



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 #	215387257		
Set Code			
Indoor Code			
Outdoor Code			
Set Model #	H09SBH23BP		
Indoor Model #	H09SBH23BPE		
Outdoor Model #	H09SBH23BPC		
Certification	ETL	AHRI	
	Energy Star	NEEP	



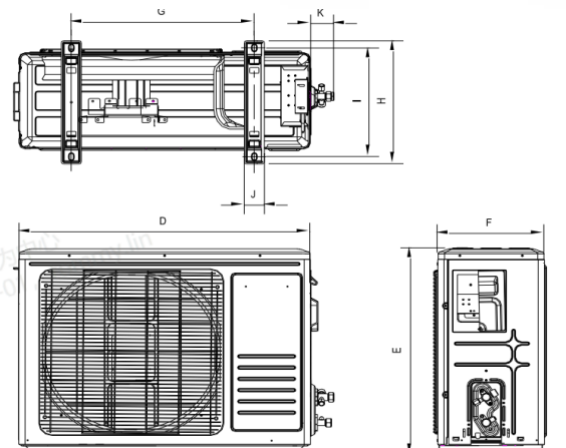
Indoor Unit Dimension



Model	indoor Unit (inch / mm)		
	A	B	C
H09SBH23BPE	32.3 / 820	7.7 / 195	12.0 / 306

Outdoor Unit Dimension

Model	Outdoor Unit (inch / mm)			
H09SBH23BPC	D	E	F	G
	29.8/758	21.6/549	9.9 /252	17.0/433.8
	H	I	J	K
	12 / 305	10.9 /278	1.9 /48	2.0 /52



TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com



INSPIRE GREATNESS

SUBMITTAL DATA SHEET

SYSTEM PERFORMANCE DATA

Power supply

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

Electrical

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

Cooling at 95°F (35°C)

Capacity	BTU/h	9000
Rated Input Power	W	700
Rated Current	A	6.1
SEER2 / EER2		24 / 13

Heating at 47°F (8.3°C)

Capacity	BTU/h	10000
Rated Input Power	W	730
Rated Current	A	6.5
HSPF2 -4 / 5 / COP		10/ 3.81

Heating at 17°F (-8.3°C)

Capacity	BTU/h	6,200
----------	-------	-------

Heating at 5°F (-15°C)

Capacity	BTU/h	7,500
COP		2.1

REFRIGERANT PIPING DATA

Refrigerant Type / Charged	oz	R454b/ 25.04
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	188 ~ 283
Sound Pressure (Min - Max)	dB(A)	24 ~ 44

Unit Data

External Dimensions	in	32.3 × 12.0 × 7.7
(W × H × D)	mm	820 × 306 × 195
Package Dimensions	in	35.0 × 14.9 × 10.4
(W × H × D)	mm	890 × 380 × 265
Weight (Net / Gross)	Lbs.(kgs)	20.7/25.1 (9.4/11.4)

Thermostat type

Wireless Remote Controller with Wi-Fi®

OUTDOOR UNIT DATA

Compressor Type

Rotary, Inverter

Brand & Model		GMCC/KSN98D31UEZA31
Input		770
RLA		4.72

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)	51

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)	53.6 / 60.4 (24.3 / 27.4)

Limited Warranty

5 Years Parts, 7 Years Compressor

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

TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com