



Worldwide Olympic Partner



Free Match Multi System Air Conditioning Solutions

www.tcl.com/au





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About TCL



Introduction of TCL

TCL is a fast-growing consumer electronics company, and a leading player in the global TV industry.

The company was founded in 1981 in China and operates its own manufacturing and R&D centres worldwide, with products sold in more than 160 countries. TCL specialises in the research, development and manufacturing of consumer electronics products – including TVs, mobile phones, home appliances and smart home products. Through the strategy of 'AI x IOT', TCL strives to become a world-leading intelligent technology company that helps its consumers lead smarter and healthier lives.

TCL Free Match Multi Split Air Conditioning Solutions

TCL's multi split air conditioning solutions enable multiple indoor units to be connected to a single outdoor unit. It gives you the freedom to select the indoor model best suited to each room in your home and caters to your comfort without cluttering the exterior. This solution also enhances aesthetics by reducing the number of outdoor units required.

OUTDOOR UNIT



SPLIT WALL-MOUNTED



DUCTED UNIT



Outdoor Units

Unique Universal ODU

High energy efficiency and reliable design can greatly increase the service life and reduce the after-sale maintenance cost.



Full DC Inverter

This diagram illustrates the internal components of the Full DC Inverter system. It includes a cutaway view of the outdoor unit showing the condenser coils and fan. Callouts identify the following parts: Electronic expansion valve, DC inverter compressor, and DC Motor.

Intelligent defrosting technology

This diagram shows the intelligent defrosting technology. It features a cutaway view of the outdoor unit with a glowing orange fan, indicating the heating process. Below the unit, two small icons represent the 'Heating' and 'Defrosting' modes.

Refrigerant Leakage Alarm

This diagram shows a refrigerant leakage alarm system. It features a cutaway view of the outdoor unit with a glowing orange fan. A red alarm light is shown next to the unit, indicating a refrigerant leak.

Long Pipe Length

This diagram illustrates the long pipe length feature. It shows a cutaway view of the outdoor unit with a glowing blue fan. A blue line indicates the pipe length, with a '75m' label.

Outdoor Units

Multi Outdoor	Cooling capacity (KW)	Heating capacity (KW)	Maximum indoor unit connections
TFM2-18CHD/DVO	5.2 (1.3~6.3)	5.2 (1.3~6.3)	2
TFM3-27CHD/DVO	7.9 (2.0~8.9)	7.9 (2.0~8.9)	3
TFM4-36CHD/DVO	10.7 (2.0~11.4)	12.3 (2.0~13.0)	4
TFM5-42CHD/DVO	12.3 (2.0~13.0)	13.5 (2.0~14.0)	5

Additional features



12.3Kw

5.2Kw

5.2-12.3KW



53°C STRONG COOLING IN HIGH AMBIENT TEMPERATURE



Fire Alarm



Door Control



Window Opening

HOTEL MODE

COMPLIANT TO BMS SYSTEM



COMPLIANT TO EITHER R32



MULTIPLE ODU COMBINATION



-20°C STRONG HEATING IN LOW AMBIENT TEMPERATURE

TCL Wall Mounted Models



Models: BreezeIN, FRESH AIR
Capacity: 1.7KW/ 2.6KW/ 3.5KW/ 5.3KW/ 7.2KW
Colour: White

FRESH AIR MODELS

Model	Indoor (W x D x H)
TAC-09CHSD/P7	920×313×208
TAC-12CHSD/P7	920×313×208

BREEZEIN MODELS

TAC-06CHSD/VEIH	790×275×192
TAC-10CHSD/VEIH	820×306×195
TAC-13CHSD/VEIH	820×306×195
TAC-10CHSD/VFIH	820×306×195
TAC-13CHSD/VFIH	820×306×195
TAC-18CHSD/VEIH	1097×332×222
TAC-24CHSD/VEIH	1097×332×222

Features

-  Gentle Breeze Mode
-  Healthy Air
-  Smart Control
-  Turbo Cooling and Heating
-  T-AI Energy Saving
-  Smart Inverter
-  Built-in Wifi
-  Sleep Mode
-  4-Step Auto Cleaning
-  7 year warranty

TCL Slim Line Duct

TCL Super Slim Line Duct*

Capacity: 2.64KW/3.5KW/5.0KW

Model	Indoor (W x D x H)
TACM-DT09INV/R	700×450×200
TACM-DT12INV/R	700×450×200
TACM-DT18INV/R	920×450×200

*unit depth dimension excludes return air filter plenum & supply air turn out

Features



200 Ultra-thin Design



Flexible Air Intake



Wide Range of Static Pressure



Optional Water Pump



Reserved Fresh Air Duct



Left and Right Drain Pipes Optional



Quiet Operation



Wi-Fi Operation



7 year warranty

Specifications

Specifications for Multi Split Outdoor

Model No.		TFM2-18CHD/DVO	TFM3-27CHD/DVO	TFM4-36CHD/DVO	TFM5-42CHD/DVO
Rated cooling capacity (KW)		5.2 (1.3~6.3)	7.9 (2.0~8.9)	10.7 (2.0~11.4)	12.35 (2.0~13.0)
Rated heating capacity (KW)		5.2 (1.3~6.3)	7.9 (2.0~8.9)	12.3 (2.0~13.0)	13.5 (2.0~14.0)
AEER		3.76	3.39	3.75	3.89
ACOP		4.44	4.42	3.78	3.99
Sound power level (dB(A))		72	79	74	74
Maximum unit connections		2	3	4	5
Electrical Data					
Power supply (V)		220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz
Voltage range (V)		165~265	165~265	165~265	165~265
Running current (A)	Cooling	6.5	12.0	12.2	13.7
	Heating	6.0	10.0	13.9	14.3
Rated input power (KW)	Cooling	1.36	2.30	2.75	3.15
	Heating	1.15	1.76	3.20	3.30
Max current (A)	Cooling	9.5	13.0	17.8	19.6
	Heating	9.5	13.0	18.2	20.9
Max input power (KW)	Cooling	2.0	3.0	4.1	4.5
	Heating	2.0	3.0	4.2	4.8
Refrigerating System					
Refrigerant (gram)		R32/1.200Kg	R32/1.700Kg	R32/2.400Kg	R32/2.400Kg
Connections					
Flare nuts (inches)	Gas	2×Φ9.52(3/8")	3×Φ9.52(3/8")	4×Φ9.52(3/8")	5×Φ9.52(3/8")
	Liquid	2×Φ6.35(1/4")	3×Φ6.35(1/4")	4×Φ6.35(1/4")	5×Φ6.35(1/4")
Max. pipe length for all rooms (metres)		30	45	60	75
Max. pipe length for indoor unit (metres)		20	20	20	20
Max. height difference (metres)		15	15	15	15
Power cord (core number x size)		3×2.5mm ²	3×2.5mm ²	3×2.5mm ²	3×2.5mm ²
Others					
Outdoor operating temperature range (°C)		-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C
Indoor operating temperature range (°C)		16°C~31°C	16°C~31°C	16°C~31°C	16°C~31°C
Dimensions (W x D x Hmm)	Net	853×349×602	920×380×699	1074×468×853	1074×468×853
	Packing	890×385×628	950×420×732	1230×530×925	1230×530×925
Weight (kg)	Net	32	43	67.5	69
	Gross	36	47	76	77.5

Specifications



Specifications for Multi Indoor (Splits)



Model No.		TAC-09CHSD /P7	TAC-12CHSD /P7	TAC-06CHSD /VEIH	TAC-10CHSD /VEIH	TAC-13CHSD /VEIH	TAC-10CHSD /VEIH	TAC-13CHSD /VEIH	TAC-18CHSD /VEIH	TAC-24CHSD/ VEIH
Rated cooling capacity (KW)		2.6	3.5	1.7	2.6	3.5	2.6	3.5	5.3	7.2
Rated heating capacity (KW)		3.6	3.6	1.8	3.3	3.7	3.3	3.7	5.3	7.3
Sound power level (dB(A))		53	54	49	54	54	54	54	60	64
Power supply (V)		220-240V~50Hz								
Indoor air circulation (cooling/heating) (L/S)		189/189		125/111	167/172	172/172	167/172	172/172	333/333	
Connecting wiring (core number x size)		4x1.0		4x0.75mm2	4×0.75mm ²					
Connecting pipe	Gas	Φ 9.52(3/8")					Φ9.52(3/8")		Φ 12.7(1/2")	
	Liquid	Φ 6.35(1/4")								
Dimensions (W x D x H mm)	Net	920x208x313		790x192x275	820x195x306				1097×222x332	
	Packing	993x311x389		860x265x345	890x265x380				1165×295x405	
Weight (kg)	Net	11		8	9				13	14
	Gross Weight with Packaging	14		10	11				16	17

Specifications



Specifications for Multi Indoor (Duct)



Model No.		TACM-DT09INV/R	TACM-DT12INV/R	TACM-DT18INV/R
Rated cooling capacity (KW)		2.6	3.5	5.3
Rated heating capacity (KW)		2.8	4.0	5.7
Indoor Sound Power (S/H/M/L/Mute) dB (A)		55/52/49/47/44/40/37		56/53/50/48/46/42/38
Power supply (V)		220-240V~50Hz		
Indoor air irculation (cooling/heating) (L/S)		166		236
Maximum indoor piping length (m)		25		
Max Height Difference (m)		15		
Connecting pipe	Gas	Φ9.52(3/8")		
	Liquid	Φ6.35(1/4")		
Dimensions (W x D x H mm)	Product	700x450x200mm		920×450×200mm
	Carton	900x555x250mm		1120×555×250mm
Weight (kg)	Net	15		18
	Gross Weight with Packaging	18		21
External Static Pressure	(Rated)	25		
External Static Pressure	(Range)	0-100		

Multiple Controller Options



Wall Controller*:

- Clear and easy to read LCD backlit display
- Service code display for easier maintenance
- Turbo heat and cool modes deliver a powerful boost to quickly reach your desired temperature, then automatically returns to normal operation.
- Room temperature display
- Weekly timer



Remote Controller:

- Stay in your comfort zone effortlessly. With the remote's integrated thermometer, it knows the temperature around it and ensures the unit responds for optimal comfort.



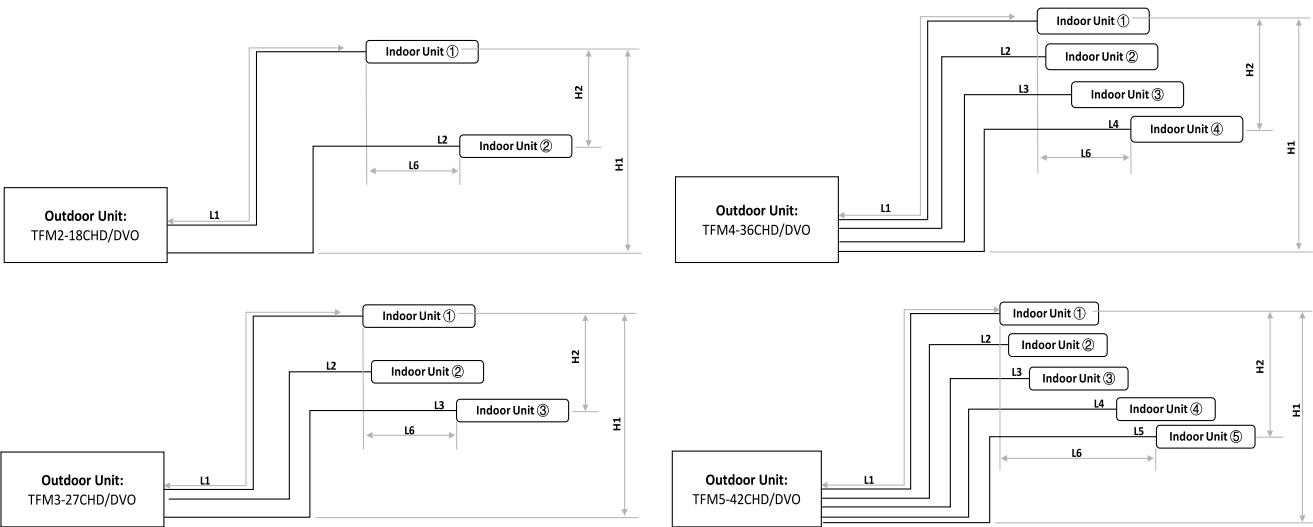
Wifi Operation:

- Elevate your control experience
- WiFi operation using smart integrations with TCL Home App, Amazon Alexa, or Google Assistant
- Control temperature and switch on/off before you get home
- Connect with multiple devices

* Wall Controller only compatible with Slim Line Duct product

Connecting Information

Model		TFM2-18CHD/CVO	TFM3-27CHD/OVO	TFM4-36CHD/DVO	TFM542CHD/DVO
Min. piping length (outdoor to indoor)	L1, L2, (L3), (L4), (L5)	3m	3m	3m	3m
Standard piping length (outdoor to indoor)	L1, L2, (L3), (L4), (L5)	5m	5m	5m	5m
Max. piping length (outdoor to indoor)	L1, L2, (L3), (L4), (L5)	25m	30m	30m	30m
Max. Total piping length	L1+L2 (+L3)(+L4) (+L5)	40m	60m	80m	90m
Precharged total piping length	L1+L2 (+L3)(+L4) (+L5)	10m	15m	20m	25m
Connection pipe	TAC-06CHSD/VEIH	Φ6.35/Φ9.52	Φ6.35/Φ9.52	Φ6.35/Φ9.52	Φ6.35/Φ9.52
	TAC-10CHSD/VEIH	Φ6.35/Φ9.52	Φ6.35/Φ9.52	Φ6.35/Φ9.52	Φ6.35/Φ9.52
	TAC-13CHSD/VEIH	Φ6.35/Φ9.52	Φ6.35/Φ9.52	Φ6.35/Φ9.52	Φ6.35/Φ9.52
	TAC-18CHSD/VEIH	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	TAC-24CHSD/VEIH	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
Additional refrigerant charge (gram/m)	Indoor unit 3.5kW or below	R32 15g/m			
	Indoor unit 5.0kW or above	R32 15g/m			
Max. height difference (outdoor to higher indoor)	H1	15m			
Min. number of connectable indoor units		2			
Min. connectable capacity (indoor unit)		1.7kW			



Electrical Connection

Min. Circuit Ampacity of Air Conditioner (A)	Minimum Wire Cross-sectional Area(mm²)	Specification of Socket or Switch (A)	Fuse Specification (A)
≤8	0.75	15	15
>8 and ≤10	1.0	15	15
>10 and ≤15	1.5	20	25
>15 and ≤24	2.5	25	40
>24 and ≤28	4.0	35	45
>28 and ≤32	6.0	40	55

Indoor Unit Combinations

Model	2 Units IDU	3 Units IDU	4 Units IDU	5 Units IDU
TFM2-18CHD/ DVO	10+10,10+13;	None	None	None
TFM3-27CHD/ DVO	10+10,10+13, 10+18,13+13, 13+18;	10+10+10,10+10+13; 10+10+18,10+13+13; 10+13+18,13+13+13;	None	None
TFM4-36CHD/ DVO	06+06,06+10,06+13, 06+18,10+10,10+13, 13+13,10+18,13+18, 18+18,10+24,13+24; 18+24;06+24;	06+06+06,06+06+10,06+06+13, 06+06+18,06+10+10,06+10+13, 06+10+18,06+13+13,06+13+18, 10+10+10,10+10+13,10+10+18, 10+13+13,10+13+18,13+13+13; 10+13+24,10+18+24,10+10+24; 13+18+24,13+13+24	06+06+06+06,06+06+06+10, 06+06+06+13,06+06+06+18, 06+06+10+10,06+06+10+13, 06+06+10+18,06+06+13+13, 06+06+13+18,06+10+10+10, 06+10+10+13,06+10+13+13, 06+10+10+18,06+10+13+18, 06+13+13+13,10+10+10+10; 10+10+10+13,10+10+10+18, 10+10+13+13,10+13+13+13; 10+10+13+24;	None
TFM5-42CHD/ DVO	06+06,06+10, 06+13,06+18, 10+10,10+13, 13+13,10+18, 13+18,18+18; 18+24,24+24;	06+06+06,06+06+10,06+06+13, 06+06+18,06+10+10,06+10+13, 06+10+18,06+13+13,06+13+18, 06+18+18,10+10+10,10+10+13, 10+13+13,10+10+18,10+13+18, 13+13+13,13+13+18,13+18+18, 18+18+18,10+13+24,10+18+24; 10+10+24,13+18+24,13+13+24; 18+18+24;	06+06+06+06,06+06+06+10, 06+06+06+13,06+06+06+18, 06+06+10+10,06+06+10+13, 06+06+10+18,06+06+13+13, 06+06+13+18,06+06+18+18, 06+10+10+10,06+10+10+13, 06+10+13+13,06+10+10+18, 06+10+13+18,06+10+18+18, 06+13+13+13,06+13+13+18, 06+13+18+18,10+10+10+10, 10+10+10+13,10+10+10+18, 10+10+13+13,10+10+13+18, 10+13+13+13,10+13+13+18, 10+13+18+18,10+18+18+18, 13+13+13+13,13+13+13+18, 13+13+18+18,06+18+18+18; 10+10+13+24,10+10+18+24; 10+13+13+24,13+13+13+24;	06+06+06+06+06,06+06+06+06+10, 06+06+06+06+13,06+06+06+06+18, 06+06+06+10+10,06+06+06+10+13, 06+06+06+10+18,06+06+06+13+13, 06+06+06+13+18,06+06+06+18+18, 06+06+10+10+10,06+06+10+10+13, 06+06+10+10+18,06+06+10+13+13, 06+06+13+13+13,06+06+13+13+18, 06+06+13+18+18,06+10+10+10+10, 06+10+10+10+13,06+10+10+18+18, 06+10+13+13+13,06+10+13+13+18, 06+13+13+13+13,06+13+13+13+18, 10+10+10+10+10,10+10+10+10+13, 10+10+10+10+18,10+10+10+13+13, 10+10+10+13+18,10+10+10+18+18, 10+10+13+13+13,10+10+13+13+18, 10+13+13+13+13,10+13+13+13+18, 13+13+13+13+13,10+10+10+10+24; 10+10+10+13+24;



Long-Term Support You Can Rely On

Our extended 7-year warranty offers long-term protection and confidence in your product—because reliability matters.

Terms and conditions apply. Visit www.tcl.com/au/en for further details.

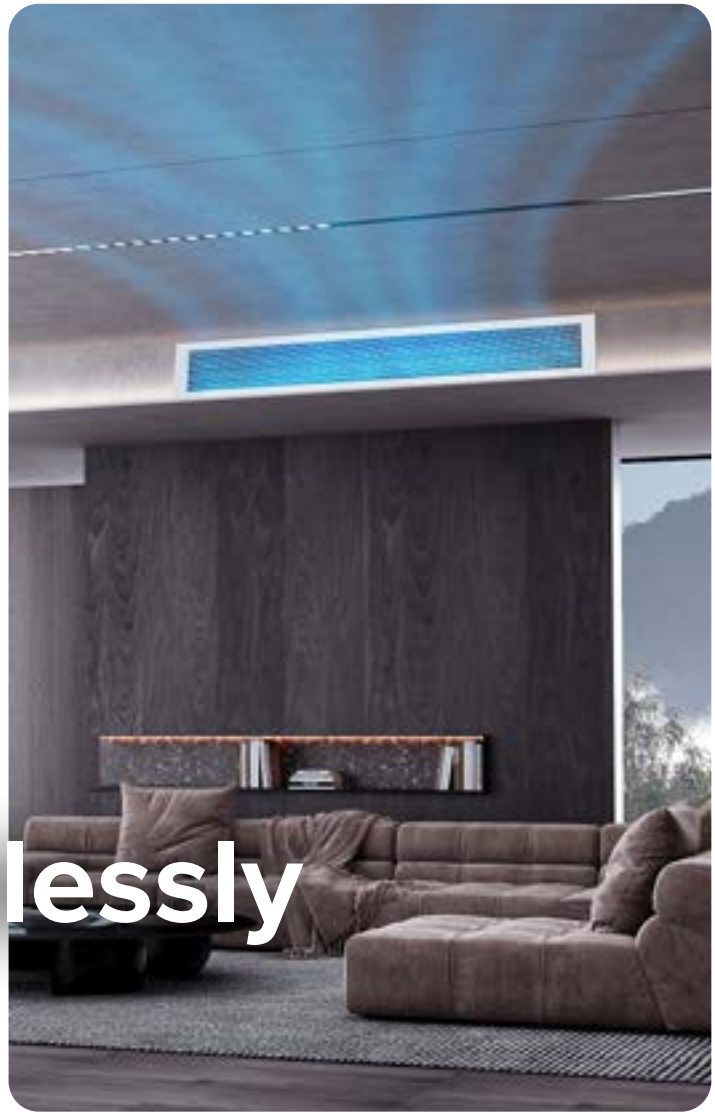


Why Choose TCL Air Conditioning

At TCL, we’re redefining what comfort means with cutting-edge air conditioning solutions designed to support a healthier, greener lifestyle. With a focus on “Smart Health,” our mission is simple: to make it easier for you to enjoy clean, fresh air every day.

From residential to commercial spaces, TCL offers a full range of innovative cooling solutions—including fresh air systems and heat pump technology—that lead the industry in performance and energy efficiency. Trusted in over 160 countries, TCL is now the world’s #2 exporter of residential air conditioners and #3 in global sales volume.

Choose TCL for smarter air, better living.



TCL

EXPERIENCE MORE

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