



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 # 215570372

Set Code

Indoor Code _____

Outdoor Code _____

Set Model # H12CSHU1XA

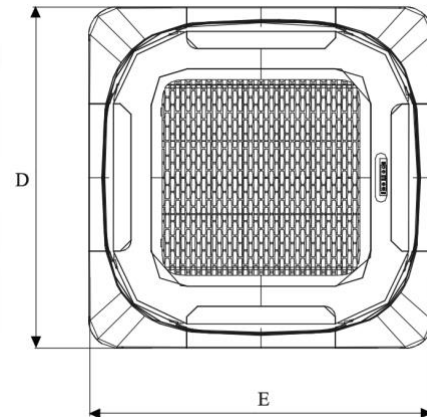
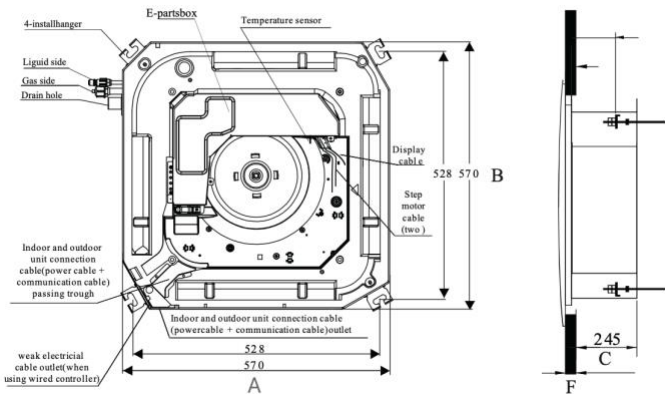
Indoor Model # H12CSHU1XAE

Outdoor Model # H12SBH23XPC

Certification ETL AHRI
Energy Star



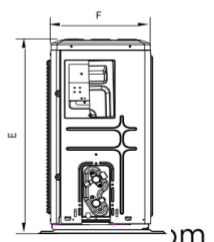
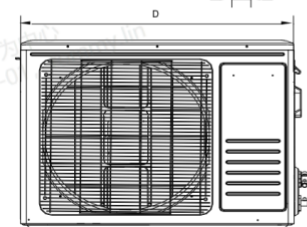
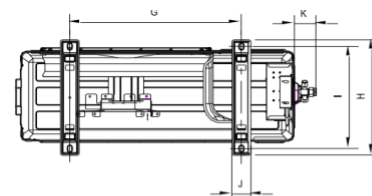
Indoor Unit Dimension



Model	indoor Unit (inch / mm)					
	A	B	C	D	E	F
H12CSHU1XAE	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)			
H12SBH23XPC	D	E	F	G
	29.8 / 758	21.6 / 549	9.9 / 252	17.0 / 433.8
	H	I	J	K
	12.0 / 305	10.9 / 278	1.9 / 48	2.0 / 52



TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618



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

SUBMITTAL DATA SHEET

INSPIRE GREATNESS

SYSTEM PERFORMANCE DATA

Power supply

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

Electrical

Min. Circuit Ampacity - MCA	A	10
Max. FUSE Size	A	15
Connection Wiring		16AWG*4

Cooling at 95°F (35°C)

Capacity	BTU/h	12,000
(Min - Max)		(2,000 ~ 13,600)
Rated Input Power	W	1030
Rated Current	A	6.3
SEER2 / EER2		21 / 11.7

Heating at 47°F (8.3°C)

Capacity	BTU/h	12,000
(Min - Max)		(2,500 ~ 12,500)
Rated Input Power	W	1,030
Rated Current	A	4.7
HSPF2 -4 / 5 / COP		10 / 3.8

Heating at 17°F (-8.3°C)

Capacity	BTU/h	7,800
----------	-------	-------

Heating at 5°F (-15°C)

Capacity	BTU/h	9,200
COP		1.95

REFRIGERANT PIPING DATA

Refrigerant Type / Charged	oz	R454b/ 35.27
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 ~ 50 (5 ~ 15)
Max. Pipe Elevation	ft (m)	33 (10)
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	190 ~ 360
Sound Pressure (Min - Max)	dB(A)	32~ 45

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		830
RLA		5.65

Motor Type

DC

Brand & Model		Broad-Ocean / ZW465A500049L
Input	W	33
Speed	r/min	1,000

Performance

Air Flow (Max)	CFM	1170
Sound Pressure Level	dB(A)	56

Unit Data

External Dimensions	in	31.8 × 21.6 × 12.0
(W x H x D)	mm	810 × 549 × 305
Package Dimensions	in	33.5 × 23.6 × 14.0
(W x H x D)	mm	852 × 600 × 358
Weight (Net / Gross)	Lbs.(kgs)	58.4 / 69.4 (26.5 / 31.5)

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

TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com