



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 #	215387263 (Non-Ducted) 215387267 (Ducted)		
Outdoor Model #	H18FMH22XPC		
Indoor Type	Non-Ducted Ducted Mix		
Certification	ETL Energy Star	AHRI NEEP	



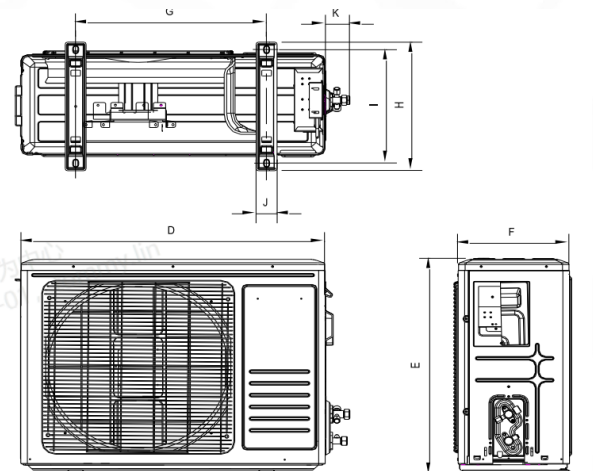





(Actual equipment appearance may vary)

Outdoor Unit Dimension

Model	Outdoor Unit (inch / mm)			
H18FMH22XPC	D	E	F	G
	34.0/864	21.6 /549	12/305	23.07/586
	H	I	J	K
	14.9 /380	13.68/347.5	2.3/58.6	2.5 /63



18,000 BTU DUAL ZONE Condenser Combinations:

One Unit	Two Units
9	9+9
12	9+12
	12+12

TCL NORTH AMERICA

189 Technology Dr, Irvine, CA 92618

www.tcl.com



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SYSTEM PERFORMANCE DATA

Power supply			208/230 / 1 / 60
Voltage Range (Min - Max)	V		175 - 265
Electrical			
Min. Circuit Ampacity - MCA	A		12
Max. FUSE Size	A		15
Cooling Capacity			
(Min - Max)	BTU/h		18,000 (4,400 ~20,500)
Rated Input Power	W		1,400
Rated Current	A		6.1
Heating Capacity (Min - Max)			
(Min - Max)	BTU/h		20,000 (4,400 ~23,200)
Rated Input Power	W		1,500
Rated Current	A		6.5

REFRIGERANT PIPING DATA

Refrigerant Type / Charged	oz	R454B / 60.1
Pre-Charge Length Total	ft (m)	49 (15)
Design Pressure	PSIG	725
Line Set Sized (Liquid - Gas)	in	2 X (1/4 - 3/8)
Add. Charge - Φ 6.35 (1/4)	oz/ft	0.11
Add. Charge - Φ 9.52 (3/8)	oz/ft	0.22
Line Set Length (Max) - Each	ft (m)	82 (25)
Line Set Length (Max) - Total	ft (m)	131 (40)
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			SANYO / C-6RZ180H1AAF
Input	W		1390
Rated current (RLA)	A		5.49
Refrigerant Oil / Charge	ml		450
Motor Type			DC
Brand & Model			Broad Ocean / ZW511B500037
Input	W		85
Speed	r/min		850
Performance			
Air Flow (Max)	CFM		1,471
Sound Pressure Level	dB(A)		58
Unit Data			
External Dimensions (W x H x D)	in		36.5 × 21.6 × 14.9
	mm		927 × 699 × 380
Package Dimensions (W x H x D)	in		37.7 × 28.8 × 16.9
	mm		960 × 732 × 430
Weight (Net / Gross)	lbs (kgs)		92.6 / 99.2 (42 / 45)
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)	21	MIX SEER2	22.5
EER2 (Non-Ducted)	13	EER2 (Ducted)	12	MIX EER2	12.5
HSPF2-4 (Non-Ducted)	10	HSPF2-4 (Ducted)	9.5	MIX HSPF2-4	9.8
COP (Non-Ducted)	3.5	COP (Ducted)	3.5	MIX COP	3.5

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