

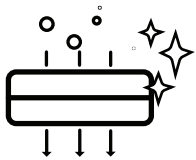
# TCL AC

## BREEZEIN SERIES

*Up to 24 SEER2*



GENTLE BREEZE | SELF CLEANING | EXTREME COOLING



### EASY FILTER CLEANING

The top cover filter can be easily removed and put back. There is no need to open up the front panel. The high-density filter captures the finest dust particles in the air, along with the 6-in-1 healthy filter that can eliminate harmful substances.



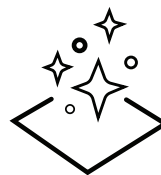
### SELF DIAGNOSIS FEATURE

Proactively identifies potential issues and notifies you with a code displayed on the control panel.



### SMART CONTROL COMPATIBLE WITH GOOGLE HOME AND ALEXA

Upgrade your home to a truly smart ecosystem with our smart BreezeIN AC. Connect it to your smart TV, smartphone, or Alexa soundbar through TCL HOME or Google Assistant for hands-free voice control & convenient remote control.



### DEEP SELF-CLEANING AND STERILIZATION

From dewing, frosting, defrosting, drying and sterilizing, deep clean utilizes water molecules in the air to clean away dust, dirt, and other impurities.



# TCL

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. For more info: [hvacsales@tcl.com](mailto:hvacsales@tcl.com) [www.tcl.com/hvac](http://www.tcl.com/hvac)



MODEL NUMBER - IDU			H09S BH23BPE	H12SBH22BPE	H09S BH23XPE	H12SBH23XPE	H18SBH22XPE	H24SBH20XPE
MODEL NUMBER - ODU			H09S BH23BPC	H12SBH22BPC	H09S BH23XPC	H12SBH23XPC	H18SBH22XPC	H24SBH20XPC
SYSTEM TYPE								
Heat Pump								
SYSTEM PERFORMANCE								
AHRI Certificate			215387257	215387258	215387259	215387260	215387261	215387262
Cooling at 95°F (35°C)	Rated Capacity	BTU/h	9,000	12,000	9,000	12,000	18,000	23,000
	Rated Input Power	W	700	960	680	930	1,390	1,860
	Rated Current	A	6.1	8.3	3	4.2	6.2	8.3
	SEER2 / EER2		24 / 13	23 / 13	24 / 13	24 / 13	23 / 12.5	23 / 12
Heating at 47°F (8.3°C)	Rated Capacity	BTU/h	10,000	12,400	10,000	12,600	19,000	25,000
	Rated Input Power	W	730	890	730	890	1,360	2,000
	Rated Current	A	6.5	8	3.3	4	6.1	9
	HSPF2 / COP		10 / 3.81	10 / 3.81	10 / 3.81	10 / 3.81	9.5 / 3.81	9.5 / 3.41
Heating at 17°F (-8.3°C)	Rated Capacity	BTU/H	6,200	7,800	5,800	8,100	11,000	14,000
Heating at 5°F (-15°C)	Max. Capacity	BTU/h	7,500	8,900	7,100	9,100	13,600	18,600
	COP		2.1	2.1	2.1	2.1	1.8	1.8
ENERGY STAR® Certified			YES	YES	YES	YES	YES	YES
cc ENERGY STAR® Certified			YES	YES	YES	YES	YES	YES
NEEP			YES	YES	YES	YES	YES	YES
CEE Tier			1	1	1	1	1	1
Potential Eligibility for IRA Tax Credit			YES - Both	YES - Both	YES - Both	YES - Both	YES - Both	YES - Both
Ambient Temperature Range	Cooling	°F (°C)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)
	Heating	°F (°C)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 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	18	10	10	12	17
Max. Circuit Breaker (MOCP)		A	25	25	15	15	20	30
Max. FUSE Size		A	25	25	15	15	20	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 / 25.04	R454b / 35.27	R454b / 25.04	R454b / 35.27	R454b / 45.5	R454b / 55.03
Pre-Charge Length Total		ft (m)	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
Design Pressure		PSIG	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 - 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)
Maximum Pipe Elevation		ft (m)	33 (10)	33 (10)	33 (10)	33 (10)	50 (15)	65 (20)
INDOOR UNIT DATA								
Indoor Motor Type			DC					
Thermostat type			Wireless Remote Controller with Wi-Fi* (Built-in Voice Control via Smart Speakers by Google Assistant or Amazon Alexa)					
Air Flow (Hi/Mi/Lo)		CFM	283/235/188	471/382/294	283/235/188	471/382/294	676/529/423	676/529/423
Sound Pressure Level (Min - Max)		dB(A)	24 - 44	25 - 44	24 - 44	25 - 44	33 - 49	32 - 49
External Dimensions (W x H x D)	in	32 1/4 x 12 1/16 x 7 11/16	36 1/4 x 12 1/16 x 7 11/16	32 1/4 x 12 1/16 x 7 11/16	36 1/4 x 12 1/16 x 7 11/16	43 5/16 x 13 1/8 x 8 3/4	43 5/16 x 13 1/8 x 8 3/4	
	mm	820 x 306 x 195	920 x 306 x 195	820 x 306 x 195	920 x 306 x 195	1100 x 333 x 222	1100 x 333 x 222	
Package Dimensions (W x H x D)	in	35 1/16 x 14 15/16 x 10 7/16	39 x 14 15/16 x 10 7/16	35 1/16 x 14 15/16 x 10 7/16	39 x 14 15/16 x 10 7/16	45 7/8 x 15 15/16 x 11 5/8	45 7/8 x 15 15/16 x 11 5/8	
	mm	890 x 380 x 265	990 x 380 x 265	890 x 380 x 265	990 x 380 x 265	1165 x 405 x 295	1165 x 405 x 295	
Weight (Net / Gross)	lbs	20.7 / 25.1	23.1 / 30.9	20.7 / 25.1	23.1 / 30.9	30.9 / 35.3	30.9 / 35.3	
	kgs	9.4 / 11.4	10.5 / 14	9.4 / 11.4	10.5 / 14	14 / 16	14 / 16	
OUTDOOR UNIT DATA								
Compressor Type			Inverter					
Motor Type			DC					
Throttle type			Capillary					
Air Flow (Max)		CFM	1,170	1,170	1,170	1,170	1,890	2,100
Sound Pressure Level		dB(A)	51	53	51	53	54	59
External Dimensions (W x H x D)	in	31 7/8 x 21 5/8 x 12	31 7/8 x 21 5/8 x 12	31 7/8 x 21 5/8 x 12	31 7/8 x 21 5/8 x 12	36 1/2 x 27 1/2 x 14 15/16	38 1/2 x 31 5/8 x 16 9/16	
	mm	810 x 549 x 305	810 x 549 x 305	810 x 549 x 305	810 x 549 x 305	927x699x380	978x803 x 421	
Package Dimensions (W x H x D)	in	33 9/16 x 23 5/8 x 14 1/8	33 9/16 x 23 5/8 x 14 1/8	33 9/16 x 23 5/8 x 14 1/8	33 9/16 x 23 5/8 x 14 1/8	37 13/16 x 28 13/16 x16 15/16	40 1/4 x 32 7/8 x 18 7/8	
	mm	852x600 x 358	852x600 x 358	852x600 x 358	852x600 x 358	960 x 732 x 430	1022 x835 x 480	
Weight (Net / Gross)	lbs	53.6 / 60.4	58.4 / 69.4	52.7 / 59.7	58.4 / 69.4	86 / 93	104.7 / 125.7	
	kgs	24.3 / 27.4	26.5 / 31.5	23.9 / 27.1	26.5 / 31.5	39 / 42.2	47.5 / 57	
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 days of Installation.					

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