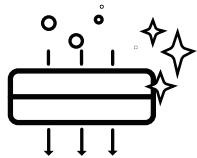


TCL AC

BREEZEIN SERIES



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.



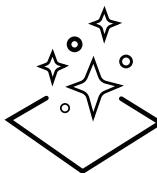
T-AL ENERGY SAVINGS

The AI energy-saving technology relies on data gathered from indoor temperature fluctuations. This enables the compressor to proactively adjust its operation frequency, allocating most of the cooling power towards temperature regulation rather than unnecessary dehumidification and over cooling.



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.



MODEL NUMBER - IDU	H09SBH23BPE	H12SBH22BPE	H09SBH23XPE	H12SBH23XPE	H18SBH22XPE	H24SBH20XPE
MODEL NUMBER - ODU	H09SBH23BPC	H12SBH22BPC	H09SBH23XPC	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
	Rated Input Power	W	700	960	680	930
	Rated Current	A	6.1	8.3	3	4.2
	SEER2 / EER2		24 / 13	23 / 13	24 / 13	23 / 12.5
Heating at 47°F (8.3°C)	Rated Capacity	BTU/h	10,000	12,400	10,000	12,600
	Rated Input Power	W	730	890	730	890
	Rated Current	A	6.5	8	3.3	4
	HSPF2 / COP		10 / 3.81	10 / 3.81	10 / 3.81	9.5 / 3.81
Heating at 17°F (-8.3°C)	Rated Capacity	BTU/H	6,200	7,800	5,800	8,100
Heating at 5°F (-15°C)	Max. Capacity	BTU/h	7,500	8,900	7,100	9,100
	COP		2.1	2.1	2.1	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	2	2	2	2	2	2
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)
	Heating °F (°C)	-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	97 - 133		165 - 265		
Min. Circuit Ampacity - MCA	A	16	18	10	10	12
Ma½ Circuit Breaker (MOCP)	A	25	25	15	15	20
Ma½ FUSE Size	A	25	25	15	15	20
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
Pre-Charge Length Total	ft (m)	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
Design Pressure	PSIG	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
Line Set Length (Min - Max)	ft (m)	10 - 65 (3 - 20)	10 - 65 (3 - 20)	10 - 65 (3 - 20)	10 - 65 (3 - 20)	10 - 98 (3 - 30)
Maximum Pipe Elevation	ft (m)	33 (10)	33 (10)	33 (10)	33 (10)	50 (15)
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
Sound Pressure Level (Min - Max)	dB(A)	24 - 44	25 - 44	24 - 44	25 - 44	33 - 49
External Dimensions (W ½ H ½ D)	in	32 1/4 ½ 12 1/16 ½ 7 11/16	36 1/4 ½ 12 1/16 ½ 7 11/16	32 1/4 ½ 12 1/16 ½ 7 11/16	36 1/4 ½ 12 1/16 ½ 7 11/16	43 5/16 ½ 13 1/8 ½ 8 3/4
	mm	820 ½ 306 ½ 195	920 ½ 306 ½ 195	820 ½ 306 ½ 195	920 ½ 306 ½ 195	1100 ½ 333 ½ 222
Package Dimensions (W ½ H ½ D)	in	35 1/16 ½ 14 15/16 ½ 10 7/16	39 ½ 14 15/16 ½ 10 7/16	35 1/16 ½ 14 15/16 ½ 10 7/16	39 ½ 14 15/16 ½ 10 7/16	45 7/8 ½ 15 15/16 ½ 11 5/8
	mm	890 ½ 380 ½ 265	990 ½ 380 ½ 265	890 ½ 380 ½ 265	990 ½ 380 ½ 265	1165 ½ 405 ½ 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
	kgs	9.4 / 11.4	10.5 / 14	9.4 / 11.4	10.5 / 14	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
Sound Pressure Level	dB(A)	51	53	51	53	54
External Dimensions (W ½ H ½ D)	in	31 7/8 ½ 21 5/8 ½ 12	31 7/8 ½ 21 5/8 ½ 12	31 7/8 ½ 21 5/8 ½ 12	31 7/8 ½ 21 5/8 ½ 12	38 1/2 ½ 31 5/8 ½ 16 9/16
	mm	810 ½ 549 ½ 305	810 ½ 549 ½ 305	810 ½ 549 ½ 305	810 ½ 549 ½ 305	927x699x380
Package Dimensions (W ½ H ½ D)	in	33 9/16 ½ 23 5/8 ½ 14 1/8	33 9/16 ½ 23 5/8 ½ 14 1/8	33 9/16 ½ 23 5/8 ½ 14 1/8	33 9/16 ½ 23 5/8 ½ 14 1/8	40 1/4 ½ 32 7/8 ½ 18 7/8
	mm	852 ½ 600 ½ 358	852 ½ 600 ½ 358	852 ½ 600 ½ 358	852 ½ 600 ½ 358	960 ½ 732 ½ 430
Weight (Net / Gross)	lbs	53.6 / 60.4	58.4 / 69.4	52.7 / 59.7	58.4 / 69.4	86 / 93
	kgs	24.3 / 27.4	26.5 / 31.5	23.9 / 27.1	26.5 / 31.5	39 / 42.2
LIMITED WARRANTY	5 Years Parts, 7 Years Compressor Limited Warranty/10 Year Warranty with Registration within 60 Days of Installation					