



# Air Conditioners

Summer 2019-2020

## About Us

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 our products can be found in 188 countries. Our company has a range of products including commercial & residential air conditioners, portable air conditioners & dehumidifiers.

We are renowned for strong investment into R&D and are a leader in technology and innovation. We 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 Air Conditioners

Models: TCLSS09, TCLSS12, TCLSS18, TCLSS24, TCLSS28

## Features

10 hour auto power off - after 10 hours of continuous use

0 - 24 Hour Timer

Dehumidifying Function

LED Display

Accurate Thermostat

Auto Restart - the unit will restart from the setting that was used last when it was switched off



Remote



Outdoor unit

Model	Cooling	Energy Rating	Heating	Energy Rating
<a href="#">TCLSS09</a>	2.5kW	★★★★☆	2.6kW	★★★★★
<a href="#">TCLSS12</a>	3.2kW	★★★★	3.2kW	★★★★★
<a href="#">TCLSS18</a>	5kW	★★★	5.2kW	★★★★
<a href="#">TCLSS24</a>	7kW	★★	7.5kW	★★★
<a href="#">TCLSS28</a>	7.8kW	★★	8kW	★★★



# Why choose TCL?

## DC Inverter Air Conditioning

### **Precise**

DC Inverter technology maintains the temperature by limiting fluctuation to  $\pm 0.2^{\circ}\text{C}$ .

### **Efficient**

DC Inverter motors reduce the energy consumption in comparison to non-inverter split systems as the motor uses a magnetic force to operate the compressor.

### **Quiet Operation**

DC inverter technology allows our Split System Air Conditioners to operate quieter so you can have them in any room without being disruptive - even bedrooms!

## 5 year domestic warranty

Have added peace of mind with a 5 year domestic warranty on all our Inverter Reverse Cycle Split System models.

# Portable Air Conditioners with Dehumidifier

Models: TCLPAC10, TCLPAC12

## Features

- 0 - 24 Hour Timer Setting with sleep mode
- Dehumidifying Function
- Self Evaporative system - no drip tray or hose required
- LED Control Panel
- Noise level (max): 53dB(A)
- Remote Control
- Window kit included to suit sash or sliding windows
- Fully portable on castors
- Sleep mode

Model	Cooling	Room Size
<a href="#">TCLPAC10</a>	3kW	Up to 22m <sup>2</sup>
<a href="#">TCLPAC12</a>	3.5kW	Up to 25m <sup>2</sup>



Remote



LED Control Panel



# Why choose TCL?

## Self Evaporative System

Our portable air conditioners are equipped with a self evaporative system for cooling. This helps to remove excess condensation by means of evaporating water in the tank and saving you the hassle of having to use a drip tray or drain hose.

## Dehumidifying Function

Removes unwanted moisture that causes the growth of mildew, dust mites and mould that can lead to asthma and allergies.

## Fully portable

Castors allow for the unit to be moved from room to room. Particularly great for those who require spot cooling and those who rent - no installation means it can be taken with you anywhere you go.

## 2 year domestic warranty

Have added peace of mind with a 2 year domestic warranty on our range of Portable Air Conditioners.

# Window/Wall Box Air Conditioners

Models: TCLWB05C, TCLWB07C, TCLWB09C, TCLWB07, TCLWB09, TCLWB14

## Features

Reverse Cycle or Cooling only options

Swing Function

Sleep Mode

Operating temperature 18-31°C

0-24 Hour Timer

Remote control operation



Front View



Remote

## Cooling only

Model	Cooling	Energy Rating	Room Size
<a href="#">TCLWB05C</a>	1.6KW	★★★	Up to 10m <sup>2</sup>
<a href="#">TCLWB07C</a>	2.2kW	★★★★	Up to 15m <sup>2</sup>
<a href="#">TCLWB09C</a>	2.7kW	★★★	Up to 18m <sup>2</sup>

## Reverse Cycle

Model	Cooling	Energy Rating	Heating	Energy Rating	Room Size
<a href="#">TCLWB07</a>	2.2KW	★★★	2.05kW	★★★	Up to 13m <sup>2</sup>
<a href="#">TCLWB09</a>	2.6kW	★★★	2.4kW	★★★	Up to 20m <sup>2</sup>
<a href="#">TCLWB14</a>	4.1kW	★★★	3.6kW	★★★	Up to 30m <sup>2</sup>





# Why choose TCL?

## Wireless Remote Control

Conveniently change the settings and have complete control of the functions of the unit from the comfort of your seat.

## 2 year domestic warranty

Have added peace of mind with a 2 year domestic warranty on our range of Reverse Cycle Window/Wall Box Air Conditioners.

# Specifications

## Split System Air Conditioners

MODEL NO.		TCLSS09	TCLSS12	TCLSS18	TCLSS24	TCLSS28
Barcode Number	#	9420033213184	9420033213214	9420033213245	9420033213276	9420033213306
Cooling Capacity	kW	2.5	3.2	5	7	7.8
Heating Capacity	kW	2.6	3.2	5.2	7.5	8
EER / COP	W/W	4.13 / 4.43	3.77 / 4.17	3.43 / 3.99	3.38 / 3.41	3.43 / 3.44
Energy Star for Cooling	-	3.5	3	2	2	2
Energy Star for Heating	-	4	3.5	3	2	2
Noise Level	dB(A) Indoor	31-41	35-41	42-51	42-49	38-50
	dB(A) Outdoor	51	53	55	60	60

### Electrical Data

Power Supply	V ~/HZ	220-240V ~50Hz				
Running Current	Cooling (A)	3.6 (1.3-6.0)	5.0 (1.3-5.3)	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)	5.0 (1.3-7.6)	6.9 (1.4-10.9)	9.6 (1.7-14.5)	11.0 (3.1-17.6)
Power Input	Cooling (W)	670 (290-1300)	840 (290-1150)	1480 (300-2300)	2050 (400-2800)	2350 (540-3100)
	Heating (W)	680 (290-1500)	840 (290-1400)	1540 (300-2450)	2100 (350-2900)	2400 (640-3650)

### Refrigerating System

Refrigerant	R410A Volume (g)	930	1000	1400	2150	2700
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary

### Connections

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"

### Dimensions

Product Dimensions (W x D x H)	Indoor (mm)	800 x 280 x 183	898 x 280 x 200	1033 x 313 x 202	1186 x 340 x 260	1186 x 340 x 260
	Outdoor (mm)	760 x 551 x 256	760 x 551 x 256	780 x 290 x 605	900 x 805 x 360	900 x 805 x 360
Net Weight	Indoor (kg)	8.5	9.5	12	16	16
	Outdoor (kg)	28	28	36	60	64
Operating Range Limitations	°C	-15 to 52				
Warranty	Domestic Use	5 years				
	Commercial Use	1 year				

## Portable Air Conditioners with Dehumidifier

MODEL NO.		TCLPAC10	TCLPAC12
Barcode Number	#	9420033213498	9420033213504
Cooling Capacity	kW	3	3.5
Heating Capacity	kW	-	-
Operating Temperature	°C	18 to 35	18 to 35
Thermostat Range	°C	18 to 32	18 - 32
Rated Power	kW	1.17	1.3
Dehumidification Capacity	L/hour	1.89	2.57
Noise Level	dB(A)	53	53
Air Volume	m <sup>3</sup> /h	350	350
Refrigerant	R410A (g)	420	590
Timer	hours	0-24	0-24
Product Dimensions (W x D x H)	mm	270 x 480 x 700	270 x 480 x 700
Min. Room Size	m <sup>2</sup>	10	10
Max. Room Size	m <sup>2</sup>	22	25
Weight (net)	kg	26	26
Warranty	Domestic Use	2 years	
	Commercial Use	1 year	

## Window/Wall Box Air Conditioner

MODEL NO.		TCLWB05C	TCLWB07C	TCLWB09C	TCLWB07	TCLWB09	TCLWB14
Barcode Number	#	9420033213672	9420033213689	9420033214136	9420033214129	9420033213337	9420033213344
Cooling Capacity	kW	1.6	2.2	2.7	2.2	2.6	4.1
Heating Capacity	kW	-	-	-	2.05	2.4	3.6
EER / COP	W / W	3.20	3.25	3.25	3.2 / 3.28	3.3 / 3.3	3.28 / 3.3
Energy Star for Cooling	-	1.5	2	1.5	1.5	1.5	1.5
Energy Star for Heating	-	-	-	-	2	2	2
Noise Level	dBA (indoor)	50-54	51-55	47-54	51-55	47-51	50-54
	dBA (outdoor)	62	62	55-61	62	55-59	57-61
Power Supply	V ~/Hz	230V ~ 50Hz, 1Ph					
Cooling rated power input	W	500	648	830	680	790	1250
Heating rated power input	W	-	-	-	600	730	1090
Cooling rated current	A	2.16	2.8	3.7	3.01	3.4	5.4
Heating rated current	A	-	-	-	2.65	3.2	4.7
Cooling Max. input consumption	W	620	683	1400	1200	1400	1600
Heating Max. input consumption	W	-	-	-	800	1000	1400
Cooling Max. current	A	3.1	3.66	7.1	5.7	7.1	7.5
Heating Max. current	A	-	-	-	4.5	4.9	7.5
Refrigerant	R410A Volume (g)	320	440	520	710	720	900
Net Dimensions	(W x D x Hmm)	470 x 501 x 356	600 x 560 x 380	600 x 560 x 380	600 x 560 x 380	600 x 560 x 380	660 x 680 x 430
Net Weight	kg	25	30	33	32	33	51
Recommended cut-out size	(W x Hmm)	553 x 425	687 x 420	687 x 420	687 x 420	687 x 420	740 x 468
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>	8-11	9-13	10-18	9-13	10-18	20-30
Warranty	Domestic Use	2 years					
	Commercial Use	1 year					

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