TOSOT

TMV- 6 ultra mini Series

48,000 BTU / VRF SYSTEM

SUBMITTAL DATA: TVRF-V48WL/C

Job Name	Location		Date	
Purchaser	Engineer			
Submitted To	For	☐ Reference	☐ Approval	☐ Construction
Unit Designation	Schedule No.			

AHRI CERTIFIED REF	
NON-DUCTED	214717095
DUCTED	214717097
MIX	214717099



System Performance			
Capacity Range		Ton	4
Nominal Capacity	Cooling	kBtu/h	48.0
	Heating	kBtu/h	48.0
Sound Pressure Level		dB(A)	52
Operating Temperature Range	Cooling	°C/°F	-18~54 / 0~129※
	Heating	°C/°F	-30~27 / -22~81
Cooling Capacity@95F (Ducted/Non-Ducted)		kBtu/h	48.0 / 48.0
SEER2(Ducted/Non-Ducted)		-	17.10 / 22.00
Heating Capacity@47F (Ducted/Non-Ducted)		kBtu/h	48.0 / 48.0
HSPF2(Ducted/Non-ducted)		-	8.55 / 9.20
Heating Capacity@5F(Ducted/Non-ducted)		kBtu/h	33.6 / 33.6
Electrical Data			
Power Supply		-	208/230V, 1 Phase, 60Hz
Maximum Overcurrent Protection (MOP)		A	40.0
Minimum Circuit Amps (MCA)		A	38.8
Fan			
Type x Quantity		-	Axial- flow x 2
Air Flow Volume		CFM	3,885
		m^3/h	6,600
Fan Motor Power Output		W	120
Compressor			
Compressor Type x Quantity		-	Inverter rotary x 1
Compressor Rated Load Amps (RLA)		A	29.7
Oil Type		-	FV68H
Oil Charge Volume(Compressor charged)		L	1.5
Connection Piping			
Gas Pipe		inch	5/8
Liquid Pipe		inch	3/8
Refrigerant Type		-	R410A
Refrigerant Charge Amount		kg/oz	4.0 / 141
Dimension/Weight			
Unit Dimensions (W x D x H)		inch	35-3/8 x 13-3/8 x 52
		mm	900 x 340 x 1,345
Weight	Net	lbs/kg	250 / 113
	Gross	lbs/kg	270 / 124
Other			
Capacity Diversity Range(IDUs/ODU)		-	50%~135%
Moisture Protection		-	IPX4

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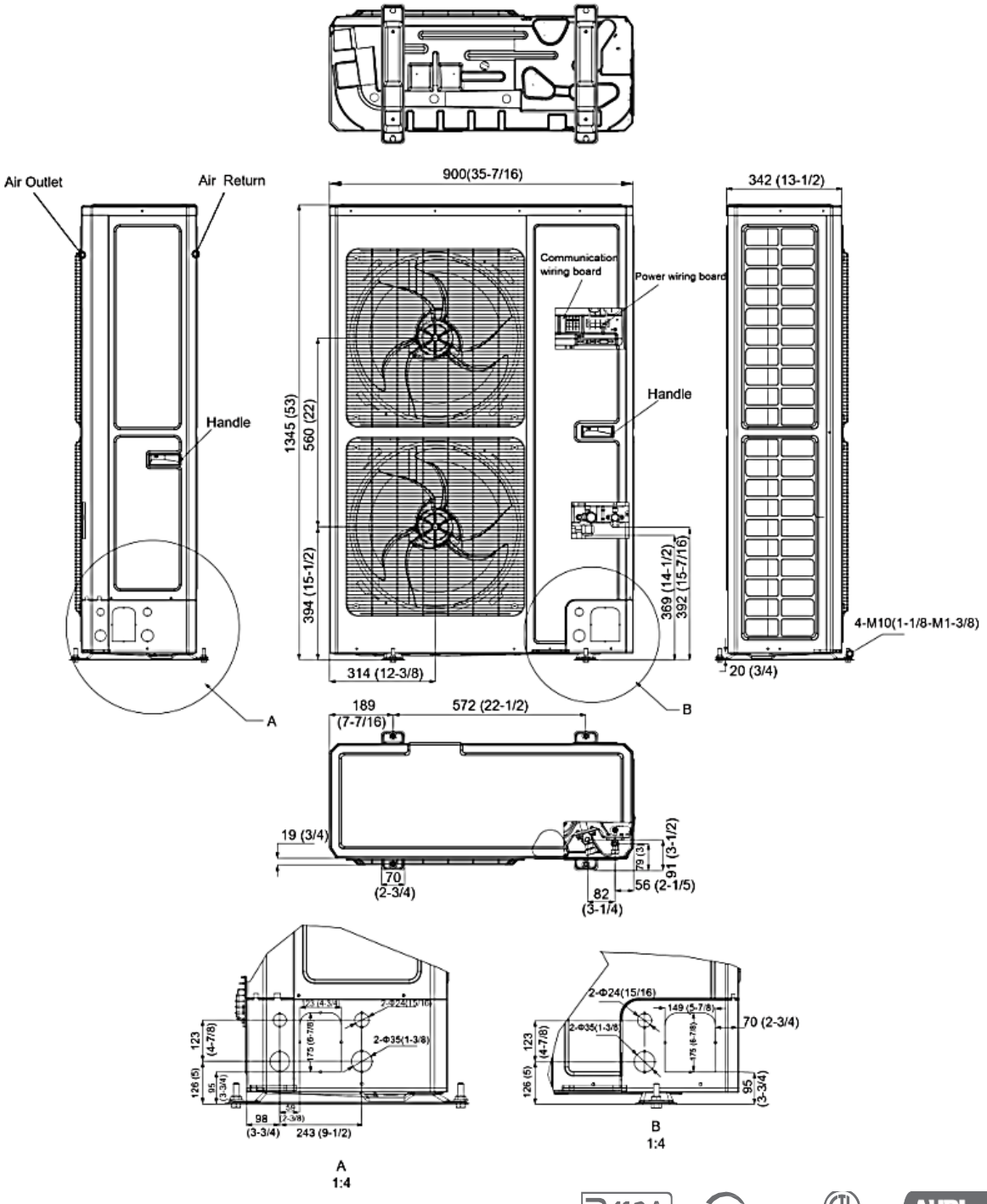
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Dimension and Installation Hole

Unit: mm(inch)



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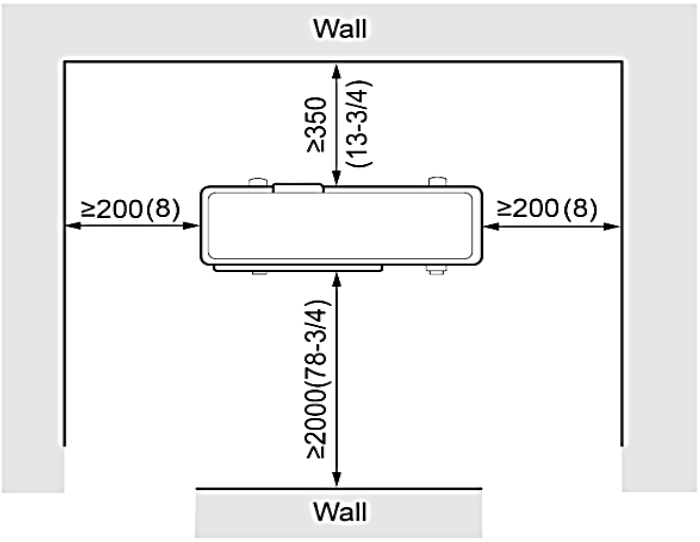
TMV- 6 ultra mini Series

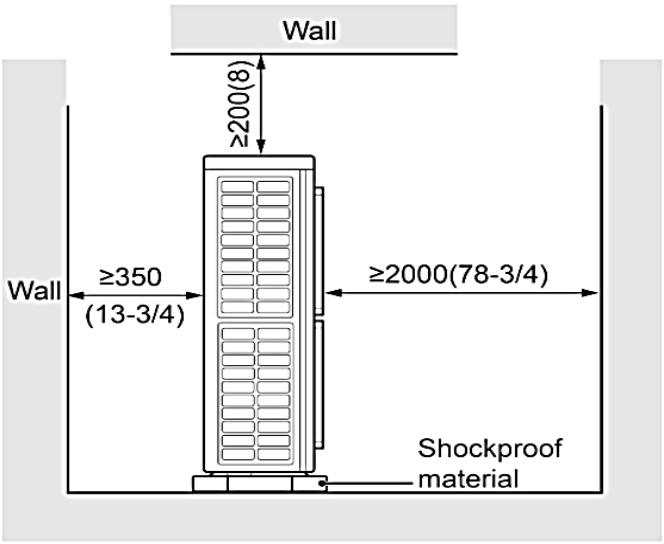
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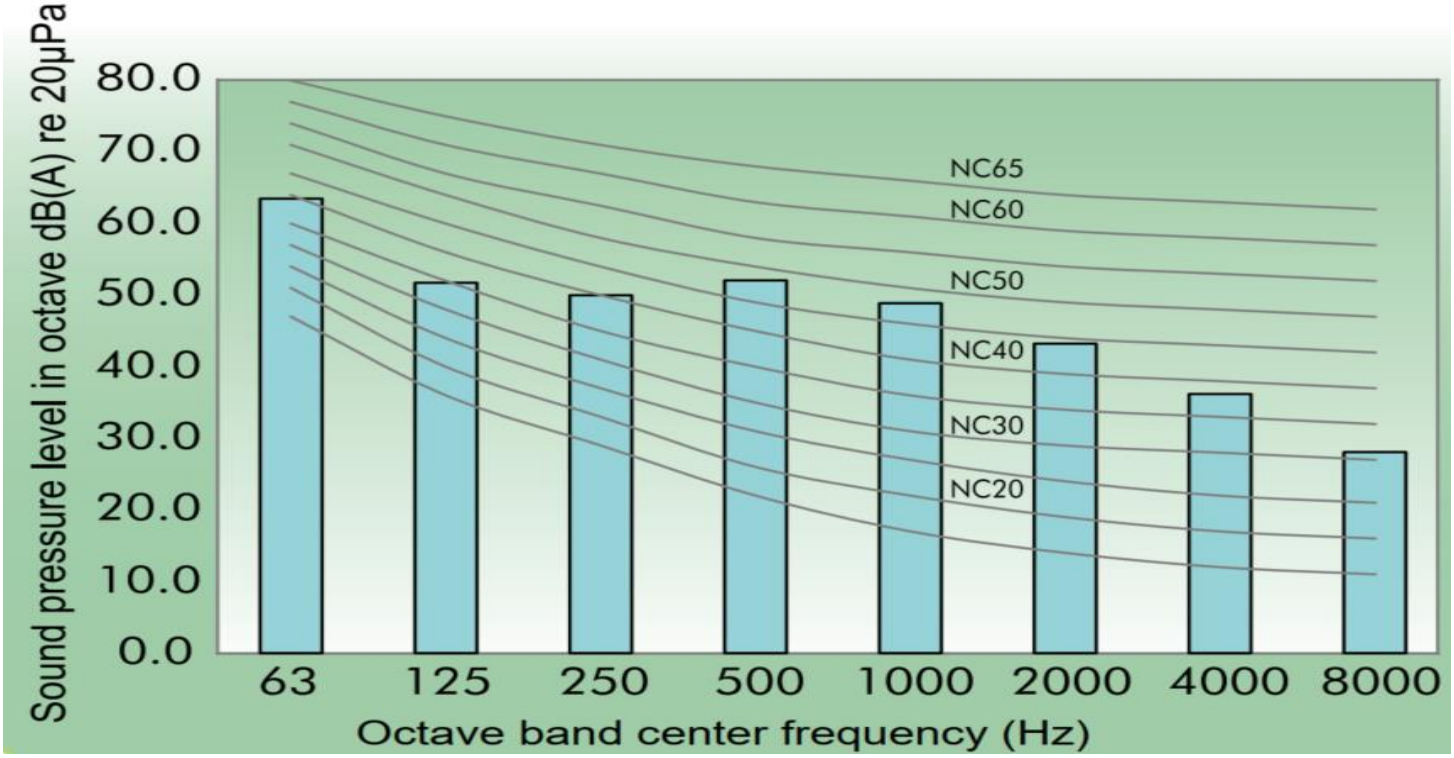
Installation Clearance

Unit: mm(inch)





Acoustic Octave-band Sound Power Data

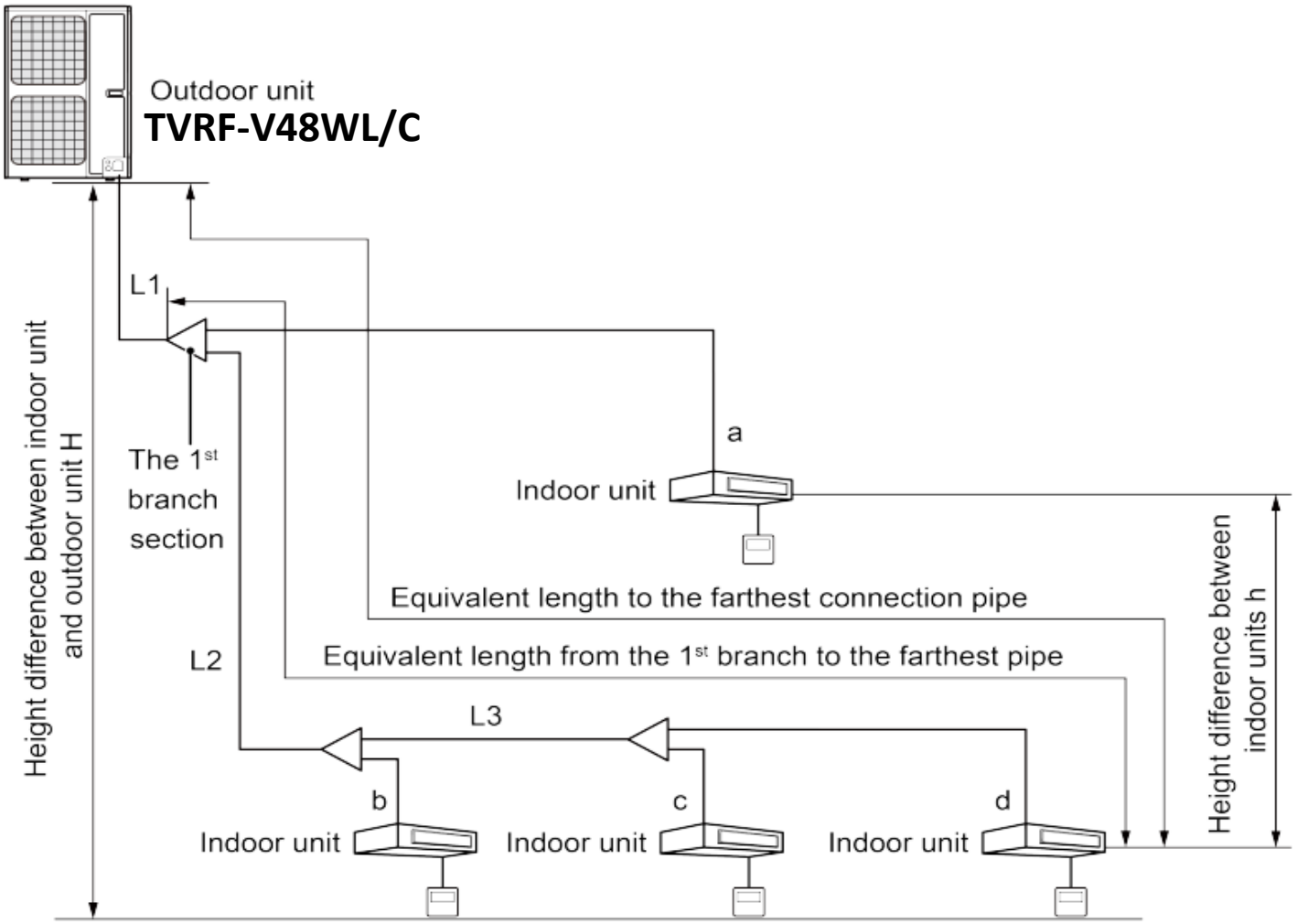


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—		Allowable Value		Fitting Pipe
		m	feet	
Total length (actual length) of fitting pipe		150	492	L1+L2+L3+a+b+c+d
Length of farthest fitting pipe	Actual length	65	213	L1+L2+L3+d
	Equivalent length	80	262	
From the 1st branch to the farthest indoor pipe		40	131	L2+L3+d
Height difference between ODU and IDU	ODU at upper side	50	164	—
	ODU at lower side	40	131	—
Height difference between IDUs		15	49	—

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