

**TCL AC**

**MULTI MATCH  
HVAC BROCHURE**

# TCL AC

## MULTI MATCH SERIES PRODUCTS



REACH EVERY CORNER OF YOUR HOME



### FULL DC DESIGN

DC inverter compressor and motor ensure increased energy savings and reliability of the system.



### SMART DEFROSTING

Precision defrost sensor accurately determines defrost cycle duration allowing the system to provide heat when you need it most.



### WIDE TEMPERATURE OPERATION

Standard base pan heater ensures reliable heating operation down from -13°F to 86°F and cooling from 5°F to 133°F.



### MULTIPLE PROTECTIONS

Voltage Protection-Overheating Protection-Temperature Protection-Overcurrent Protection-Loss Phase Protection



### REFRIGERANT LEAKAGE PROTECTION

If a refrigerant leak occurs, the unit will shut down to prevent further damage to the system.



### HOTEL MODE (OPTIONAL)

The AC can be controlled automatically based on the status of doors or windows being opened or closed, and through the fire alarm system for emergency management.



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Multi Zone Universal Outdoor						
MODEL NUMBER			H18FMH22XPC	H27FMH22XPC	H36FMH21XPC	H42FMH20XPC
System Type			Heat Pump			
Number of Zones			2	2 - 3	2 - 4	2 - 5
SYSETEM PERFORMANCE (Non-Ducted Indoor Units)						
AHRI Certificate			215387263	215387264	215387265	215387266
Cooling at 95°F (35°C)	Capacity (Min - Max)	BTU/h	18,000 (4,400 - 20,500)	27,000 (5,900 - 31,000)	35,000 (6,900 - 37,000)	42,000 (8,700 - 47,000)
	Rated Input Power	W	1,400	2,160	2,750	3,400
	Rated Current	A	6.1	9.4	12	14.8
	SEER2 / EER2		24 / 13	24 / 12	22.5 / 12	22 / 12
Heating at 47°F (8.3°C)	Capacity (Min - Max)	BTU/h	20,000 (4,400 - 23,200)	28,000 (5,900 - 33,500)	36,000 (6,900 - 41,000)	42,000 (8,700 - 47,000)
	Rated Input Power	W	1,500	2,100	2,750	3,200
	Rated Current	A	6.5	9.1	12	13.9
	HSPF2 / COP		10 / 3.5	10 / 3.5	9.5 / 3.5	9.5 / 3.5
Heating at 17°F (-8.3°C)	Rated Capacity	BTU/H	17,400	19,500	22,400	29,400
Heating at 5°F (-15°C)	Rated Capacity	BTU/h	15,800	19,800	25,400	30,000
	COP		2	2	2	2
ENERGY STAR ®			YES	YES	YES	YES
ENERGY STAR ® with Cold Climate			YES	YES	YES	YES
SYSETEM PERFORMANCE (Ducted Indoor Units)						
AHRI Certificate			215387267	215387268	215387269	215387270
Cooling at 95°F (35°C)	Capacity (Min - Max)	BTU/h	17,000 (4,400 - 20,500)	27,000 (5,900 - 31,000)	34,000 (6,900 - 37,000)	41,000 (8,700 - 47,000)
	Rated Input Power	W	1,460	2,250	2,870	3,550
	Rated Current	A	6.4	9.8	12.5	15.4
	SEER2 / EER2		21 / 12	22 / 12	20 / 11.7	20 / 11.7
Heating at 47°F (8.3°C)	Capacity (Min - Max)	BTU/h	19,000 (4,400 - 23,200)	27,000 (5,900 - 33,500)	36,000 (6,900 - 41,000)	42,000 (8,700 - 47,000)
	Rated Input Power	W	1,560	2,190	2,870	3,350
	Rated Current	A	6.8	9.5	12.5	14.6
	HSPF2 / COP		9.5 / 3.5	9 / 3.4	8.5 / 3.2	8.5 / 3.2
Heating at 17°F (-8.3°C)	Rated Capacity	BTU/H	17,400	19,500	22,400	29,400
Heating at 5°F (-15°C)	Rated Capacity	BTU/h	16,000	19,000	25,200	30,400
	COP		1.9	1.9	1.9	1.9
ENERGY STAR ®			YES	YES	YES	YES
ENERGY STAR ® with Cold Climate			YES	YES	YES	YES
SYSETEM PERFORMANCE (Mixed Ducted & Non-Ducted Indoor Units)						
Cooling at 95°F (35°C)	Capacity (Min - Max)	BTU/h	17,500 (4,400 - 20,500)	27,000 (5,900 - 31,000)	34,500 (6,900 - 37,000)	41,500 (8,700 - 47,000)
	SEER2 / EER2		22.5 / 12.5	23 / 12	21 / 11.7	21 / 11.7
Heating at 47°F (8.3°C)	Capacity (Min - Max)	BTU/h	19,500 (4,400 - 23,200)	27,500 (5,900 - 33,500)	36,000 (6,900 - 41,000)	42,000 (8,700 - 47,000)
	HSPF2 / COP		9.8 / 3.5	9.5 / 3.4	9 / 3.4	9 / 3.4
ENERGY STAR ®			YES	YES	YES	YES
ENERGY STAR ® with Cold Climate			YES	YES	YES	YES
ELECTRICAL						
Power Supply			208-230V / 1Ph / 60Hz			
Voltage Range (Min - Max)			187 - 253			
Min. Circuit Ampacity - MCA		A	16	18	22	28
Max. Circuit Breaker (MOPA)		A	25	30	35	45
Max. FUSE Size		A	25	30	35	45
Main Power Wire Size		AWG	Per Local Code			
Connection Wiring		AWG	16AWG*4 Stranded, unshielded, TC-ER Type			
Communication Protocol Btwn. IDU & ODU			Current Loop			
REFRIGERANT PIPING						
Refrigerant Type / Charged		oz	R454b / 60.01	R454b / 77.66	R454b / 98.84	R454b / 120.02
Pre-Charge Length Total		ft (m)	49 (15)	74 (22.5)	98 (30)	123 (37.5)
Additional Charge	6.35mm 1/4" liquid pipe	oz/ft	0.11	0.11	0.11	0.11
	9.52mm 3/8" liquid pipe	oz/ft	0.22	0.22	0.22	0.22
Design Pressure		PSIG	725	725	725	725
Port Size (Liquid - Gas)		in	2 x 1/4 - 3/8	3 x 1/4 - 3/8	4 x 1/4 - 3/8	5 x 1/4 - 3/8
Lineset Length (Max) - Each		ft (m)	82 (25)	98 (30)	98 (30)	98 (30)
Lineset Length (Max) - Total		ft (m)	131 (40)	197 (60)	263 (80)	295 (90)
Max. Line Set Height Difference Btwn. ODU & Furthest IDU		ft (m)	49 (15)	49 (15)	49 (15)	49 (15)
Max. Line Set Height Difference Btwn. IDU		ft (m)	33 (10)	33 (10)	33 (10)	33 (10)
OUTDOOR UNIT DATA						
Refrigerant Type			R454b			
Throttle Type			Capillary +EXV			
Compressor & Motor Type			INVERTER, DC			
Air Flow		CFM	1,471	1,647	1,882	2,000
Sound Pressure Level		dB(A)	58	62	65	65
Cooling Temperature Range		°F (°C)	5 ~ 133 (-15 ~ 55)	5 ~ 133 (-15 ~ 55)	5 ~ 133 (-15 ~ 55)	5 ~ 133 (-15 ~ 55)
Heating Temperature Range		°F (°C)	-13 ~ 86 (-25 ~ 30)	-13 ~ 86 (-25 ~ 30)	-13 ~ 86 (-25 ~ 30)	-13 ~ 86 (-25 ~ 30)
External Dimensions (W x H x D)		in	36 1/2 x 27 1/2 x 14 15/16	38 1/2 x 31 5/8 x 16 9/16	42 11/25 x 31 5/8 x 18 1/2	42 11/25 x 31 5/8 x 18 1/2
		mm	927 x 699 x 380	978 x 803 x 421	1074 x 853 x 468	1074 x 853 x 468
Package Dimensions (W x H x D)		in	37 13/16 x 28 13/16 x 16 15/16	40 1/4 x 32 7/8 x 18 7/8	44 11/16 x 38 3/16 x 20 7/8	44 11/16 x 38 3/16 x 20 7/8
		mm	960 x 732 x 430	1022 x 835 x 480	1135 x 970 x 530	1135 x 970 x 530
Weight (Net / Gross)		lbs	92.6 / 99.2	119 / 127.9	145.5 / 169.8	174.2 / 198.4
		kgs	42 / 45	54 / 58	66 / 77	79 / 90
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor Limited Warranty / 10 Years Warranty with Registration within 60 Days of Installation			



## MULTI MATCH SPECIFICATIONS

### 18,000 BTU DUAL ZONE Condenser Combinations:

One Unit	Two Units
9	9+9
12	9+12
	12+12

### 27,000 BTU TRI ZONE Condenser Combinations:

One Unit	Two Units		Three Units	
NA	9+9	12+12	9+9+9	9+12+12
NA	9+12	12+18	9+9+12	12+12+12
	9+18	18+18	9+9+18	

### 36,000 BTU QUAD ZONE Condenser Combinations:

One Unit	Two Units		Three Units		Four Units	
NA	9+18	12+24	9+9+9	9+12+24	9+9+9+9	9+9+12+18
NA	9+24	18+18	9+9+12	9+18+18	9+9+9+12	9+12+12+12
	12+12	18+24	9+9+18	12+12+12	9+9+9+18	12+12+12+12
	12+18	24+24	9+9+24	12+12+18	9+9+12+12	
			9+12+12	12+12+24		
			9+12+18	12+18+18		

### 42,000 BTU FIVE ZONE Condenser Combinations:

One Unit	Two Units		Three Units		Four Units		Five Units	
NA	9+24	18+18	9+9+18	12+12+12	9+9+9+9	9+12+12+12	9+9+9+9+9	9+9+9+12+24
NA	12+24	18+24	9+9+24	12+12+18	9+9+9+12	9+12+12+18	9+9+9+9+12	9+9+12+12+12
		24+24	9+12+12	12+12+24	9+9+9+18	9+12+12+24	9+9+9+9+18	9+9+12+12+18
			9+12+18	12+18+18	9+9+9+24	9+12+18+18	9+9+9+9+24	9+12+12+12+12
			9+12+24	12+18+24	9+9+12+12	12+12+12+12	9+9+9+12+12	12+12+12+12+12
			9+18+18	12+24+24	9+9+12+18	12+12+12+18	9+9+9+12+18	
			9+18+24	18+18+18	9+9+12+24	12+12+12+24		
			9+24+24	18+18+24	9+9+18+18	12+12+12+24		
					9+9+18+24	12+12+18+18		

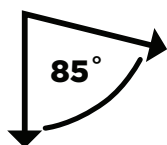


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## MULTI ZONE UNIT CEILING CASSETTE

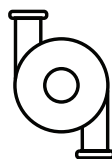


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### WIDE RANGE OF SWING ANGLES

Vertical louvers from 0-85 degrees, allowing proper airflow to the room.



### 47 INCH LIFT PUMP

Built in pump provides up to 47 inches of lift for proper condensate drainage.



### EASY TO CLEAN FILTER

An easily accessible filter allows for quick maintenance and efficient operation.



### WATER-FILLED PROTECTION

Condensate overflow protection shuts down the system to stop water damage before it occurs.



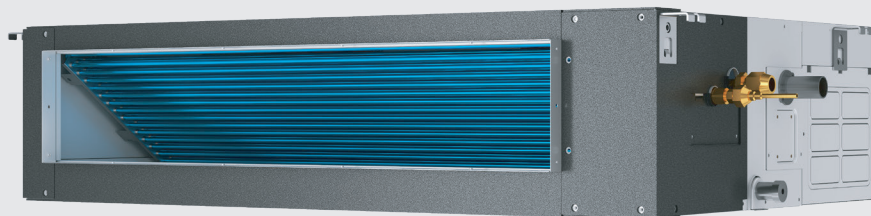
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Multi Zone Universal Indoor Unit – Ceiling Cassette						
MODEL NUMBER			H09CSHU1XAE	H12CSHU1XAE	H18CSHU1XAE	H24CSHU1XAE
System Type			Heat Pump			
SYSTEM PERFORMANCE						
Cooling at 95°F (35°C)	Rated Capacity (Min – Max)	BTU/h	9,500 (3,000 ~ 11,570)	12,000 (2,990 ~ 13,690)	16,000 (4,280 ~ 17,530)	23,000 (6,160 ~ 24,960)
Heating at 47°F (8.3°C)	Rated Capacity (Min – Max)	BTU/h	10,000 (2,760 ~ 11,780)	12,000 (2,310 ~ 16,280)	18,000 (1,960 ~ 20,170)	25,000 (4,200 ~ 29,690)
ENERGY STAR® Certified			Check Outdoor Unit Match-ups for Energy Star Qualification			
Operation Temperature Range	Cooling	°F (°C)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)
	Heating	°F (°C)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)
ELECTRICAL						
Power Supply			208–230V / 1Ph / 60Hz (Powered by ODU)			
Connection Wiring		AWG	16AWG*4 Stranded, unshielded, TC–ER Type			
Communication Protocol Btwn. IDU & ODU			Current Loop			
REFRIGERANT PIPING						
Line Set Sized by IDU (Liquid – Gas)			1/4 – 3/8	1/4 – 3/8	1/4 – 1/2	1/4 – 5/8
INDOOR UNIT DATA						
Indoor Motor Type			DC			
Thermostat type			Wireless Remote Controller with Wi-Fi® with Voice Control via Smart Speakers by Google Assistant or Amazon Alexa			
Condensate Drain Size (OD)	in	5/16"	5/16"	5/16"	5/16"	5/16"
Air Flow (Min – Max)	CFM	330 ~ 560	330 ~ 610	430 ~ 750	820 ~ 1420	
Sound Pressure Level (Min – Max)	dB(A)	37 ~ 52	37 ~ 52	38 ~ 56	38 ~ 51	
External Dimensions (W x H x D)	in	22 7/16 x 9 5/8 x 22 7/16	22 7/16 x 9 5/8 x 22 7/16	22 7/16 x 9 5/8 x 22 7/16	33 1/16 x 10 1/16 x 33 1/16	
	mm	570 x 245 x 570	570 x 245 x 570	570 x 245 x 570	840 x 255 x 840	
Package Dimensions (W x H x D)	in	28 1/4 x 11 7/8 x 25 7/8	28 1/4 x 11 7/8 x 25 7/8	28 1/4 x 11 7/8 x 25 7/8	36 7/8 x 11 7/16 x 36 7/8	
	mm	718 x 301 x 657	718 x 301 x 657	718 x 301 x 657	935 x 290 x 935	
Weight (Net / Gross)	lbs	32 / 38.6	32 / 38.6	32 / 38.6	51.8 / 60.6	
	kgs	14.5 / 17.5	14.5 / 17.5	14.5 / 17.5	23.5 / 27.5	
PANEL ACCESSORY DATA (Packed Separately)			Cassette Panel 01	Cassette Panel 01	Cassette Panel 01	Cassette Panel 02
External Dimensions (W x H x D)	in	25 9/16 x 2 3/8x 25 9/16	25 9/16 x 2 3/8x 25 9/16	25 9/16 x 2 3/8x 25 9/16	37 3/8 x 2 7/8 x 37 3/8	
	mm	650 x 60 x 650	650 x 60 x 650	650 x 60 x 650	950 x 73 x 950	
Package Dimensions (W x H x D)	in	28 15/16 x 4 5/16 x 28 15/16	28 15/16 x 4 5/16 x 28 15/16	28 15/16 x 4 5/16 x 28 15/16	41 9/16 x 3 9/16 x 41 9/16	
	mm	735 x 110 x 735	735 x 110 x 735	735 x 110 x 735	1055 x 90 x 1055	
Weight (Net / Gross)	lbs	6 / 9.5	6 / 9.5	6 / 9.5	13.2 / 19.8	
	kgs	2.7 / 4.3	2.7 / 4.3	2.7 / 4.3	6 / 9	
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 days of Installation			

## MULTI ZONE UNIT SLIM DUCT

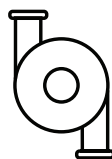


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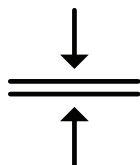
### QUIET OPERATION

High efficiency DC fan motor and optimized air duct design enables 35dB quiet operation.



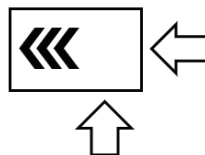
### 47 INCH LIFT PUMP

Built in pump provides up to 47 inches of lift for proper condensate drainage.



### 7.88 INCH ULTRA-THIN DESIGN

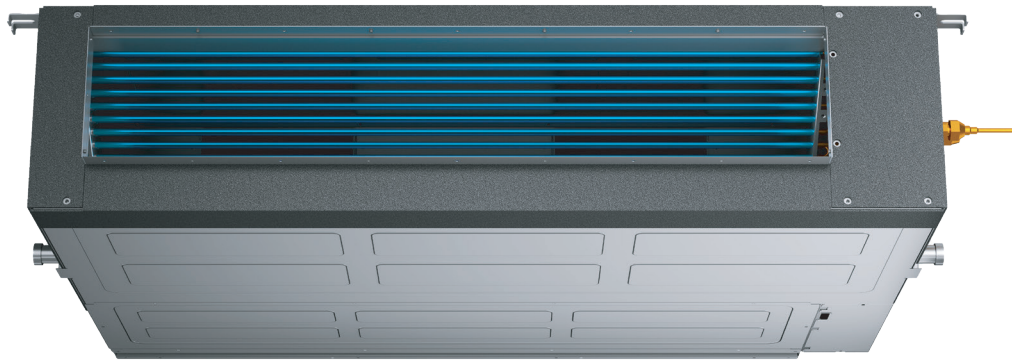
The ultra-thin body of 7.88 inches greatly saves the installation area and can match a variety of interior design styles.



### FLEXIBLE RETURN AIR INTAKE

Standard built return air box can be mounted for horizontal or bottom return.

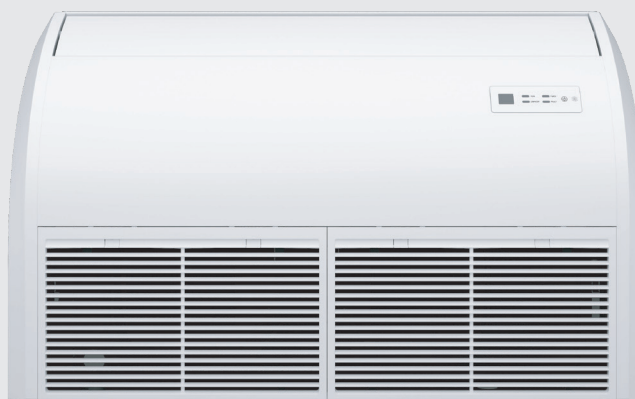




Multi Zone Universal Indoor Unit – Slim Duct						
MODEL NUMBER			H09DTHU1XAE	H12DTHU1XAE	H18DTHU1XAE	H24DTHU1XAE
System Type			Heat Pump			
SYSTEM PERFORMANCE						
Cooling at 95°F (35°C)	Rated Capacity (Min – Max)	BTU/h	9,500 (2,880 ~ 10,990)	11,000 (2,960 ~ 12,350)	17,000 (5,210 ~ 18,990)	22,000 (5,890 ~ 24,440)
Heating at 47°F (8.3°C)	Rated Capacity (Min – Max)	BTU/h	10,000 (2,560 ~ 11,620)	12,000 (1,980 ~ 15,120)	18,000 (2,050 ~ 19,780)	25,000 (4,040 ~ 31,050)
ENERGY STAR® Certified			Check Outdoor Unit Match-ups for Energy Star Qualification			
Operation Temperature Range	Cooling	°F (°C)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)
	Heating	°F (°C)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)
ELECTRICAL						
Power Supply			208–230V / 1Ph / 60Hz (Powered by ODU)			
Connection Wiring		AWG	16AWG*4 Stranded, unshielded, TC–ER Type			
Communiication Protocol Btwn. IDU & ODU			Current Loop			
REFRIGERANT PIPING						
Line Set Sized by IDU (Liquid – Gas)			1/4 – 3/8	1/4 – 3/8	1/4 – 3/8	1/4 – 1/2
INDOOR UNIT DATA						
External Static Pressure		In W.c.	up tp 0.4	up tp 0.4	up tp 0.4	up tp 0.48
Thermostat type			Programmable Wired Controller with Wi-Fi® & Voice Control			
Condensate Drain Size (OD)		in	5/16"	5/16"	5/16"	5/16"
Air Flow (Min – Max)		CFM	310-570	310-610	420-850	800-1260
Sound Pressure Level (Min – Max)		dB(A)	27-43	27-43	28-46	38-51
External Dimensions (W x H x D)	in	27 9/16 × 7 7/8 × 19 3/10	27 9/16 × 7 7/8 × 19 3/10	36 1/4 × 7 7/8 × 19 3/10	43 5/16 × 7 7/8 × 19 3/10	
	mm	700 × 200 × 490	700 × 200 × 490	920 × 200 × 490	1100 × 200 × 490	
Package Dimensions (W x H x D)	in	35 7/16 × 9 13/16 × 21 7/8	35 7/16 × 9 13/16 × 21 7/8	44 1/8 × 9 13/16 × 21 7/8	50 13/16 × 9 5/8 × 22 1/4	
	mm	900 × 250 × 555	900 × 250 × 555	1120 × 250 × 555	1290 × 245 × 565	
Weight (Net / Gross)	lbs	33.1 / 40.8	33.1 / 40.8	39.7 / 46.3	50.7 / 58.4	
	kgs	15 / 18.5	15 / 18.5	18 / 21	23 / 26.5	
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 days of Installation			

# TCL AC

## MULTI ZONE UNIT FLOOR & CEILING

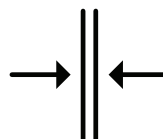


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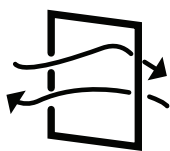
### FLEXIBLE INSTALLATION

Convertible to floor or under ceiling application allows for design flexibility.



### ULTRA-THIN DESIGN

Compact 9.25-inch depth (floor mount) or height (ceiling mount) design requires minimal space for installation.



### 80° WIDE RANGE OF AIR FLOW

With our unique louver design, the air flow can be adjusted to provide uniform air distribution.



### DUAL DRAINAGE

Condensate drain flexibility allows for left-side or right-side piping.



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## Multi Zone Universal Indoor Unit - Floor Ceiling

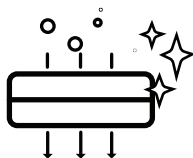
MODEL NUMBER			H18FCHU1XAE	H24FCHU1XAE
System Type			Heat Pump	
SYSTEM PERFORMANCE				
Cooling at 95°F (35°C)	Rated Capacity (Min - Max)	BTU/h	18,000 (4,550 - 20,200)	22,000 (6,010 - 24,610)
Heating at 47°F (8.3°C)	Rated Capacity (Min - Max)	BTU/h	18,000 (2,910 - 22,840)	25,000 (4,750 - 28,640)
ENERGY STAR® Certified		Check Outdoor Unit Match-ups for Energy Star Qualification		
Operation Temperature Range	Cooling	°F (°C)	61 - 88 (16 - 31)	61 - 88 (16 - 31)
	Heating	°F (°C)	61 - 88 (16 - 31)	61 - 88 (16 - 31)
ELECTRICAL				
Power Supply		208-230V / 1Ph / 60Hz (Powered by ODU)		
Connection Wiring		AWG	16AWG*4 Stranded, unshielded, TC-ER Type	
Communiication Protocal Btwn. IDU & ODU		Current Loop		
REFRIGERANT PIPING				
Line Set Sized by IDU (Liquid - Gas)		1/4 - 1/2		1/4 - 5/8
INDOOR UNIT DATA				
Indoor Motor Type		DC		
Thermostat type		Wireless Remote Controller with Wi-Fi® & Voice Control		
Condensate Drain Size (OD)	in	5/16"		5/16"
Air Flow (Min - Max)	CFM	353-588		470 -647
Sound Pressure Level (Min - Max)	dB(A)	36-50		40-53
External Dimensions (W x H x D)	in	41 1/2 x 26 9/16 x 9 1/4		41 1/2 x 26 9/16 x 9 1/4
	mm	1055 x 675 x 235		1055 x 675 x 235
Package Dimensions (W x H x D)	in	44 11/16 x 30 1/8 x 11 1/16		44 11/16 x 30 1/8 x 11 1/16
	mm	1135 x 765 x 280		1135 x 765 x 280
Weight (Net / Gross)	lbs	52.9 / 68.2		55.0 / 70.4
	kgs	24 / 31		25 / 32
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 days of Installation		

# TCL AC

## BREEZEIN SERIES



GENTLE BREEZE | SELF CLEANING | EXTREME COOLING



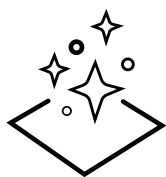
### EASY FILTER CLEANING

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.



### 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 and 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.



### SELF DIAGNOSIS FEATURE

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



# 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)



Multi Zone Universal Indoor Unit – BreezeIN 24 Series Hi Wall Mounted						
MODEL NUMBER			H09SBH23XPE	H12SBH23XPE	H18SBH22XPE	H24SBH20XPE
System Type			Heat Pump			
SYSTEM PERFORMANCE						
Cooling at 95°F (35°C)	Rated Capacity (Min – Max)	BTU/h	9,000 (1,300 ~ 11,200)	12,000 (1,500 ~ 14,400)	18,000 (6,000 ~ 19,000)	24,000 (8,050 ~ 24,800)
Heating at 47°F (8.3°C)	Rated Capacity (Min – Max)	BTU/h	9,500 (2,000 ~ 11,600)	12,000 (2,500 ~ 16,300)	18,000 (6,300 ~ 23,000)	24,000 (11000 ~ 27,000)
ENERGY STAR® Certified			Check Outdoor Unit Match-ups for Energy Star Qualification			
Operation Temperature Range	Cooling	°F (°C)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)
	Heating	°F (°C)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)	61 ~ 88 (16 ~ 31)
ELECTRICAL						
Power Supply			208–230V / 1Ph / 60Hz (Powered by ODU)			
Connection Wiring		AWG	16AWG*4 Stranded, unshielded, TC–ER Type			
Communiication Protocol Btwn. IDU & ODU			Current Loop			
REFRIGERANT PIPING						
Line Set Sized by IDU (Liquid – Gas)			1/4 – 3/8	1/4 – 3/8	1/4 - 1/2	1/4 - 5/8
INDOOR UNIT DATA						
Indoor Motor Type			DC			
Thermostat type			Wireless Remote Controller with Wi-Fi® with Voice Control via Smart Speakers by Google Assistant or Amazon Alexa			
Condensate Drain Size (OD)	in	5/16"	5/16"	5/16"	5/16"	
Air Flow (Hi/Mi/Lo)	CFM	283/235/188	471/382/294	676/529/423	676/529/423	
Sound Pressure Level (Min – Max)	dB(A)	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	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	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	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	1165 x 405 x 295	1165 x 405 x 295	
Weight (Net / Gross)	lbs	20.7 / 25.1	23.1 / 30.9	30.9 / 35.3	30.9 / 35.3	
	kgs	9.4 / 11.4	10.5 / 14	14 / 16	14 / 16	
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 days of Installation			



# TCL AC

## ELITE SERIES



RAPID COOLING | RADIANT WARMTH



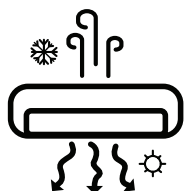
### FAST COOLING AND COZY

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.



### I FEEL

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.



### 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.



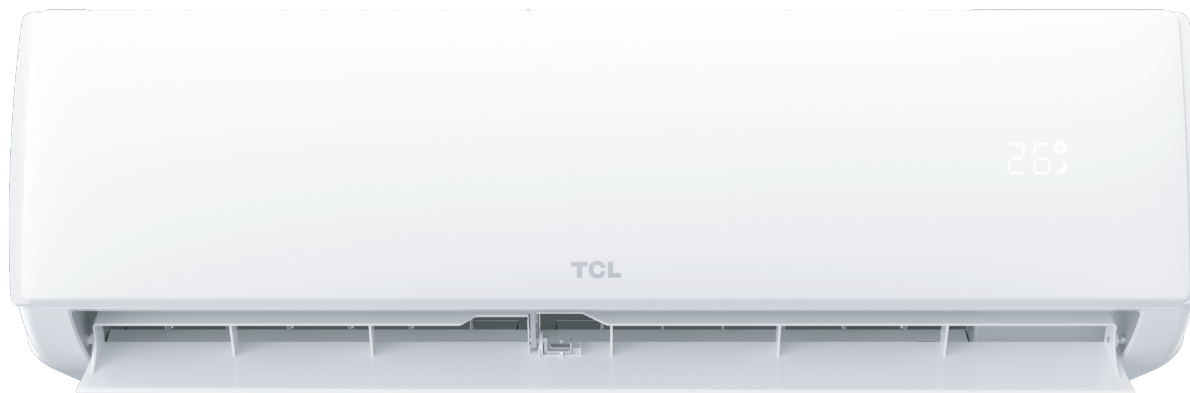
### CONTROL ON-THE-GO

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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## Multi Zone Universal Indoor Unit – Elite 20 Series Hi Wall Mounted

MODEL NUMBER			H09SEH19XAE	H12SEH19XAE	H18SEH19XAE	H24SEH19XAE
System Type			Heat Pump			
SYSTEM PERFORMANCE						
Cooling at 95°F (35°C)	Rated Capacity (Min – Max)	BTU/h	9,000 (1,300 ~ 11,200)	12,000 (1,300 ~ 12,700)	18,000 (3,400 ~ 18,000)	23,000 (6,100 ~ 25,000)
Heating at 47°F (8.3°C)	Rated Capacity (Min – Max)	BTU/h	9,500 (2,200 ~ 12,400)	12,000 (2,300 ~ 15,000)	18,000 (3,600 ~ 20,800)	24,000 (4,880 ~ 28,700)
ENERGY STAR® Certified			Check Outdoor Unit Match-ups for Energy Star Qualification			
ELECTRICAL						
Power Supply			208 –230V / 1Ph / 60Hz (Powered by ODU)			
Connection Wiring		AWG	16AWG*4 Stranded, unshielded, TC-ER Type			
Communiication Protocal Btwn. IDU & ODU			Current Loop			
REFRIGERANT PIPING						
Line Set Sized by IDU (Liquid – Gas)			1/4 – 3/8	1/4 – 3/8	1/4 – 3/8	1/4 – 1/2
INDOOR UNIT DATA						
Indoor Motor Type			AC	DC	DC	DC
Thermostat type			Wireless Remote Controller with Wi-Fi® (Built-in Voice Control via Smart Speakers by Google Assistant or Amazon Alexa)			
Condensate Drain Size (OD)		in	5/16"	5/16"	5/16"	5/16"
Air Flow (Min – Max)		CFM	205 ~ 344	205 ~ 344	283 ~ 515	403 ~ 673
Sound Pressure Level (Min – Max)		dB(A)	28 ~ 44	27 ~ 45	32 ~ 51	35 ~ 54
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	39 3/4 x 12 3/8 x 8 11/16	46 7/8 x 14 3/16 x 10 1/4
		mm	811x292x203	811x292x203	1010 x 315 x 220	1191x360x258
Package Dimensions (W x H x D)		in	33 1/16 x12 3/8 x10 1/4	33 1/16 x12 3/8 x10 1/4	43 1/5 x15 7/20 x11 7/10	49 5/8 x 16 15/16 x 12 15/16
		mm	840x315x260	840x315x260	1096x390x297	1260x430x328
Weight (Net / Gross)		lbs	19.8 / 26.5	19.8 / 26.5	27.6 / 33.7	36.4 / 43
		kgs	9 / 12	9 / 12	12.5 / 15.3	16.5 / 19.5
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 days of Installation			

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