



TCL Elite 20 Series Hi Wall Mounted Ductless Mini Split System – R454b

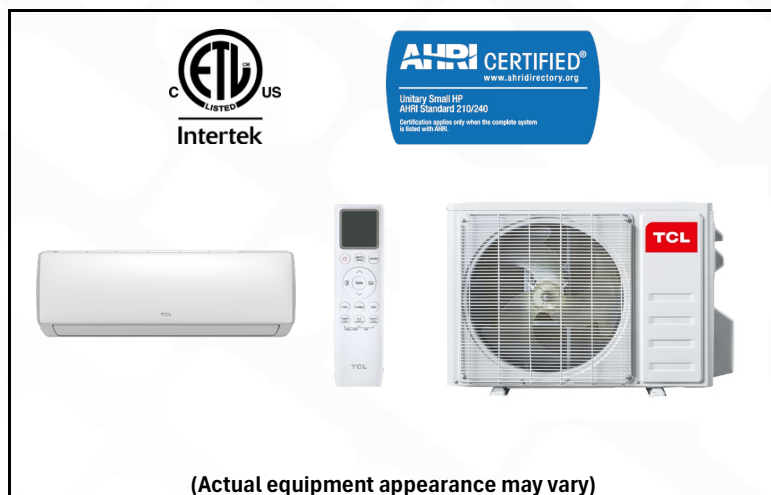
INSPIRE GREATNESS

SUBMITTAL DATA SHEET

Job Name _____
Buyer _____
Submitted to _____
Unit Designation _____

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

AHRI #	215387256
Set Code	
Indoor Code	
Outdoor Code	
Set Model #	H36SEH19XA
Indoor Model #	H36SEH19XAE
Outdoor Model #	H36SEH19XAC
Certification	ETL AHRI



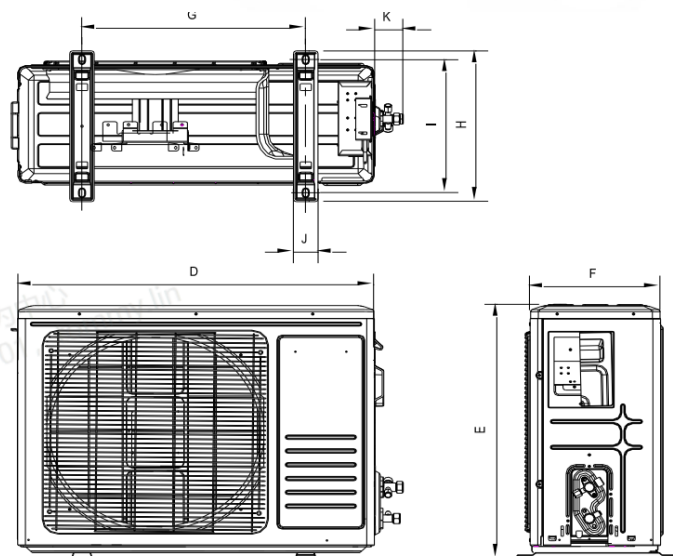
Indoor Unit Dimension



Model	indoor Unit (inch / mm)		
	A	B	C
TH36SEH19XAE	46.9 / 1191	10.2 / 258	14.2 / 360

Outdoor Unit Dimension

Model	Outdoor Unit (inch / mm)			
H36SEH19XAC	D	E	F	G
	36.0 / 916	31.6 / 803	13.9 / 353	23.9 / 607
	H	I	J	K
	16.6 / 421	15.4 / 390	2.5 / 63	2.4 / 62



TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com



TCL Elite 20 Series Hi Wall Mounted Ductless Mini Split System – R454b

INSPIRE GREATNESS

SUBMITTAL DATA SHEET

SYSTEM PERFORMANCE DATA		
Power supply		
Power Supply		208/230V / 1Ph / 60Hz
Voltage Range (Min - Max)	V	165 - 265
Electrical		
Min. Circuit Ampacity - MCA	A	18
Max. FUSE Size	A	30
Connection Wiring		16AWG*4
Cooling at 95°F (35°C)		
Capacity	BTU/h	36,000
Rated Input Power	W	3,850
Rated Current	A	17.4
SEER2 / EER2		19 / 9
Heating at 47°F (8.3°C)		
Capacity	BTU/h	36,000
Rated Input Power	W	3,350
Rated Current	A	15.2
HSPF2 -4 / COP		9 / 3.15
Heating at 17°F (-8.3°C)		
Capacity	BTU/h	21,800
Heating at 5°F (-15°C)		
Capacity	BTU/h	20,400
COP		2.1

REFRIGERANT PIPING DATA		
Refrigerant Type / Charged	oz	R454b / 55.73
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 -5/8
Line Set Length (Min - Max)	ft (m)	10 ~ 115 (3 ~ 35)
Max. Pipe Elevation	ft (m)	82 (25)
Connection method		Flared
Throttle Type		EXV

TEMPERATURE RANGE		
Indoor Cooling Range	°F (°C)	>=61 (16)
Indoor Heating Range	°F (°C)	<=88 (31)
Outdoor Cooling Range	°F (°C)	5 ~ 122 (-15 ~ 50)
Outdoor Heating Range	°F (°C)	-4 ~ 86 (-20 ~ 30)

INDOOR UNIT DATA		
Fan Motor Type		
		DC Motor with Crossflow Fan
Model		ZWK465B00501
Brand		Broad-Ocean
Input	W	45
Speed	r/min	1400-
		-
Performance		
Air Flow (Min - Max)	CFM	412 ~ 847
Sound Pressure (Min - Max)	dB(A)	36~55
Unit Data		
External Dimensions	in	46.9 × 14.2 × 10.2
(W × H × D)	mm	1191 × 360 × 258
Package Dimensions	in	49.6 × 16.9 × 12.9
(W × H × D)	mm	1260 × 430 × 328
Weight (Net / Gross)	Lbs.(kgs)	39.7 / 48.5 (18 / 22)
Thermostat type		
		Wireless Remote Controller with Wi-Fi®

OUTDOOR UNIT DATA		
Compressor Type		
		Rotary, Inverter
Brand & Model		GMCC / KTM240D43UMT
Input		2065
RLA		9.4
Motor Type		
		DC
Brand & Model		Broad-Ocean / ZW511B500037
Input	W	85
Speed	r/min	850
Performance		
Air Flow (Max)	CFM	2,100
Sound Pressure Level	dB(A)	63
Unit Data		
External Dimensions	in	38.5 × 31.6 × 16.6
(W × H × D)	mm	978 × 803 × 421
Package Dimensions	in	40.2 × 32.9 × 18.8
(W × H × D)	mm	1022 × 835 × 480
Weight (Net / Gross)	Lbs.(kgs)	105.8 / 114.6 (48 / 52)
Limited Warranty		
		5 Years Parts, 7 Years Compressor, and extend to 10/10 upon reg. within 60 days

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

TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com



TCL Elite 20 Series Hi Wall Mounted Ductless Mini Split System – R454b

INSPIRE GREATNESS

- Smart Wi-Fi & Voice Control
- Filter Reminder
- Auto Restart

SUBMITTAL DATA SHEET

TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com