



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 #	215387261		
Set Code			
Indoor Code			
Outdoor Code			
Set Model #	H18SBH22XP		
Indoor Model #	H18SBH22XPE		
Outdoor Model #	H18SBH22XPC		
Certification	ETL	AHRI	
	Energy Star	NEEP	



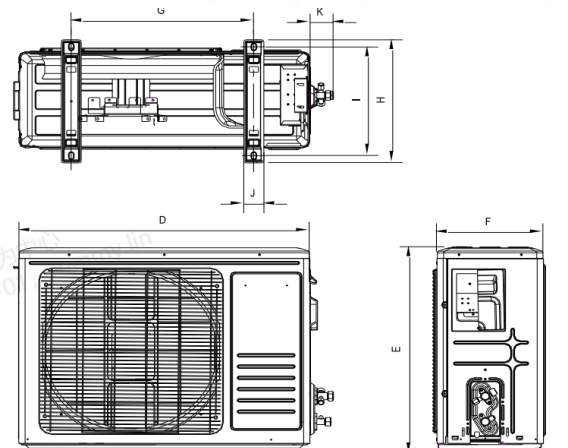
Indoor Unit Dimension



Model	indoor Unit (inch / mm)		
	A	B	C
H18SBH22XPE	43.3/1100	8.7 / 222	13.1/333

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

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	12
Max. FUSE Size	A	20
Connection Wiring		16AWG*4

Cooling at 95°F (35°C)

Capacity	BTU/h	18,000
Rated Input Power	W	1390
Rated Current	A	6.2
SEER2 / EER2		23 / 12.5

Heating at 47°F (8.3°C)

Capacity	BTU/h	19,000
Rated Input Power	W	1,360
Rated Current	A	6.1
HSPF2 -4 / COP		9.5 / 3.81

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	13,600
COP		1.8

REFRIGERANT PIPING DATA

Refrigerant Type / Charged	oz	R454b / 50.44
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 - 1/2
Line Set Length (Min - Max)	ft (m)	10 ~ 82 (3 ~ 25)
Max. Pipe Elevation	ft (m)	50 (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		ZKFP-45-8-111-3
Brand		Welling
Input	W	45
RLA	A	0.2
Speed	r/min	1,400

Performance

Air Flow (Min - Max)	CFM	423~676
Sound Pressure (Min - Max)	dB(A)	33 ~ 49

Unit Data

External Dimensions	in	43.3 × 13.1 × 8.7
(W × H × D)	mm	1100 × 333 × 222
Package Dimensions	in	45.9 × 15.9 × 11.6
(W × H × D)	mm	1165 × 405 × 295
Weight (Net / Gross)	Lbs.(kgs)	30.9 / 35.3(14 / 16)

Thermostat type

Wireless Remote Controller with Wi-Fi®

OUTDOOR UNIT DATA

Compressor Type

Rotary, Inverter

Brand & Model		SANYO/C-6RZ146H1DJ
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	1,890
Sound Pressure Level	dB(A)	54

Unit Data

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

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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