

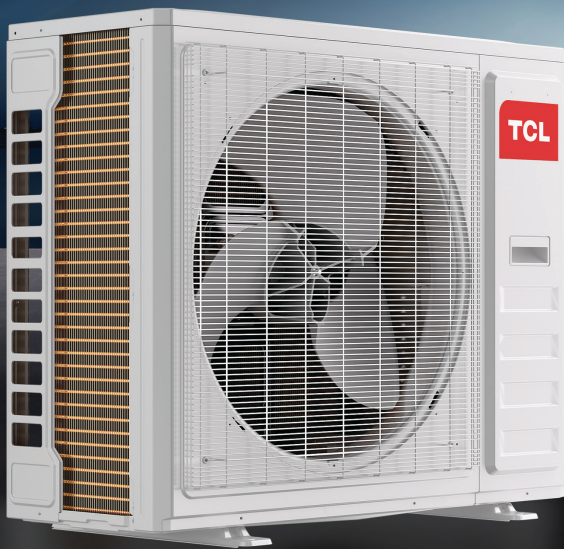
TCL

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



Built-in
Condensate Pump

Learn more
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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-DV	TCD140D1HWH-DVI	TCD160D1HWH-DVI
Outdoor Unit			TCD71D1HWH-DVO	TCD85D1HWH-DVO	TCD100D1HWH-DVO	TCD125D1HWH-DV	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
TCSPP(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 × W × D	mm	245×1200×700	245×1200×700	380×1510×945	380×1510×945	380×1510×945	380×1510×945
Packing dimensions	H × W × D	mm	310×1380×830	310×1380×830	455×1620×1010	455×1620×1010	455×1620×1010	455×1620×1010
Supply air opening flange	H × W	mm	149×1022	149×1022	245×1152	245×1152	245×1152	245×1152
Return air opening	H × W	mm	215×1091	215×1091	2×400(Oval)	2×400(Oval)	2×400(Oval)	2×400(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 × W × D	mm	910×804×378	910×804×378	1010×858×436	1010×858×436	1330 × 950 × 340	1330 × 950 × 340
Packing dimensions	H × W × D	mm	1022×955×480	1022×955×480	1135×970×530	1135×970×530	1465 ×1080 × 430	1465 ×1080 × 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.



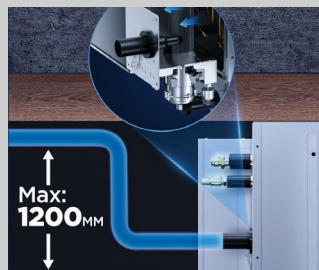
Split Design | Easy Installation

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.



Learn more www.tcl.com/au