

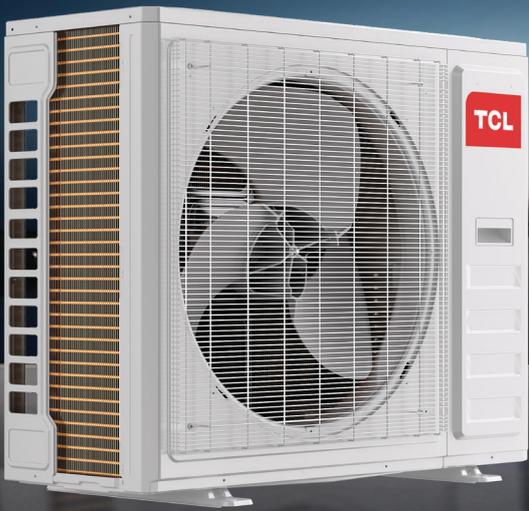
TCL

High Static Ducted System

Reach Every Corner of Your Space

Strong Performance | Easy Installation | Smart Control

7.1kW | 8.5kW | 10kW | 12.5kW | 14kW | 16kW



-  Full DC Design
-  Eco-friendly
-  Strong Cooling
Strong Heating
-  Wide Airflow and
Static Pressure Range
-  Wifi Smart Control
-  Split Design
Easy Installation*
*10-16kW models only
-  Self-cleaning
Function
-  Long Pipe
Length Design
-  200 Pa High
Static Pressure
-  Built-in
Condensate Pump

Learn more
www.tcl.com/au



TCL Specifications of Ducted System

Model No.	R32 7.1KW		R32 8.5KW		R32 10.0KW		R32 12.5KW		R32 14KW		R32 16KW	
Model	TCD71D1HWH-DV		TCD85D1HWH-DV		TCD100D1HWH-DV		TCD125D1HWH-DV		TCD140D1HWH-DV		TCD160D1HWH-DV	
Indoor Unit	TCD71D1HWH-DVI		TCD85D1HWH-DVI		TCD100D1HWH-DVI		TCD125D1HWH-DVI		TCD140D1HWH-DVI		TCD160D1HWH-DVI	
Outdoor Unit	TCD71D1HWH-DVO		TCD85D1HWH-DVO		TCD100D1HWH-DVO		TCD125D1HWH-DVO		TCD140D1HWH-DVO		TCD160D1HWH-DVO	
Type	Heat pump											
Control type	Wired controller standard with 15m cable											
Power supply	Indoor Unit	1 phase, 220-240 V, 50 Hz										
	Outdoor Unit	1 phase, 220-240 V, 50 Hz										
Rated Capacity	Cool(kw)	7.1	8.5	10.5	12.5	14	16					
	Heat(kw)	7.5	10	12.5	15	16.5	19					
Capacity Range	Cool(kw)	3.1-11	3.1-12.3	4.0-12.8	4.0-13.5	4.1-16	4.1-17.8					
	Heat(kw)	3.3-12	3.3-13.5	4.3-15	4.3-15.8	6.0-17.3	6.0-19.2					
Power input (Rated)	Cool(kw)	1.90	2.44	2.48	3.77	3.85	4.86					
	Heat(kw)	1.73	2.52	2.9	3.75	4.2	4.94					
EER	Cool(kw/kw)	3.78	3.48	4.23	3.31	3.64	3.29					
COP	Heat(kw/kw)	4.38	3.96	4.31	4.00	3.96	3.85					
AEER		3.73	3.44	4.19	3.28	3.61	3.27					
ACOP		4.32	3.92	4.27	3.96	3.93	3.83					
TCSPF(Residential)	Hot/Average/Cold	5.4/5.01/5.2	5.14/4.71/4.92	5.55/5.08/5.18	4.71/4.37/4.56	5.23/4.85/5.05	4.77/4.47/4.67					
HSPF(Residential)	Hot/Average/Cold	4.71/4.32/3.95	4.72/4.16/3.65	4.85/4.44/3.91	4.63/4.10/3.52	4.44/4.03/3.6	4.49/3.94/3.45					
Indoor unit												
Dimensions	H x W x D	mm	245x1200x700	245x1200x700	380x1510x945	380x1510x945	380x1510x945	380x1510x945				
Packing dimensions	H x W x D	mm	310x1380x830	310x1380x830	455x1620x1010	455x1620x1010	455x1620x1010	455x1620x1010				
Supply air opening flange	H x W	mm	149x1022	149x1022	245x1152	245x1152	245x1152	245x1152				
Return air opening	H x W	mm	215x1091	215x1091	2x400(Oval)	2x400(Oval)	2x400(Oval)	2x400(Oval)				
Indoor net weight		kg	37	37	66	66	66	66				
Gross weight		kg	42	42	77	77	77	77				
Airflow Rate(H/M/L)		L/S	560/435/275	560/435/275	785/650/460	785/650/460	1120/950/780	1120/950/780				
Sound pressure level@1.5m		dB(A)	44	44	47	47	48	48				
External Static Pressure(Rated)		Pa	25	37	37	50	50	50				
External Static Pressure(Range)		Pa	0-200	0-200	0-200	0-200	0-200	0-200				
Outdoor Unit												
Dimensions	H x W x D	mm	910x804x378	910x804x378	1010x858x436	1010x858x436	1330 x 950 x 340	1330 x 950 x 340				
Packing dimensions	H x W x D	mm	1022x955x480	1022x955x480	1135x970x530	1135x970x530	1465 x 1080 x 430	1465 x 1080 x 430				
Outdoor net weight		kg	53	53	73	73	101	101				
Gross weight		kg	57	57	85	85	107.5	107.5				
Compressor	Type	Rotary										
Sound pressure level	Cooling / Heating	dB(A)	56/57	56/57	57/58	57/58	58/59	58/59				
	Night quiet mode	dB(A)	None	None	54	54	55	55				
Sound power level		dB(A)	67	67	70	70	74	74				
Piping connection	Liquid	mm	ø9.52/3/8"									
	Gas	mm	ø15.88/5/8"									
Refrigerant control		EEV										
Ref. piping	Max length	m	50	50	50	50	75	75				
	Max height difference	m	25	25	30	30	30	30				
Refrigerant	Type	R32										
	Pre-charge pipe length	m	20	20	20	20	20	20				
	Extra charge	g/m	30	30	30	30	30	30				
Cooling temperature	°C	16-50										
Heating temperature	°C	-15-24										
Power supply side		Outdoor unit										

200PA High Static Pressure

With a Sirocco fan turbine, efficient motor and optimised duct design, this system delivers strong, consistent airflow — perfect for larger spaces or long duct runs.



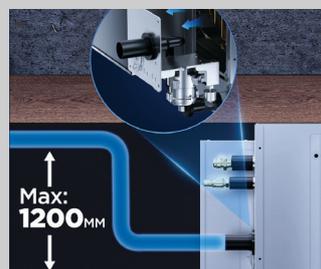
Split Design | Easy Installation

The modular split design—featuring a separate heat exchanger, motor section and fan cover—offers enhanced flexibility and ease of installation, making it ideal for tight or complex spaces.



Built-in Condensate Pump

The built-in condensate pump automatically removes moisture, providing efficient drainage and preventing condensate buildup.



48°C Self-cleaning

The evaporator features a self-cleaning process that includes dewing, frosting, defrosting, drying and 48°C sterilising to eliminate bacteria.

