

TCL AC

ELITE SERIES

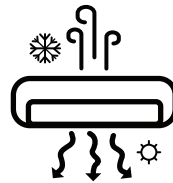


RAPID COOLING | RADIANT WARMTH



FAST COOLING AND COZY WARMTH

A high frequency compressor ensures more rapid comfort – air is delivered down to 65°F within just 30 seconds, or up to 104°F within just 60 seconds. Turn on, tailor your temperature, and enjoy quicker refreshment.



SMART AIR FLOW

An innovative air conditioning system ensures cool air is directed upwards, for a wide reaching, 'shower-style' refreshment. Warm air is blown downwards, to deliver a more immersive 'blanket-style' air flow. Air is distributed more evenly – avoiding hot and stuffy, or extreme cold distribution.



iFEEL

iFeel mode enables environmental temperature to be taken directly via a sensor built into the remote. Relax in more comfort, with high precision in-room readings and air delivery.



CONTROL ON-THE-GO

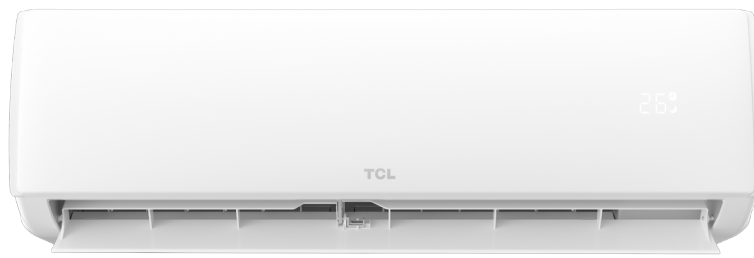
Smart App connectivity enables pre-setting room temperature and on/off timers for total control while on the move. Return home in superior comfort or turn off remotely.



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With a lineup of award-winning televisions, audio products, mobile devices, and HVAC products, TCL delivers meaningful experiences through thoughtful design and the latest technology, helping you enjoy more of the things you love.



MODEL NUMBER - IDU			H09SEH19BAE	H12SEH19BAE	H09SEH19XAE	H12SEH19XAE	H18SEH19XAE	H24SEH19XAE	H36SEH19XAE
MODEL NUMBER - ODU			H09SEH19BAC	H12SEH19BAC	H09SEH19XAC	H12SEH19XAC	H18SEH19XAC	H24SEH19XAC	H36SEH19XAC
System Type			Heat Pump						
SYSTEM PERFORMANCE									
AHRI Certificate			215387250	215387251	215387252	215387253	215387254	215387255	215387256
Cooling at 95°F (35°C)	Capacity	BTU/h	9,000	12,000	9,000	12,000	18,000	24,000	36,000
	Rated Input Power	W	750	1,050	750	1,050	1,700	2,080	3,850
	Rated Current	A	6.8	9.5	3.4	4.8	7.7	9.4	17.4
	SEER2 / EER2		19 / 11.7	20.5 / 10.5	20/12	23 / 11.2	21 / 11	21 / 11	19 / 9
Heating at 47°F (8.3°C)	Capacity	BTU/h	10,000	12,600	10,000	12,600	19,000	24,600	36,000
	Rated Input Power	W	750	1,030	750	1,030	1,530	1,800	3,350
	Rated Current	A	6.8	9.3	3.4	4.7	6.9	8.2	15.2
	HSPF2 / COP		9.5 / 3.81	9.5 / 3.41	10 / 3.81	9.5 / 3.4	9.5 / 3.4	9.5 / 3.5	9 / 3.15
Heating at 17°F (-8.3°C)	Rated Capacity	BTU/h	5,800	7,500	5,800	7,400	11,000	15,600	21,800
Heating at 5°F (-15°C)	Max. Capacity	BTU/h	7,300	8,500	7,400	8,500	12,500	16,400	20,400
	COP		2.0	1.8	2.1	1.8	1.8	2.1	2.1
ENERGY STAR® Certified			YES	NO	YES	NO	NO	NO	NO
ENERGY STAR® with Cold Climate			YES	NO	YES	NO	NO	NO	NO
NEEP			YES	NO	YES	NO	NO	NO	NO
Ambient Temperature Range	Cooling	°F (°C)	5 - 122 (-15 - 50)	5 - 122 (-15 - 50)	5 - 122 (-15 - 50)	5 - 122 (-15 - 50)	5 - 122 (-15 - 50)	5 - 122 (-15 - 50)	5 - 122 (-15 - 50)
	Heating	°F (°C)	-4 - 86 (-20 - 30)	-4 - 86 (-20 - 30)	-4 - 86 (-20 - 30)	-4 - 86 (-20 - 30)	-4 - 86 (-20 - 30)	-4 - 86 (-20 - 30)	-4 - 86 (-20 - 30)
ELECTRICAL									
Power Supply			115V / 1Ph / 60Hz			208 - 230V / 1Ph / 60Hz			
Voltage Range (Min - Max)		V	103 - 127			187 - 253			
Min. Circuit Ampacity - MCA		A	16	17	10	11	12	17	18
Max. Circuit Breaker (MOCP)		A	25	25	15	15	20	25	30
Max. FUSE Size		A	25	25	15	15	20	25	30
Main Power Wire Size		AWG	Per Local Code						
Connection Wiring		AWG	16AWG*4 Stranded, unshielded, TC-ER Type						
REFRIGERANT PIPING									
Refrigerant Type / Charged		oz	R454b / 23.28	R454b / 30.34	R454b / 23.28	R454b / 30.34	R454b / 35.27	R454b / 45.15	R454b / 55.73
Pre-Charge Length Total		ft (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)
Additional Charge		oz/ft	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Design Pressure		PSIG	725	725	725	725	725	725	725
Line Set Sized (Liquid - Gas)		in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8
Line Set Length (Min - Max)		ft (m)	10 - 65 (3 - 20)	10 - 65 (3 - 20)	10 - 65 (3 - 20)	10 - 65 (3 - 20)	10 - 82 (3 - 25)	10 - 98 (3 - 30)	10 - 115 (3 - 35)
Max. Pipe Elevation		ft (m)	33 (10)	33 (10)	33 (10)	33 (10)	50 (15)	65 (20)	82 (25)
INDOOR UNIT DATA									
Indoor Motor Type			AC	DC	AC	DC	DC	DC	DC
Thermostat type			Wireless Remote Controller with Wi-Fi® (Built-in Voice Control via Smart Speakers by Google Assistant or Amazon Alexa)						
Air Flow (Min-Max)		CFM	205 - 344	205 - 344	205 - 344	205 - 344	283 - 515	403 - 673	412 - 847
Sound Pressure Level (Min-Max)		dB(A)	28 - 44	27 - 45	28 - 44	27 - 45	32 - 51	35 - 54	36 - 55
External Dimensions (W x H x D)		in	31 15/16 x 11 1/2 x 8 1/16	31 15/16 x 11 1/2 x 8 1/16	31 15/16 x 11 1/2 x 8 1/16	31 15/16 x 11 1/2 x 8 1/16	39 3/4 x 12 3/8 x 8 11/16	46 7/8 x 14 3/16 x 10 1/4	46 7/8 x 14 3/16 x 10 1/4
		mm	811x 292 x 203	811x 292 x 203	811x 292 x 203	811x 292 x 203	1010 x 315 x 220	1191 x 360 x 258	1191 x 360 x 258
Package Dimensions (W x H x D)		in	33 1/16 x 10 1/4 x 12 3/8	33 1/16 x 10 1/4 x 12 3/8	33 1/16 x 10 1/4 x 12 3/8	33 1/16 x 10 1/4 x 12 3/8	43 1/5 x 11 7/10 x 15 7/20	49 5/8 x 12 15/16 x 16 15/16	49 5/8 x 12 15/16 x 16 15/16
		mm	840 x 260 x 315	840 x 260 x 315	840 x 260 x 315	840 x 260 x 315	1096 x 297 x 390	1260 x 328 x 430	1260 x 328 x 430
Weight (Net / Gross)		lbs	19.8 / 26.5	19.8 / 26.5	19.8 / 26.5	19.8 / 26.5	27.6 / 33.7	36.4 / 43	39.7 / 48.5
		kgs	9 / 12	9 / 12	9 / 12	9 / 12	12.5 / 15.3	16.5 / 19.5	18 / 22
OUTDOOR UNIT DATA									
Compressor Type			Inverter						
Motor Type			DC						
Throttle type			Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	EXV
Air Flow (Max.)		CFM	1,120	1,120	1,120	1,120	1,430	1,950	2,100
Sound Pressure Level		dB(A)	54	55	54	55	55	58	63
External Dimensions (W x H x D)		in	31 x 19 5/8 x 11 7/16	31 x 19 5/8 x 11 7/16	31 x 19 5/8 x 11 7/16	31 x 19 5/8 x 11 7/16	34 x 23 11/16 x 13 3/4	36 1/2 x 27 1/2 x 14 15/16	38 1/2 x 31 5/8 x 16 9/16
		mm	787 x 498 x 290	787 x 498 x 290	787 x 498 x 290	787 x 498 x 290	863 x 602 x 349	927x 699 x 380	978 x 803 x 421
Package Dimensions (W x H x D)		in	33 x 21 1/4 x 13 5/16	33 x 21 1/4 x 13 5/16	33 x 21 1/4 x 13 5/16	33 x 21 1/4 x 13 5/16	35 7/16 x 25 3/8 x 15 15/16	37 13/16 x 28 13/16 x 16 15/16	40 1/4 x 32 7/8 x 18 7/8
		mm	838 x 540 x 338	838 x 540 x 338	838 x 540 x 338	838 x 540 x 338	900 x 645 x 405	960 x 732 x 430	1022 x 835 x 480
Weight (Net / Gross)		lbs	51.4 / 55.8	55.1 / 59.5	48.9 / 53.4	55.1 / 59.5	69.9 / 76.5	88.2 / 94.8	105.8 / 114.6
		kgs	23.3 / 25.3	25 / 27	22.2 / 24.2	25 / 27	31.7 / 34.7	40 / 43	48 / 52
LIMITED WARRANTY									
5 Years Parts, 7 Years Compressor Limited Warranty / 10 Years Warranty with Registration within 60 Days of Installation									

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