

  
The TCL logo consists of the letters 'TCL' in a bold, white, sans-serif font, centered within a red rounded square.

# 2017/18 Air Conditioning

# Why choose TCL?

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The TCL Group was founded in 1981, and has grown from a small factory in Southern China to a rapidly growing international organization.

The TCL Air Conditioning division was established in 1999, and TCL AC products can be found in 188 countries, with 49 of those countries holding strong market share. The company has a range of products including commercial & residential air conditioners, portable air conditioners & dehumidifiers.

TCL AC is renowned for strong investment into R&D and is a leader in technology and innovation, who are continuously finding ways to improve and refine products, providing the most favourable outcome for consumers.

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# Inverter Reverse Cycle Split System AC



## TCLSS09 / TCLSS12 / TCLSS18 / TCLSS24 / TCLSS28 Inverter RC Split System AC

- 5 sizes available – 2.5kW cooling/2.6kW heating, 3.2kW cooling/3.2kW heating, 5kW cooling/5.2kW heating, 7kW cooling/7.5kW heating & 7.8kW cooling/8kW heating
- 10 hour auto power off – after 10 hours of continuous operation
- Accurate thermostat +/- 0.2°C
- Quiet operation
- 24 hour timer
- Dehumidifier function
- LED display
- Swing function
- Auto restart – when unit is switched off, the unit will maintain memory of previous setting and restart from where it left off

**5 YEAR**  
MANUFACTURER  
WARRANTY

**QUIET**  
OPERATION

**ACCURATE**  
THERMOSTAT +/- 0.2 °C

# Split System



Indoor Unit



Outdoor Unit



Remote Control

# Split System



## Specifications

Model No.			TCLSS09	TCLSS12	TCLSS18	TCLSS24	TCLSS28
Type			Outdoor power supply				
Rated cooling capacity	W		2500(1000~3100)	3200(1050~3700)	5000(1500-5700)	7000(2000-8000)	7800(2200-9000)
Rated heating capacity	W		2600(1000~3800)	3200(1050~4500)	5200(1500-6500)	7500(2000-8500)	8000(2400-10000)
AEER for cooling	W/W		4.13	3.77	3.43	3.38	3.43
Energy star for cooling			3.0	3.0	2.00	2.00	2.00
ACOP for heating	W/W		4.43	4.17	3.99	3.41	3.44
Energy star for heating			3.0	3.0	2.00	2.0	1.5
Moisture removal	Liters/h		0.8	1.1	1.00	2.0	2.4
Indoor sound pressure level	High	dB(A)	39	39	46	48	49
	Med.	dB(A)	36	36	43	44	45
	Low	dB(A)	33	33	37	38	38
Outdoor sound power level	dB(A)		51	53	55	58	60
Electrical Data							
Voltage Range	V		165~265	165~265	165~265	165~265	165~265
Rated current	Cooling	A	3.6(1.3~6.0)	4.2(1.3~6.3)	6.7(1.4-10.3)	9.4(1.9-13.5)	10.2(2.6-14.9)
	Heating	A	3.6(1.3~6.7)	4.2(1.3~7.0)	6.9(1.4-10.9)	9.6(1.7-14.5)	11.0(3.1-17.6)
85%Rated current	Cooling	A	/	/	---	---	9.2
Rated input	Cooling	W	675(290~1300)	840(290~1350)	1480(300-2300)	2050 (400-2800)	2350(540-3100)
	Heating	W	680(290~1500)	840(290~1500)	1540(300-2490)	2100(350-2900)	2400(640-3650)
85%Rated input	Cooling	W	/	/	---	---	2000
Max current cooling/heating	A		8.0	8.7	10.3/10.9	13.5/14.5	14.9/17.6
Max input cooling/heating	W		1700	1850	2300/2490	2800/2900	3100/3650
Refrigerating System							
Refrigerant	Gram		R410A/930g	R410A/1020g	R410A/1.4kg	R410A/2.15kg	R410A/2.7kg

# Split System



## Specifications

Model No.			TCLSS09	TCLSS12	TCLSS18	TCLSS24	TCLSS28
<b>Fan System</b>							
Indoor air circulation Cooling/heating		m3/h	650/650	750/750	1050/1050	1400/1550	1450/1550
Indoor fan speed H/M/L	Cooling	rpm	900/850/800	1050/950/900	1150/1050/950	1150/1050/950	1200/1080/950
	Heating	rpm	950/850/800	1050/950/900	1150/1050/950	1150/1050/950	1200/1080/950
	Dry	rpm	800	900	950	950	950
	Sleep	rpm	800	800	950	950	950
Indoor fan motor output		W	30	30	45	55	55
Outdoor fan speed		rpm	860/700	860/700	860/700	800/750/600	800/750/600
Outdoor fan motor output		W	40	40	40	85	85
<b>Connections</b>							
Connecting Pipe	Gas	Inches	3/8"	3/8"	1/2"	5/8"	5/8"
	Liquid	Inches	1/4"	1/4"	1/4"	3/8"	3/8"
<b>Others</b>							
Net dimensions	Indoor	mm	806*292*201	903*292*182	1033*313*202	1186*340*260	1186*340*260
(W x H x D)	Outdoor	mm	760*552*256	760*552*256	780*290*605	900*805*360	900*805*360
Net weight	Indoor	kg	10	11	13	16	16
	Outdoor	kg	32	32	37	60	63
Packing dimensions	Indoor	mm	885*366*278	985*365*298	1103*400*300	1265*415*338	1265*415*338
(W x H x D)	Outdoor	mm	863*361*590	863*361*590	883*412*653	1031*925*447	1031*925*447
Gross weight	Indoor	kg	12	14	18	21	21
	Outdoor	kg	35	35	41	62	65

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# Window Box Reverse Cycle AC





## TCLWB09 / TCLWB14 Window Box Reverse Cycle AC

- 2 sizes available – 2.6kW cooling/2.4kW heating & 4.1kW cooling/3.6kW heating
- 3 fan speeds
- Swing function
- Sleep mode
- Operating temperature 18°C - 31°C
- 24 hour timer
- Remote control

# Window Wall Box



## Specifications

Model No.		TCLWB09	TCLWB14
Rated cooling capacity	kW	2.6	4.1
Rated heating capacity	kW	2.4	3.6
EER / COP	W/W	3.3 / 3.3	3.28 / 3.3
Energy star for cooling	-	1.5	1.5
Energy star for heating	-	2	2
Noise Level	dB(A) (indoor)	47-51	50-54
	dB(A) (outdoor)	55-59	57-61
Power supply	V ~Hz	230V ~50Hz, 1Ph	
Cooling rated power input	W	790	1250
Heating rated power input	W	730	1090
Cooling rated power current	A	3.4	5.4
Heating rated power current	A	3.2	4.7
Cooling Max. input consumption	W	1400	1600
Heating Max. input consumption	W	1000	1400
Cooling Max. current	A	7.1	7.5
Heating Max. current	A	4.9	7.5
Refrigerant	R410a Volume (g)	720	900
Net dimensions	(W x H x Dmm)	600 x 380 x 560	660 x 430 x 680
Net weight	Kg	33	51
Operation temperature	°C	18 to 31	
Ambient temperature cooling	°C	18 to 45	
Ambient temperature heating	°C	7 to 27	
Application area	m <sup>2</sup>	10-18	20-30
Warranty	Domestic use	2 Years	
	Commercial use	1 Year	

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# Portable Air Conditioners



## TCLPAC10 / TCLPAC12 Portable Air Conditioner w/Dehumidifier

- 3kW & 3.5kW cooling capacities
- White finish
- 0-24 hour timer setting with sleep mode
- Dehumidifying function
- Noise level (max): 53dB(A)
- Self evaporative system – no drip tray or hose required
- LED control panel
- Remote control
- Window kit included to suit sash and sliding windows



LED control panel



Fully portable on Castors



**Glen Dimplex Australia Pty Ltd**

Ph: 1300 556 816

Fax: 1800 058 900

Email: [sales@glendimplex.com.au](mailto:sales@glendimplex.com.au)

Web: [www.glendimplex.com.au](http://www.glendimplex.com.au)