TEC⊙
The Comfortable Choice
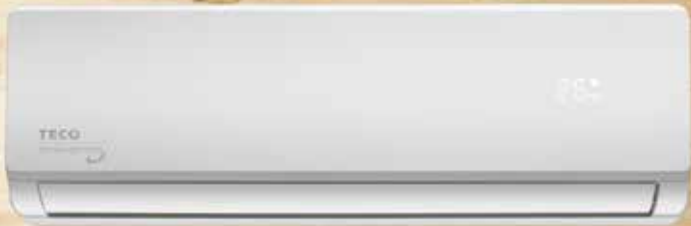
DC INVERTER SPLIT SYSTEMS
2023-2024

AIR CONDITIONING SOLUTIONS

Watch the
TECO 60th Anniversary video

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

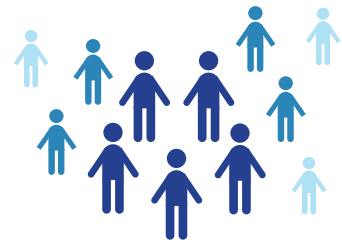# Welcome Home to TECO

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.

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.

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.

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.

$3Billion USD Net Worth

40,000+ Employees

36 Countries Worldwide
• sales / marketing   • production

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.

Exceptional Energy Efficiency
Offering outstanding energy efficiency with up to 9.5 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.
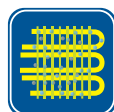
R32 Refrigerant
R32 is a next generation refrigerant, not only does it enhance performance by carrying heat, it also has no impact on ozone depletion and minimises Global-Warming Potential (GWP) compared to traditional refrigerants.

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.

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 contaminates. The air conditioner runs through a drying cycle to complete the cleaning process.

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

TECO SERVICE
had.service@teco.com.au

MANUFACTURER 5 YEARS WARRANTY
PARTS AND LABOUR

1300 660 037

ECO Mode
ECO mode is an energy-efficient setting that works in cooling or heating mode by reducing the fan speed to minimum and adjusting the outdoor frequency. This mode helps reduce running costs.
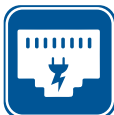
Interactive Digital Display
Information is displayed on the front panel of wall hung split units, such as function confirmation and set temperature.

Mute 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. Applicable to reverse cycle models only.

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.

Self Diagnosis Function
The system can diagnose and display fault codes to quickly identify and remedy any malfunctions that may occur. This assists in maintanance and servicing.

5 YEARS MANUFACTURER WARRANTY
PARTS AND LABOUR
1300 660 037

The Platinum 3D DC Inverter, inspired by simplicity.

TECO SERVICE
had.service@teco.com.au

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Catechin Filter

This high effect anti-bacterium deodorization electrostatic fiber filter provides many layers of purification. Providing next level bacteria and airborne contaminant removal.

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

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.
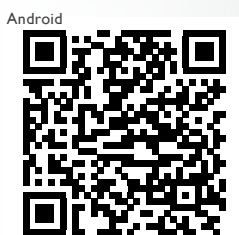
Anti Mildew

After running COOL/DRY model for more than 30 minutes, you can operate this function, the unit will blow airflow for about 15 minutes to dry the inner parts to avoid mildew, then shuts off the unit.

Smart Life-Smart Home

To control a TECO Platinum 3D split system using WiFi, the Smart Life-Smart Home 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.
Smart Life-Smart Home 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).

iOS

Android

PLATINUM 3D DC INVERTER REVERSE CYCLE SPECIFICATIONS

TECO Model No. (indoor/outdoor)		TWS26H3DVJT TSO26H3DVJT	TWS35H3DVJT TSO35H3DVJT	TWS52H3DVJT TSO52H3DVJT	TWS72H3DVJT TSO72H3DVJT	TWS88H3DVJT TSO88H3DVJT
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 (1.00~4.00)	3.50 (1.00~4.00)	5.20 (1.50~6.45)	7.00 (2.00~8.00)	8.80 (2.00~9.20)
Running current	A	4.3 (1.3~6.6)	3.6 (1.5~7.8)	6.5 (1.5~12.0)	8.8 (1.5~14.5)	10.9 (1.8~15.5)
Power input	W	595 (290~1450)	800 (290~1400)	1500 (400~1850)	2010 (350~2600)	2500 (350~3100)
A.E.E.R. rating		4.34	4.30	3.42	3.45	3.49
Star rating (zone) (Hot/Med/Cold)		9.5 / 5.5 / 6	5.5 / 4.5 / 4.5	3.5 / 3.0 / 3.0	3.0 / 3.0 / 3.0	3.0 / 3.0 / 3.0
Heating Capacity (MEPS)	kW	4.05 (1.00~4.80)	4.50 (1.00~4.60)	5.20 (1.50~6.45)	7.00 (2.00~8.50)	8.80 (2.00~9.50)
Running current	A	4.6 (1.3~7.4)	4.6 (1.5~8.2)	5.3 (1.5~13.0)	9.1 (1.5~15.0)	9.9 (1.8~15.5)
Power input	W	985 (290~1580)	1070 (290~1990)	1200 (400~1800)	2090 (350~2500)	2250 (350~3340)
A.C.O.P. rating		4.06	4.15	4.27	3.32	3.88
Star rating (zone) (Hot/Med/Cold)		3.5 / 2.5 / 2.0	3.0 / 2.5 / 2.0	3.0 / 2.5 / 2.0	3.0 / 2.5 / 1.5	3.0 / 2.5 / 2.0
Moisture removal	L/Hr	0.8	1.1	1.8	2.4	3.2
Indoor fan speeds		8	8	8	8	8
Indoor air flow (max) (Cooling/Heating)	L/s	172 / 172	161 / 172	305 / 305	305 / 305	375 / 375
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Indoor sound power level (Max)	dB(A)	47	48	52	53	54
Outdoor sound power level (Max)	dB(A)	58	60	62	64	64
Refrigerant type		R32	R32	R32	R32	R32
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 / 12.7 (1/4" / 1/2")	6.35 / 12.7 (1/4" / 1/2")	6.35 / 15.9 (1/4" / 5/8")
Max. pipe length	m	15	15	15	15	15
Max. height difference	m	10	10	10	10	10
Pipe connection method		Flare	Flare	Flare	Flare	Flare
Indoor dimensions (H x W x D)	mm	292 x 811 x 203	292 x 811 x 203	315 x 1010 x 220	315 x 1010 x 220	360 x 1191 x 258
Indoor net weight	Kg	10	10	13	13.5	18
Outdoor dimensions (H x W x D)	mm	549 x 810 x 305	549 x 810 x 305	602 x 863 x 349	699 x 927 x 380	803 x 978 x 421
Outdoor net weight	Kg	22	26	32	37	46.5
Ambient temperature	°C	-15 / 50	-15 / 50	-15 / 52	-15 / 52	-15 / 52

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
Running current is at rated conditions (AS3823) and does not include compressor start-up or variations in power supply and load conditions.
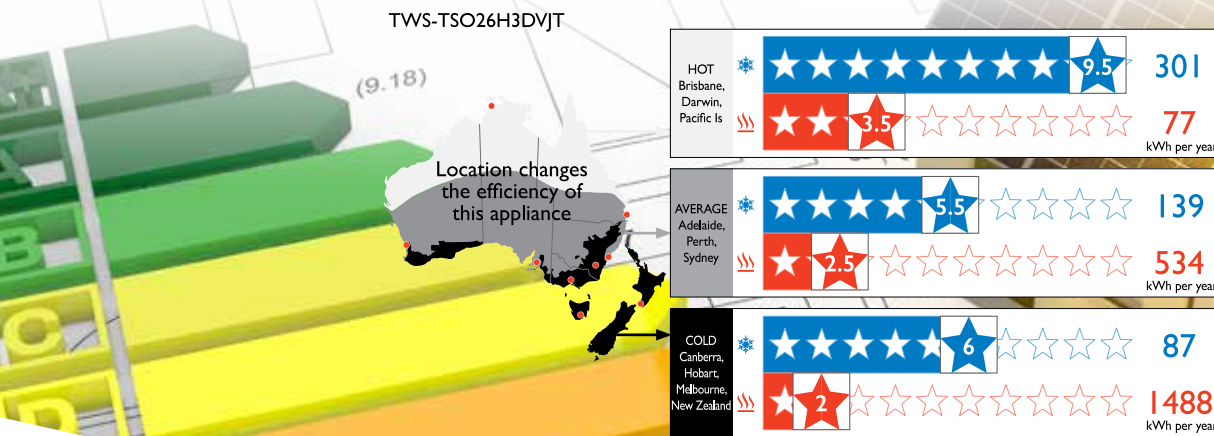
Cooling	Indoor temperature	27°C DB / 19°C WB	Heating	Indoor temperature	20°C DB / 15°C WB
	Outdoor temperature	35°C DB / 24°C WB		Outdoor temperature	7°C DB / 6°C WB

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

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

TWS-TSO26H3DVJT

Location changes the efficiency of this appliance

Zone	Cooling	Heating
HOT — Brisbane, Darwin, Pacific Is	9.5 — 301	3.5 — 77 kWh per year
AVERAGE — Adelaide, Perth, Sydney	5.5 — 139	2.5 — 534 kWh per year
COLD — Canberra, Hobart, Melbourne, New Zealand	6 — 87	2 — 1488 kWh per year

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.

Platinum 3D DC Inverter Series

The Platinum 3D 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 Platinum 3D series can provide an affordable and competitive air conditioning solution for your home or office.

3D INVERTER

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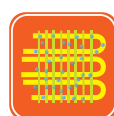
Built-in Wi-Fi
The built-in Wi-Fi enables you to control the air conditioner from anywhere using your mobile phone or tablet. Download our App for your smart device and control your indoor unit remotely either in or out of home. Compatible with popular smart speakers (Google & Alexa).

Active Air PM2.5 Filters
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.

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.

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 contaminates. The air conditioner runs through a drying cycle to complete the cleaning process.

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.

5 YEARS
MANUFACTURER WARRANTY
PARTS AND LABOUR
1300 660 037

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).*

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.

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.

TECO SERVICE
had.service@teco.com.au

Comfort Inverter Series - Functionality made simple.

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.

Anti F F (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, contaminates and moisture. This prevents growth of fungus. Delivering clean fresh air.

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).

iOS   Android

PLATINUM 3D DC INVERTER REVERSE CYCLE SPECIFICATIONS

TECO Model No. (indoor/outdoor)		TWS26H3DVHA TSO26H3DVHA	TWS35H3DVHA TSO35H3DVHA	TWS53H3DVHA TSO53H3DVHA	TWS80H3DVHA TSO80H3DVHA
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	2.64 (0.30-4.00)	3.50 (0.80-4.10)	5.30 (1.30-5.80)	8.00 (2.80-8.50)
Running current	A	3.5 (1.4-7.0)	4.3 (0.7-8.0)	7.4 (2.2-9.5)	11 (3.1-18)
Power input	W	670 (100-1500)	940 (200-1600)	1630 (290-2100)	2400 (700-2600)
A.E.E.R. rating		3.91	3.69	3.24	3.31
Star rating (zone) (Hot/Med/Cold)		6.5 / 5.0 / 5.5	5.0 / 4.5 / 5.0	4.0 / 3.5 / 4.0	3.0 / 2.5 / 3.0
Heating Capacity (MEPS)	kW	2.90 (0.30-4.20)	4.00 (0.80-4.50)	5.30 (1.30-6.00)	8.40 (2.60-8.80)
Running current	A	3.5 (1.4-7)	5.0 (0.7-8.0)	7.2 (2.0-8.2)	11 (2.6-17)
Power input	W	670 (100-1500)	1080 (200-1600)	1560 (250-1800)	2550 (600-2850)
A.C.O.P. rating		4.30	3.68	3.38	3.27
Star rating (zone) (Hot/Med/Cold)		3.5 / 3.0 / 2.5	3.5 / 2.5 / 1.5	3.5 / 2.5 / 2.0	2.5 / 2.0 / 1.5
Moisture removal	L/Hr	0.6	1.2	1.6	2.5
Indoor fan speeds	Turbo/ H/M/L/Silent	5	5	5	5
Indoor cooling air flow (max)	L/s	155	166	236	347
Compressor type		Rotary	Rotary	Rotary	Rotary
Indoor sound power level	dB(A)	50	51	58	65
Outdoor sound power level	dB(A)	60	60	63	66
Refrigerant type		R32	R32	R32	R32
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 / 12.7 (1/4" / 1/2")	6.35/15.88 (1.4" / 5/8")
Max. pipe length	m	20	20	20	25
Max. height difference	m	10	10	10	15
Pipe connection method		Flare	Flare	Flare	Flare
Indoor dimensions (H x W x D)	mm	285 x 750 x 200	285 x 750 x 200	310 x 900 x 225	330 x 1132 x 232
Indoor net weight	Kg	8.5	7.5	10.9	13.5
Outdoor dimensions (H x W x D)	mm	537 x 803 x 303	537 x 803 x 303	555 x 878 x 353	808 x 1055 x 455
Outdoor net weight	Kg	24.0	24.0	28.2	61
Ambient temperature (Cooling / Heating)	°C	-15~52 / -15~24	-15~52 / -15~24	-15~52 / -15~24	-15~52 / -15~24

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
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

TECO Headquarters, Taipei

From our home

To your home

TECO is here for you.