



TCL BREEZEIN Series Hi Wall Mounted Ductless Mini Split System – R454B

SUBMITTAL DATA SHEET

INSPIRE GREATNESS

Job Name _____

Buyer _____

Submitted to _____

Unit Designation _____

Location _____

Engineer _____

Reference _____ Approval _____ Construction _____

Schedule # _____

AHRI # _____

Set Code

Indoor Code _____

Outdoor Code _____

Set Model # **H18FCHU1XAE**

Indoor Model # **H18FCHU1XAE**

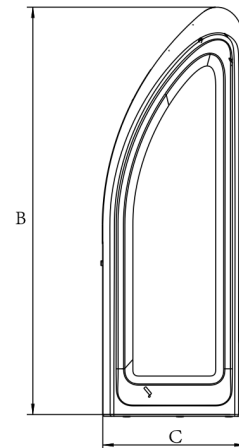
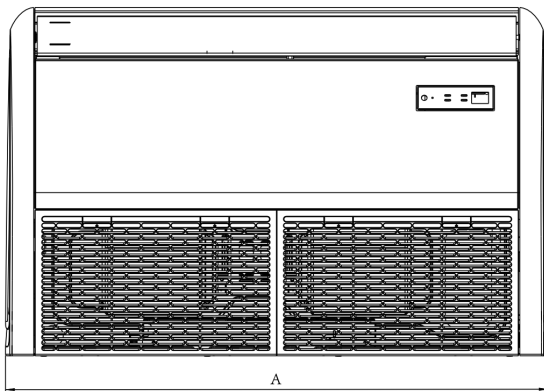
Outdoor Model # **H18SBH22XPC**

Certification ETL AHRI
Energy Star



(Actual equipment appearance may vary)

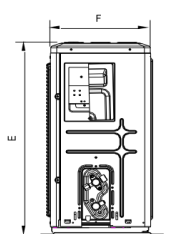
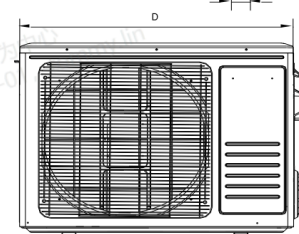
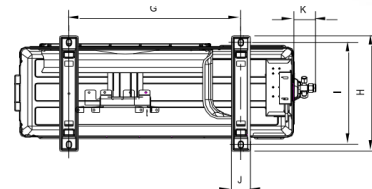
Indoor Unit Dimension



Model	Indoor Unit (inch / mm)		
	A	B	C
H18FCHU1XAE	41.5/1055	26.6/675	9.3/235

Outdoor Unit Dimension

Model	Outdoor Unit (inch / mm)			
	D	E	F	G
H18SBH22XPC	34.0/864	27.5/699	12.0/305	23.1/586
	H	I	J	K
	14.9/380	13.7/347.5	2.3/58.6	2.5/63



TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com



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SYSTEM PERFORMANCE DATA

Power supply

Power Supply		208/230V / 1Ph / 60Hz
Voltage Range (Min - Max)	V	165 - 265

Electrical

Min. Circuit Ampacity - MCA	A	11
Max. FUSE Size	A	17
Connection Wiring		16AWG*4

Cooling at 95°F (35°C)

Capacity	BTU/h	18,000
(Min - Max)		(4,550~20,200)
Rated Input Power	W	1,515
Rated Current	A	6.8
SEER2 / EER2		20.5 / 11.7

Heating at 47°F (8.3°C)

Capacity	BTU/h	19,000
(Min - Max)		(2,910~22,840)
Rated Input Power	W	1,725
Rated Current	A	7.7
HSPF2 -4 / 5 / COP		9.0 / 8.2 / 3.3

Heating at 17°F (-8.3°C)

Capacity	BTU/h	11,400
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Heating at 5°F (-15°C)

Capacity	BTU/h	13,800
COP		1.85

REFRIGERANT PIPING DATA

Refrigerant Type / Charged	oz	R454b/ 45.5
Pre-Charge Length Total	ft (m)	25 (7.5)
Additional Charge	oz/ft	0.11
Design Pressure	PSIG	600
Line Set Sized (Liquid - Gas)	in	1/4 -1/2
Line Set Length (Min - Max)	ft (m)	16 ~ 65 (5 ~ 20)
Max. Pipe Elevation	ft (m)	49 (15)
Connection method		Flared
Throttle Type		Capillary

TEMPERATURE RANGE

Indoor Cooling Range	°F (°C)	>=61 (16)
Indoor Heating Range	°F (°C)	<=88 (31)
Outdoor Cooling Range	°F (°C)	5 ~ 133 (-15 ~ 55)
Outdoor Heating Range	°F (°C)	-13 ~ 86 (-25 ~ 30)

INDOOR UNIT DATA

Fan Motor Type

DC Motor with crossflow Fan

Model		ZKSP-30-8-137
Brand		Welling
Input	W	50
Speed	r/min	880

Performance

Air Flow (Min - Max)	CFM	353 ~ 512
Sound Pressure (Min - Max)	dB(A)	40 ~ 46

Unit Data

External Dimensions	in	41.5 × 26.6 × 9.3
(W x H x D)	mm	1055 × 675 × 235
Package Dimensions	in	44.7 × 30.1 × 11
(W x H x D)	mm	1135 × 765 × 280
Weight (Net / Gross)	Lbs.(kgs)	52.9/ 68.2 (24 / 31)

Thermostat type

Wireless Remote Controller with Wi-Fi®

OUTDOOR UNIT DATA

Compressor Type

Rotary, Inverter

Brand & Model		GMCC/KSN98D31UEZA31
Input		1,000
RLA		4.51

Motor Type

DC

Brand & Model		Broad-Ocean / ZW511B500037
Input	W	85
Speed	r/min	850

Performance

Air Flow (Max)	CFM	1890
Sound Pressure Level	dB(A)	59

Unit Data

External Dimensions	in	36.5 × 27.5 × 14.9
(W x H x D)	mm	927 × 699 × 380
Package Dimensions	in	37.8 × 28.8 × 16.9
(W x H x D)	mm	960 × 732 × 430
Weight (Net / Gross)	Lbs.(kgs)	86 / 93 (39 / 42.2)

**5 Years Parts, 7 Years Compressor, and
Limited Warranty extend to 10/10 upon reg. within 60 days**

General Features:

- Easy Installation
- Easy Maintenance
- High Efficiency
- Wireless Remote with LCD Display
- Invisible LED Display
- Turbo Cooling & Heating
- Extreme Cooling & Heating
- AI Algorithm Inverter Tech

- I FEEL Function
- 3D & Smart Air Flow
- ECO Mode
- Self-diagnosis
- Sleep Mode
- Healthy Filter
- Deep Self Cleaning
- Smart Wi-Fi & Voice Control
- Filter Reminder
- Auto Restart

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