



INSPIRE GREATNESS

TCL Multi Zone Ductless Mini Split System- R454b

SUBMITTAL DATA SHEET

Job Name _____
 Buyer _____
 Submitted to _____
 Unit Designation _____

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

AHRI #	215387264 (Non-Ducted) 215387268 (Ducted)		
Outdoor Model #	H27FMH22XPC		
Indoor Type	Non-Ducted Ducted Mix		
Certification	ETL Energy Star	AHRI NEEP	



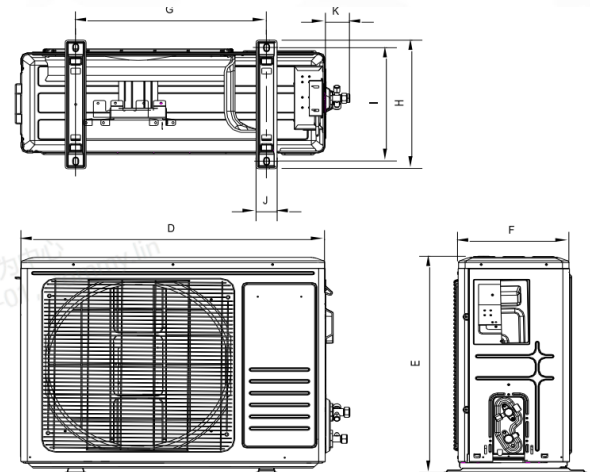





(Actual equipment appearance may vary)

Outdoor Unit Dimension

Model	Outdoor Unit (inch / mm)			
H27FMH22XPC	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	2.5 /62



27,000 BTU TRI ZONE Condenser Combinations:

One Unit	Two Units		Three Units	
NA	9+9	12+12	9+9+9	9+12+12
NA	9+12	12+18	9+9+12	12+12+12
	9+18	18+18	9+9+18	

TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com



INSPIRE GREATNESS

TCL Multi Zone Ductless Mini Split System- R454b

SUBMITTAL DATA SHEET

SYSTEM PERFORMANCE DATA

Power supply			208/230 / 1 / 60
Voltage Range (Min - Max)	V		175 - 265
Electrical			
Min. Circuit Ampacity - MCA	A		18
Max. FUSE Size	A		30
Cooling Capacity			
(Min - Max)	BTU/h		27,000 (5,900 ~31,000)
Rated Input Power	W		2,160
Rated Current	A		9.4
Heating Capacity (Min - Max)			
(Min - Max)	BTU/h		28,000 (5,900 ~33,500)
Rated Input Power	W		2,100
Rated Current	A		9.1

REFRIGERANT PIPING DATA

Refrigerant Type / Charged	oz	R454b / 77.66
Pre-Charge Length Total	ft (m)	74 (22.5)
Design Pressure	PSIG	725
Line Set Sized (Liquid - Gas)	in	3 X (1/4 - 3/8)
Add. Charge - Φ6.35 (1/4)	oz/ft	0.11
Add. Charge - Φ9.52 (3/8)	oz/ft	0.22
Line Set Length (Max) - Each	ft (m)	98 (30)
Line Set Length (Max) - Total	ft (m)	197 (60)
Max. Line Set Height Difference Btwn. ODU & Furthest IDU	ft (m)	49 (15)
Max. Line Set Height Difference Btwn. IDUs	ft (m)	33(10)
Connection method		Flared
Throttle Type		Capillary + EXV

OUTDOOR UNIT DATA

Compressor Type			INVERTER, DC
Brand & Model			GMCC / KTM240D43UMT
Input	W		2470
Rated current (RLA)	A		10.8
Refrigerant Oil / Charge			850
Motor Type			DC
Brand & Model			Broad Ocean / ZW511B500077
Input	W		200
Speed	r/min		700
Performance			
Air Flow (Max)	CFM		1647
Sound Pressure Level	dB(A)		62
Unit Data			
External Dimensions (W x H x D)	in		38.5 × 31.6 × 16.6
	mm		978 × 803 × 421
Package Dimensions (W x H x D)	in		40.2 × 32.9 × 18.9
	mm		1022 × 835 × 480
Weight (Net / Gross)	lbs (kgs)		119 / 127.9 (54 / 58)
Temperature Range			
Outdoor Cooling Range	°F (°C)		5~131(-5~55)
Outdoor Heating Range	°F (°C)		-13~86 (-25~30)

Limited Warranty

**5 Years Parts, 7 Years Compressor, and
extend to 10/10 upon reg. within 60 days**

SYSTEM PERFORMANCE DATA

SEER2 (Non-Ducted)	24	SEER2 (Ducted)	22	MIX SEER2	23
EER2 (Non-Ducted)	12	EER2 (Ducted)	12	MIX EER2	12
HSPF2-4 (Non-Ducted)	10	HSPF2-4 (Ducted)	9	MIX HSPF2-4	9.5
COP (Non-Ducted)	3.5	COP (Ducted)	3.4	MIX COP	3.4

TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com