	540x780x250	700x845x320	860x900x315	860x900x315	965x990x345	
NET WEIGHT	Kg	28	32.4	46.8	60.5	63	84	

\* 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 available in all models.

\*\* Energy rating based on AS / NZS 3823.2

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

## FEATURES

<b>SLEEP FUNCTION</b> <p>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.</p>	<b>TURBO FAN</b> <p>Provides super high fan speed to provide faster heating or cooling.</p>	<b>HYDROPHILIC FIN</b> <p>By derestricting the flow of condensate over the indoor and outdoor coils, the Hydrophilic Fin significantly improves cooling and heating efficiency.</p>	<b>AUTO HEAT/COOL</b> <p>The system will automatically select heating or cooling mode based on the selected target temperature &amp; the room temperature.</p>	<b>MULTI BEND HEAT EXCHANGER</b> <p>The ripple construction of the evaporator increases surface area to improve overall efficiency of the unit.</p>
<b>RUST RESISTANT CABINET</b> <p>The outer casing of each unit is made from Electrolytic Zinc Steel &amp; anti rust coated components to withstand the elements.</p>	<b>EASY WASHABLE PANEL</b> <p>The front cover is simple to remove for easy cleaning and changing of filters.</p>	<b>COLD AIR PREVENTION</b> <p>When in heating mode the indoor fan speed is controlled at compressor start up and during defrost to prevent cool air being discharged.</p>	<b>AUTO RESTART</b> <p>If the power supply is briefly interrupted and then restored, the air conditioner automatically resumes operation at the settings previously selected.</p>	<b>SELF DIAGNOSTICS &amp; AUTO PROTECT</b> <p>Any operational error within the unit is detected electronically and a self diagnosis message reads on the indoor LED. The unit then switches itself to protection mode.</p>

## CONTACT INFORMATION



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