

AIR CONDITIONING SOLUTIONS



Watch the  
TECO 60th Anniversary video

*The strength of a global brand. Comfort you can rely on.*

# Welcome Home to TECO

## ENGINEERED TO PERFORM

For over 60 years we have delivered market leading electrical motors worldwide. Powering the largest machines in ships, mines, quarries, plants & refineries. Our strength is diversification with expertise in state of the art products and services across telecommunications, IT solutions, automation, wind turbines, electric vehicles and home appliances.



**\$3Billion USD Net Worth**

## THE QUIET ACHIEVER

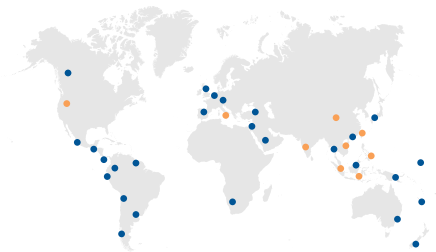
In Australia, we are the market leader in industrial motors and have been for over 30 years. This has paved the way for our success in home appliances - air conditioners, fridges, freezers, washing machines and clothes dryers. We supply to many mine sites and commercial businesses in the harshest places from the Pilbara to Kalgoorlie to Papua New Guinea. Our designs, functionality and performance are backed by our in-home dedicated service network.



**40,000+ Employees**

## QUALITY & RELIABILITY

Our heavy industrial expertise nurtures our commitment to quality and reliability in all our products. Whether it is an air conditioner for a small room or a multi split system to cool or heat your entire home - TECO has you covered with the strength of our global brand and comfort you can rely on.



**36 Countries Worldwide**

• sales / marketing • production

For over 30 years, TECO Air Conditioners have been performing in the harshest of Australian conditions from Mardie WA and Oodnadatta SA to Wandering WA and Charlotte Pass NSW.



**The strength of a global brand. Comfort you can rely on.**

# Platinum 3D DC Inverter Series

Introducing TECO's latest and most efficient range of DC inverter split systems TECO have to offer. Engineered to perform in some of the harshest Australian conditions, the Platinum 3D range is a smart choice when designing for energy reductions. Registered and approved under the latest determination of the Minimum Energy Performance standards, the Platinum 3D is an affordable option for clients on any build, requiring high efficiency wall hung split systems.



**PLATINUM**  
**3D SERIES**



## Exceptional Energy Efficiency

Offering outstanding energy efficiency with up to 9 star rating\*. The higher the star rating, the more it helps to keep running costs down.

\*Refer to pages 6 & 7 for more MEPS energy star rating information.



## 3D Air Flow

Combines vertical and horizontal auto swing to ensure an even distribution of conditioned air throughout the room.



## 4 Way Auto Swing

Cleverly designed to evenly distribute conditioned air. This helps warm up or cool down faster, evenly and continuously.



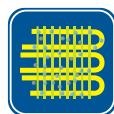
## R32 Refrigerant

R32 is a next generation refrigerant, not only does it enhance performance by carrying heat, it also has no impact on ozone depletion and minimises Global-Warming Potential (GWP) compared to traditional refrigerants.



## Built-in Wi-Fi

The built-in Wi-Fi enables you to control the air conditioner from anywhere using your mobile phone or tablet. Download our App for your smart device and control your indoor unit remotely either in or out of home. Compatible with popular smart speakers (Google & Alexa).



## Gold Fin Protection

Gold Fin Protection aids in reducing corrosive effects on outdoor coils and preserves heat exchange capacity for longer. Gold Fin also promotes the effectiveness of the Self Clean function on indoor evaporator coils.



## Service Friendly

In-built diagnostics, easily accessible panels and detection system ensures each unit is easy to maintain and service.



## Louvre Memory

The indoor unit remembers the last angle you had the louvre set at so you don't have to re-select each time you start the unit.



## I Feel Mode

When you select this function, the room temperature sensor built in to the remote controller is activated, replacing the one in the indoor unit. The air conditioner will regulate the room temperature based on the temperature around the remote controller, just as if the air conditioner is following you.

**The Platinum 3D energy efficient features delivers savings on your running costs.**



**1300 660 037**

# Platinum 3D DC Inverter Series cont.



## ECO Mode

ECO mode is an energy-efficient setting that works in cooling mode by reducing the fan speed to minimum and adjusting the outdoor frequency. This mode helps reduce running costs.



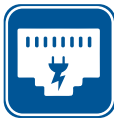
## Interactive Digital Display

Information is displayed on the front panel of wall hung split units, such as function confirmation and set temperature.



## Silent Mode

Pressing this button on the remote control activates the quiet function, lowering the fan speed to a gentle breeze inside as well as reducing the compressor running frequency outside.



## D.R.E.D. Connection

Our outdoor unit is fitted with a Demand Response Enabling Device Connection (RJ45) ensuring you can elect to participate in electricity providers promotional programs where they cap demand for electricity. *(Currently only on offer in Queensland).*



## Timer Mode

Have your unit switch on or off after a period of time you set. Great for switching unit on automatically before you get home or switch off automatically after you go to bed.



## Auto Restart

The operation mode, set temperature, and the fan speed you have selected are memorised by the indoor control PCB. The AUTO RESTART function sets to work restoring your settings the moment power has been restored after a power failure.



## Turbo Fan Mode

With this function, the air conditioner will maximise the output of cooling or heating capacity, making the room cool down or heat up rapidly to attain the desired temperature in the shortest time.



## Cold Air Prevention

When starting the heating operation, the fan speed is regulated automatically from the lowest grade to your desired level depending on the temperature increase of the indoor coil. This prevents cold air blowing out at the beginning of heating operation to avoid user discomfort.



## Long Distance Air Flow

With a powerful selection of fan speeds and 3D air flow, ensures an even and thorough air flow coverage within the room.



## Refrigerant Leak Detection

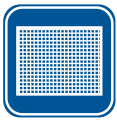
Detects refrigerant leakage in cooling mode by monitoring the temperature reduction at the indoor evaporator when unit is switch on. This protects the compressor in case of a refrigerant leak or blockage.



*The Platinum 3D DC Inverter, inspired by simplicity.*



# Platinum 3D Health & Wellbeing



## High Density Filter

Unwanted particles of dust and pollen are trapped because our high density filters have 40% more holes per square centimeter: which gives you higher filtration in the room.



## Anti F Function (Anti fungal sterilization)

Using an advanced integrated filtration and air circulation circuit, TECO Platinum 3D series will heat the indoor fan coil up to 57°C to sterilize, eliminate and remove most bacteria, contaminants and moisture. This prevents growth of fungus. Delivering clean fresh air.



## PM2.5 Filter

High voltage statically charged filter. Dust and airborne particles less than 2.5 micrometres are absorbed. This process purifies the air passing through the air conditioner. Helping you breath easier.



## Sleep Mode

This mode is specifically designed to create a comfortable environment for sleep as it slowly increases or decreases the set temperature. This is done over the period of several hours until it eventually returns to the original set temperature. This mode assists in reducing running costs while maintaining a comfortable temperature while you sleep.



## Clean Indoor Self Cleaning

This advanced feature captures the dust and dirt on the indoor coil by rapidly cooling then defrosting. This process flushes away unwanted contaminants. The air conditioner runs through a drying cycle to complete the cleaning process.



## AC Freedom

To control a TECO Platinum 3D split system using WiFi, the AC Freedom app is your link to the air conditioner from anywhere. It gives you control to change temperature, switch modes and most importantly, power on and off.

AC Freedom is compatible with popular smart speakers (Google & Alexa). This gives another level of convenience. Control the air conditioner by saying "Hey Google, set the aircon to 23 degrees" or "Alexa, switch off the aircon".

\*An internet connection, compatible smartphone and/or smart speaker required (not included).



# PLATINUM 3D SPECIFICATIONS

PLATINUM 3D DC INVERTER SERIES SPECIFICATIONS						
TECO Model No. (indoor/outdoor)		TWS26H3DVGA TSO26H3DVGA	TWS35H3DVGA TSO35H3DVGA	TWS50H3DVGA TSO50H3DVGA	TWS70H3DVGA TSO70H3DVGA	TWS80H3DVGA TSO80H3DVGA
Power supply	V - Ph-Hz	220~240 - 1-50	220~240 - 1-50	220~240 - 1-50	220~240 - 1-50	220~240 - 1-50
Power supply attachment		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Cooling	Capacity (MEPS)	kW 2.64 (0.6-3.20)	3.50 (0.8-4.30)	5.20 (1.30-5.70)	7.04 (1.80-7.50)	8.00 (2.80-8.50)
	Running current	A 3.2	4.0	5.6	8.5	11.0
	Power input	W 530	870	1,280	2,000	2,400
	E.E.R. rating	4.98	4.02	4.06	3.52	3.33
	Star rating (zone) (Hot/Med/Cold)	9 / 6.5 / 7	5.5 / 5 / 5.5	4.5 / 4 / 4.5	4 / 3.5 / 4	3 / 2.5 / 3
Heating	Capacity (MEPS)	kW 2.90 (0.60-3.50)	4.00 (0.90-4.80)	5.20 (1.30-6.30)	8.20 (1.80-8.40)	8.40 (2.60-8.80)
	Running current	A 3.9	4.8	5.5	10.0	11.0
	Power input	W 680	1,050	1,260	2,400	2,550
	C.O.P. rating	4.26	3.81	4.13	3.42	3.29
	Star rating (zone) (Hot/Med/Cold)	3.5 / 3 / 2	3 / 2.5 / 2	3 / 2.5 / 2	3.5 / 2 / 1.5	2.5 / 2 / 1.5
Moisture removal	L/Hr	0.8	1.1	1.6	2.2	2.5
Indoor fan speeds	Turbo/ H/M/L/Silent	5	5	5	5	5
Indoor cooling air flow (max)	L/s	172	236	291	361	347
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Indoor sound power level	dB(A)	54	50	61	64	65
Outdoor sound power level	dB(A)	59	54	60	64	66
Refrigerant type		R32	R32	R32	R32	R32
Connection pipe size (Liquid / Gas)	mm (inch)	6.35 / 9.52 (1/4" / 3/8")	6.35 / 12.7 (1/4" / 1/2")	6.35 / 12.7 (1/4" / 1/2")	6.35 / 15.9 (1/4" / 5/8")	9.52 / 15.9 (1/4" / 5/8")
Max. pipe length	m	20	20	20	25	25
Max. height difference	m	10	10	10	15	15
Pipe connection method		Flare	Flare	Flare	Flare	Flare
Indoor dimensions (H x W x D)	mm	294 x 881 x 194	316 x 936 x 221	315 x 986 x 225	329 x 1121 x 231	329 x 1121 x 231
Indoor net weight	Kg	9.5	12.0	13.0	14.0	14.0
Outdoor dimensions (H x W x D)	mm	554 x 875 x 335	554 x 875 x 335	700 x 952 x 380	700 x 952 x 380	810 x 1050 x 439
Outdoor net weight	Kg	28.0	30.5	45.0	49.0	61
Ambient temperature (Cooling / Heating)	°C	16~52 / -15~32	16~52 / -15~32	16~52 / -15~32	16~52 / -15~32	16~52 / -15~32

All capacity and energy efficiency ratings are based on the 2019 gems <65kw determination for all TECO air conditioners featured in this brochure.

For more information, please visit : [www.energyrating.gov.au/products/air-conditioners](http://www.energyrating.gov.au/products/air-conditioners)

Running current is at rated conditions (AS3823) and does not include compressor start-up or variations in power supply and load conditions.

Cooling Indoor temperature 27°C DB / 19°C WB Heating Indoor temperature 20°C DB / 15°C WB  
Outdoor temperature 35°C DB / 24°C WB Outdoor temperature 7°C DB / 6°C WB

## MINIMUM ENERGY PERFORMANCE STANDARDS (MEPS)

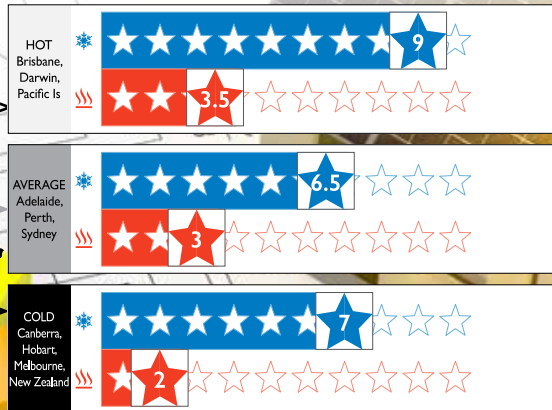
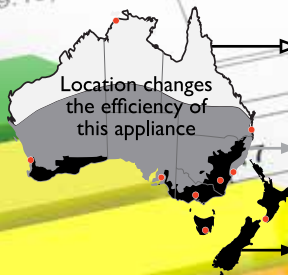
The spectacular Platinum 3D range is the latest and most efficient range of DC inverter split systems that TECO have to offer. Engineered to perform in some of the harshest Australian conditions, the Platinum 3D range is a smart choice when designing for energy reductions at an affordable price.

Registered and approved under the latest determination of the Minimum Energy Performance standards, the Platinum 3D range offers high efficiency compared to other TECO models, regardless of the climate zone you reside in. The new energy efficiency label guides you, based on HOT, AVERAGE AND COLD Zones, giving you peace of mind that TECO is a comfortable choice. For more information regarding this new labelling system, please visit [www.energyrating.gov.au](http://www.energyrating.gov.au)

Check out the efficiency of our acclaimed 2.6kW bedroom sized unit below.

### TWS-TSO26H3DVGA

(9.18)



# TECO

*The Comfortable Choice*

**TECO Reverse Cycle** air conditioners are designed to suit every Australian lifestyle - no matter the climate outside.

Whether you need heating or cooling, be in control of your climate all year round with TECO.

**That's comfort. That's TECO.**

# Comfort DC Inverter Series

## Comfort DC Inverter Series

The Comfort DC inverter series is specifically designed to keep you comfortable.

With features such as built-in wi-fi control, I-Feel mode, cutting edge diagnostics and filtration system, the Comfort series can provide an affordable and competitive air conditioning solution for your home or office.

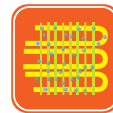


*Comfort*  
INVERTER



### Built-in Wi-Fi

Download our App for your smart device and control your air conditioner remotely either in home or out of home. The Intelligent AC App is also compatible with popular smart speakers (Google & Alexa).



### Gold Fin Protection

Gold Fin Protection aids the system by accelerating the flow of condensate over the indoor and outdoor coils.



### Interactive Digital Display

Information is displayed on front panel such as Timer functions and even reminds you when the filters need cleaning.



### I-Feel Mode

When you select this function, the room temperature sensor built in to the remote controller is activated, replacing the one in the indoor unit. The air conditioner will regulate the room temperature based on the temperature around the remote controller, just as if the air conditioner is following you.



### Sleep Mode

Decrease energy usage while you sleep by setting this mode. The air conditioner automatically increases or decreases temperature and fan speed depending on if it is set to heating or cooling over time. This means during a hot summer night, the room is kept cool as you fall asleep or kept warm on a cold winter night. Comfort all year round.



### Self Cleaning Function

The evaporator that can clean itself. A three step process involving a frosting process to capture dust, dirt and contaminants. A defrosting cycle to generate condensation will be generated and flushed away. Finally, a quick drying cycle.

\*Applicable to TWS-TSO52HVHT & TWS-TSO71HVHT only.



### Turbo Fan Mode

With this function, the air conditioner will maximise the output of cooling or heating capacity, making the room cool down or heat up rapidly to attain the desired temperature in the shortest time.



### High Density Filter

40% more holes per square centimeter than standard filters ensure even smaller unwanted particles of dust & pollen in the air are trapped.

**Comfort Inverter Series - More than you imagined.**



**1300 660 037**



# Comfort DC Inverter Series cont.



## ECO Mode

TECO Comfort series air-conditioners have an energy-saving mode which slightly increases or decreases the set temperature depending on if it is in heating or cooling mode. This helps save on running costs over time.



## Auto Restart

The operation mode, set temperature, and the fan speed you have selected are memorised by the indoor control PCB. The AUTO RESTART function sets to work restoring your settings the moment power has been restored after a power failure.



## Louvre Memory

The indoor unit remembers the last angle you had the louvre set at so you don't have to re-select each time you start the unit.



## Auto Swing

Creates vertical auto swing to promote active distribution of conditioned air throughout the room.



## Refrigerant Leak Detection

The sensor on the evaporator coil will monitor the temperature, and the system will stop operation automatically to ensure safety once the refrigerant leakage is detected. The error code will be displayed on the panel of the indoor unit.



## D.R.E.D. Connection

Our outdoor unit is fitted with a Demand Response Enabling Device Connection (RJ45) ensuring you can elect to participate in electricity providers promotional programs where they cap demand for electricity. (Currently only on offer in Queensland).



## Mute Mode

This mode sets the indoor fan speed, outdoor frequency and louver positions in such a way to reduce running noise. So quiet, you'll barely notice it running.



## Service Friendly

In-built diagnostics, easily accessible panels and detection system ensures each unit is easy to maintain and service.



## Cold Air Prevention

In Heating Mode, the indoor fan speed is controlled according to the evaporator temperature. Only when the temperature is warm enough, the fan begins to operate, preventing any cold blasting at the beginning of unit running or after defrosting period.



## Intelligent AC App

Intelligent AC gives you access to control your TECO air conditioner using your smartphone or tablet from anywhere.

Download the app for your device using the QR codes below.

iOS



Android



**Comfort Inverter Series -  
Functionality made simple.**

# COMFORT DC SPECIFICATIONS

COMFORT DC INVERTER SERIES SPECIFICATIONS							
TECO Model No. (indoor/outdoor)		TWS25HVHT TSO25HVHT	TWS32HVHT TSO32HVHT	TWS52HVHT TSO52HVHT	TWS71HVHT TSO71HVHT	TWS80HVGT TSO80HVGT	
Power supply		V - Ph-Hz	220~240 - 1-50	220~240-1-50	220~240-1-50	220~240-1-50	
Power supply attachment			Outdoor	Outdoor	Outdoor	Outdoor	
Cooling	Capacity (MEPS)	kW	2.40 (1.00-3.10)	3.20 (1.05-3.70)	5.25 (1.20-6.20)	7.15 (1.80-7.60)	7.80 (2.20-8.88)
	Running current	A	3.6	4.9	8.3	9.5	10.2
	Power input	W	640	840	1505	2170	2340
	E.E.R. rating		3.75	3.81	3.49	3.29	3.33
	Star rating (zone) (Hot/Med/Cold)	*Based on 2013 GEMS determination	3 / 2.5 / 3	4 / 3.5 / 4	3 / 2.5 / 3	3 / 2.5 / 3	2*
Heating	Capacity (MEPS)	kW	2.50 (1.00-3.70)	3.20 (1.05-4.30)	5.40 (1.20-6.60)	7.40 (2.00-8.00)	8.00 (2.40-9.00)
	Running current	A	3.4	4.9	6.0	9.9	10.3
	Power input	W	605	840	1350	2270	2350
	C.O.P. rating		4.13	3.81	4.00	3.26	3.40
	Star rating (zone) (Hot/Med/Cold)	*Based on 2013 GEMS determination	2 / 2 / 1.5	2.5 / 2.5 / 2	3 / 2.5 / 2	2 / 2 / 1.5	2*
Moisture removal	L/Hr	0.8	1.2	2.0	2.4	2.8	
Indoor fan speeds	Turbo/H/ M/L/Mute	5	5	5	5	5	
Indoor air flow volume (max)	L/s	145	165	330	330	360	
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	
Indoor sound power level	dB(A)	49	49	51	52	52	
Outdoor sound power level	dB(A)	58	59	65	65	67	
Refrigerant type		R410A	R410A	R410A	R410A	R410A	
Connection pipe size (Liquid / Gas)	mm (inch)	6.35 / 9.52 (1/4" / 3/8")	6.35 / 9.52 (1/4" / 3/8")	6.35 / 9.52 (1/4" / 3/8")	6.35 / 15.9 (1/4" / 5/8")	9.52 / 15.9 (3/8" / 5/8")	
Max. pipe length	m	15	15	15	15	15	
Max. height difference	m	5	5	5	5	5	
Pipe connection method		Flare	Flare	Flare	Flare	Flare	
Indoor dimensions (H x W x D)	mm	306 x 820 x 210	306 x 820 x 210	327 x 1095 x 235	327 x 1095 x 235	327 x 1095 x 235	
Indoor net weight	Kg	9	9.5	13.5	14.5	15	
Outdoor dimensions (H x W x D)	mm	552 x 769 x 302	552 x 829 x 302	605 x 849 x 360	805 x 976 x 434	805 x 976 x 434	
Outdoor net weight	Kg	25	29	34	51	64	
Ambient temperature (Cooling/Heating)	°C	15~52 / -15~30	15~52 / -15~30	15~52 / -15~30	15~52 / -15~30	15~52 / -15~30	

All capacity and energy efficiency ratings are based on the 2019 gems <65kw determination for all TECO air conditioners featured in this brochure. For more information, please visit : [www.energyrating.gov.au/products/air-conditioners](http://www.energyrating.gov.au/products/air-conditioners)

Running current is at rated conditions (AS3823) and does not include compressor start-up or variations in power supply and load conditions.

Cooling Indoor temperature 27°C DB / 19°C WB Heating Indoor temperature 20°C DB / 15°C WB  
Outdoor temperature 35°C DB / 24°C WB Outdoor temperature 7°C DB / 6°C WB



From our home

To your home



TECO is here for you.



# TECO

*The Comfortable Choice*

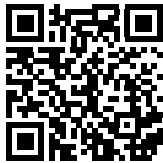
The strength of a global brand. Comfort you can rely on.



TAC-SSB-TE-03.21  
E&OE



Watch the  
TECO video



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