



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 # 215570374

Set Code

Indoor Code _____

Outdoor Code _____

Set Model # H18CSHU1XA

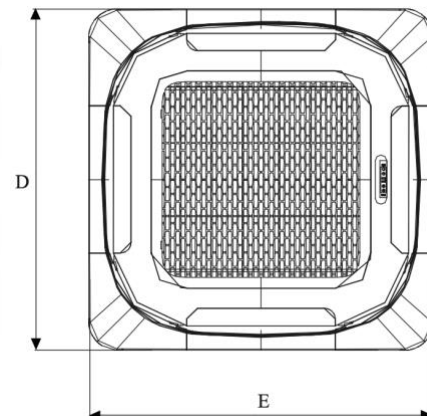
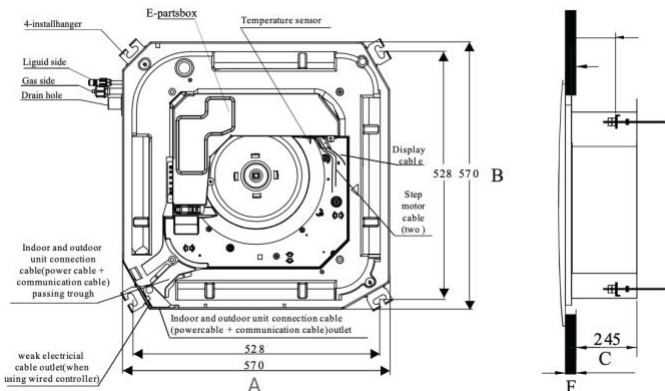
Indoor Model # H18CSHU1XAE

Outdoor Model # H18SBH22XPC

Certification ETL AHRI
Energy Star



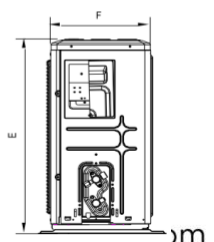
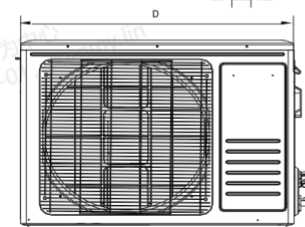
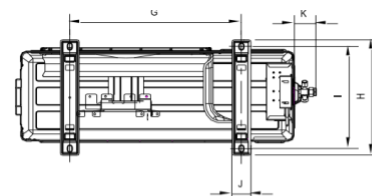
Indoor Unit Dimension



Model	indoor Unit (inch / mm)					
	A	B	C	D	E	F
H18CSHU1XAE	22.4 / 570	22.4 / 570	9.6 / 245	25.5 / 650	25.5 / 650	2.3 / 60

Outdoor Unit Dimension

Model	Outdoor Unit (inch / mm)			
H18SBH22XPC	D	E	F	G
	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



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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	1,6000
(Min - Max)		(6,000~19,400)
Rated Input Power	W	1,365
Rated Current	A	6.3
SEER2 / EER2		20 / 11.7

Heating at 47°F (8.3°C)

Capacity	BTU/h	18,000
(Min - Max)		(4,000~18,000)
Rated Input Power	W	1,640
Rated Current	A	7.6
HSPF2 -4 / 5 / COP		8.5 / 3.2

Heating at 17°F (-8.3°C)

Capacity	BTU/h	11,000
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Heating at 5°F (-15°C)

Capacity	BTU/h	13,400
COP		1.76

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 -3/8
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)

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

INDOOR UNIT DATA

Fan Motor Type

DC Motor with crossflow Fan

Model		ZKSP-30-8-137
Brand		Welling
Input	W	30
Speed	r/min	820

Performance

Air Flow (Min - Max)	CFM	252 ~ 423
Sound Pressure (Min - Max)	dB(A)	37 ~ 48

Unit Data

External Dimensions	in	22.4 × 9.6 × 22.4
(W x H x D)	mm	570 × 245 × 570
Package Dimensions	in	28.3 × 11.8 × 25.9
(W x H x D)	mm	718 × 301 × 657
Weight (Net / Gross)	Lbs.(kgs)	32 / 38.6 (14.5 / 17.5)

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
85	W	85
850	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)

Limited Warranty

5 Years Parts, 7 Years Compressor

- 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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www.tcl.com