



TCL BREEZEIN Series Hi Wall Mounted Ductless Mini Split System – R454b

INSPIRE GREATNESS

SUBMITTAL DATA SHEET

Job Name _____
 Buyer _____
 Submitted to _____
 Unit Designation _____

Location _____
 Engineer _____
 Reference _____ Approval _____ Construction _____
 Schedule # _____

AHRI #	215387258		
Set Code			
Indoor Code			
Outdoor Code			
Set Model #	H12SBH22BP		
Indoor Model #	H12SBH22BPE		
Outdoor Model #	H12SBH22BPC		
Certification	ETL	AHRI	
	Energy Star	NEEP	



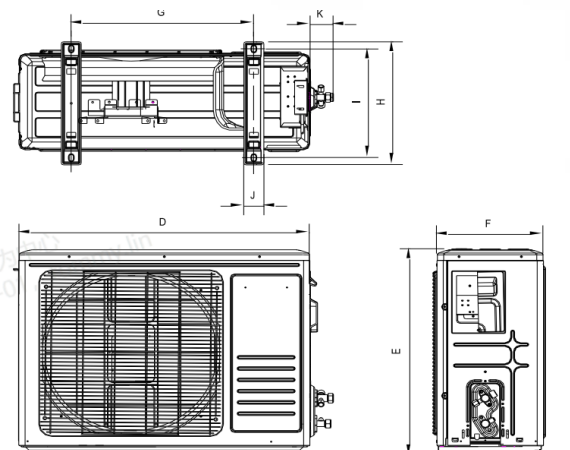
Indoor Unit Dimension



Model	indoor Unit (inch / mm)		
	A	B	C
H12SBH22BPE	36.2/920	7.7/195	12.1/306

Outdoor Unit Dimension

Model	Outdoor Unit (inch / mm)			
H12SBH22BPC	D	E	F	G
	29.8/758	21.6/549	9.9/252	17.0/433.8
	H	I	J	K
	12 / 305	10.94/278	1.88/48	2.0 / 52



TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com



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SYSTEM PERFORMANCE DATA

Power supply

Power Supply		115V / 1Ph / 60Hz
Voltage Range (Min - Max)	V	97 - 133

Electrical

Min. Circuit Ampacity - MCA	A	18
Max. FUSE Size	A	25
Connection Wiring		16AWG*4

Cooling at 95°F (35°C)

Capacity	BTU/h	12,000
Rated Input Power	W	960
Rated Current	A	8.3
SEER2 / EER2		23 / 13

Heating at 47°F (8.3°C)

Capacity	BTU/h	12,400
Rated Input Power	W	890
Rated Current	A	8
HSPF2 -4 / COP		10 / 3.81

Heating at 17°F (-8.3°C)

Capacity	BTU/h	7,800
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Heating at 5°F (-15°C)

Capacity	BTU/h	8,900
COP		2.1

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	725
Line Set Sized (Liquid - Gas)	in	1/4 -3/8
Line Set Length (Min - Max)	ft (m)	10 ~ 65 (3 ~ 20)
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)

INDOOR UNIT DATA

Fan Motor Type

DC Motor with crossflow Fan

Model		ZKFP-20-8-148
Brand		Welling
Input	W	25
Speed	r/min	1,350

Performance

Air Flow (Min - Max)	CFM	294 ~ 471
Sound Pressure (Min - Max)	dB(A)	25 ~ 44

Unit Data

External Dimensions	in	36.2 × 12.1 × 7.7
(W × H × D)	mm	920 × 306 × 195
Package Dimensions	in	38.9 × 10.4 × 14.96
(W × H × D)	mm	990 × 265 × 380
Weight (Net / Gross)	Lbs.(kgs)	23.1 / 30.9 (10.5 / 14)

Thermostat type

Wireless Remote Controller with Wi-Fi®

OUTDOOR UNIT DATA

Compressor Type

Rotary, Inverter

Brand & Model		-GMCC/KSK103D33UEZC3
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	1,170
Sound Pressure Level	dB(A)	53

Unit Data

External Dimensions	in	31.8 × 21.6 × 12
(W × H × D)	mm	810 × 549 × 305
Package Dimensions	in	33.5 × 23.6 × 14.1
(W × H × 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, and extend to 10/10 upon reg. within 60 days

General Features:

- Easy Installation
- Easy Maintenance
- Wireless Remote with LCD Display
- Invisible LED Display
- Turbo 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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