TMV- 5 mini Series

28,000 BTU / VRF SYSTEM

SUBMITTAL DATA: TMVRF-OC28KHP

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

TMVRF-OC28KHP



Model			TMVRF-OC28KHP
System Performance			
Capacity Range		Ton	2.5
Nominal Capacity	Cooling	kBtu/h	28
	Heating	kBtu/h	30
Sound Pressure Level		dB(A)	57
Operating Temperature Range	Cooling	°C/°F	-5~48 / 23~118
	Heating	°C/°F	-20~27 / -4~81
AHRI Certificate Reference Number		-	205048199 / 205082081
Cooling Capacity@95F		kBtu/h	28 / 28
SEER(Ducted/Non-Ducted)		-	18.00 / 18.00
SEER2(Ducted/Non-Ducted)		-	16.50 / 18.00
Heating Capacity@47F		kBtu/h	32 / 32
HSPF(Ducted/Non-ducted)		-	9.00 / 10.00
HSPF2(Ducted/Non-ducted)		-	7.50 / 8.50
Heating Capacity@5F(Ducted/Non-ducted)		kBtu/h	14.0 / 13.4
Electrical Data			
Power Supply		-	208/230V, 1 Phase, 60Hz
Maximum Overcurrent Protection (MOP)		A	30.0
Minimum Circuit Amps (MCA)		A	21.0
Fan			
Type x Quantity		-	Axial- flow x 1
Air Flow Volume		CFM	2,295
		m^3/h	3,900
Fan Motor Power Output		W	150
Compressor			
Compressor Type x Quantity		-	Inverter rotary x 1
Compressor Rated Load Amps (RLA)		A	11.7
Oil Type		-	FW68DA
Oil Charge Volume(Compressor charged)		L	1
Connection Piping			
Gas Pipe		inch	5/8
Liquid Pipe		inch	3/8
Refrigerant Type		-	R410A
Refrigerant Charge Amount		kg/oz	2.4 / 84.7
Dimension/Weight			
Unit Dimensions (W x D x H)		inch	38-9/16 x 14-3/16 x 31-1/8
		mm	980 x 360 x 790
Weight	Net	lbs/kg	176 / 80
	Gross	lbs/kg	198 / 90
Other			
Capacity Diversity Range(IDUs/ODU)		-	50%~135%
Moisture Protection		-	IPX4

TOSOT

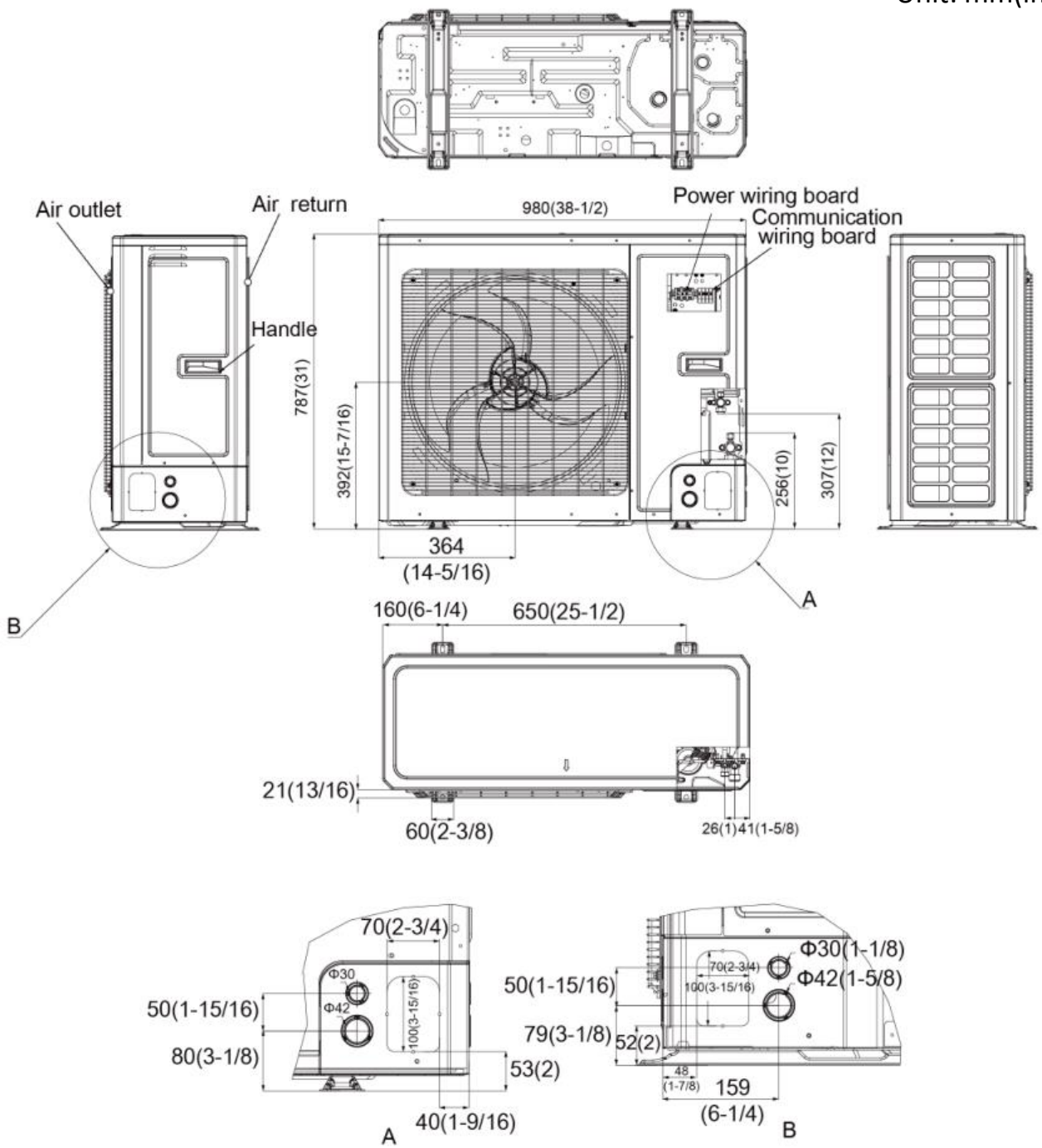
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Dimension and Installation Hole

Unit: mm(inch)



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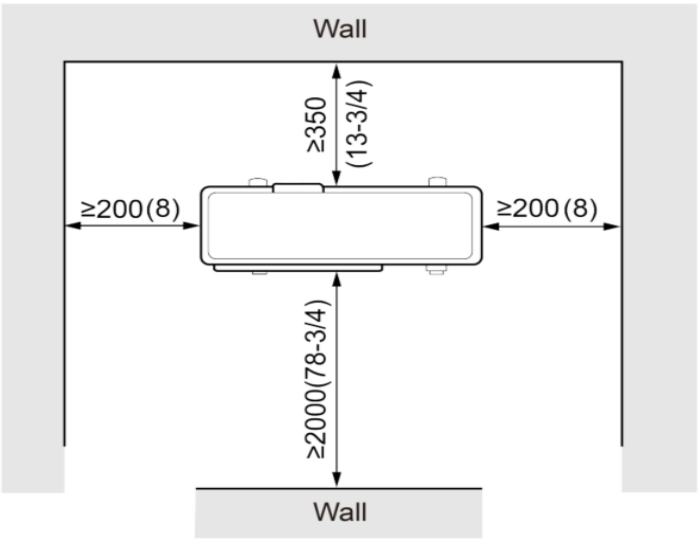
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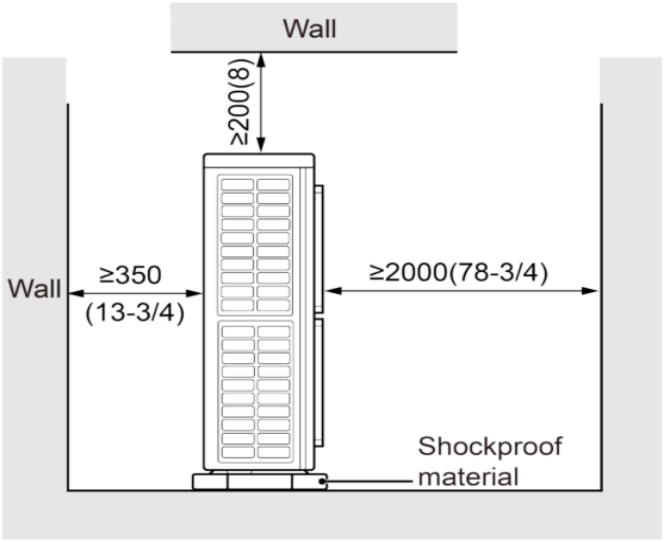
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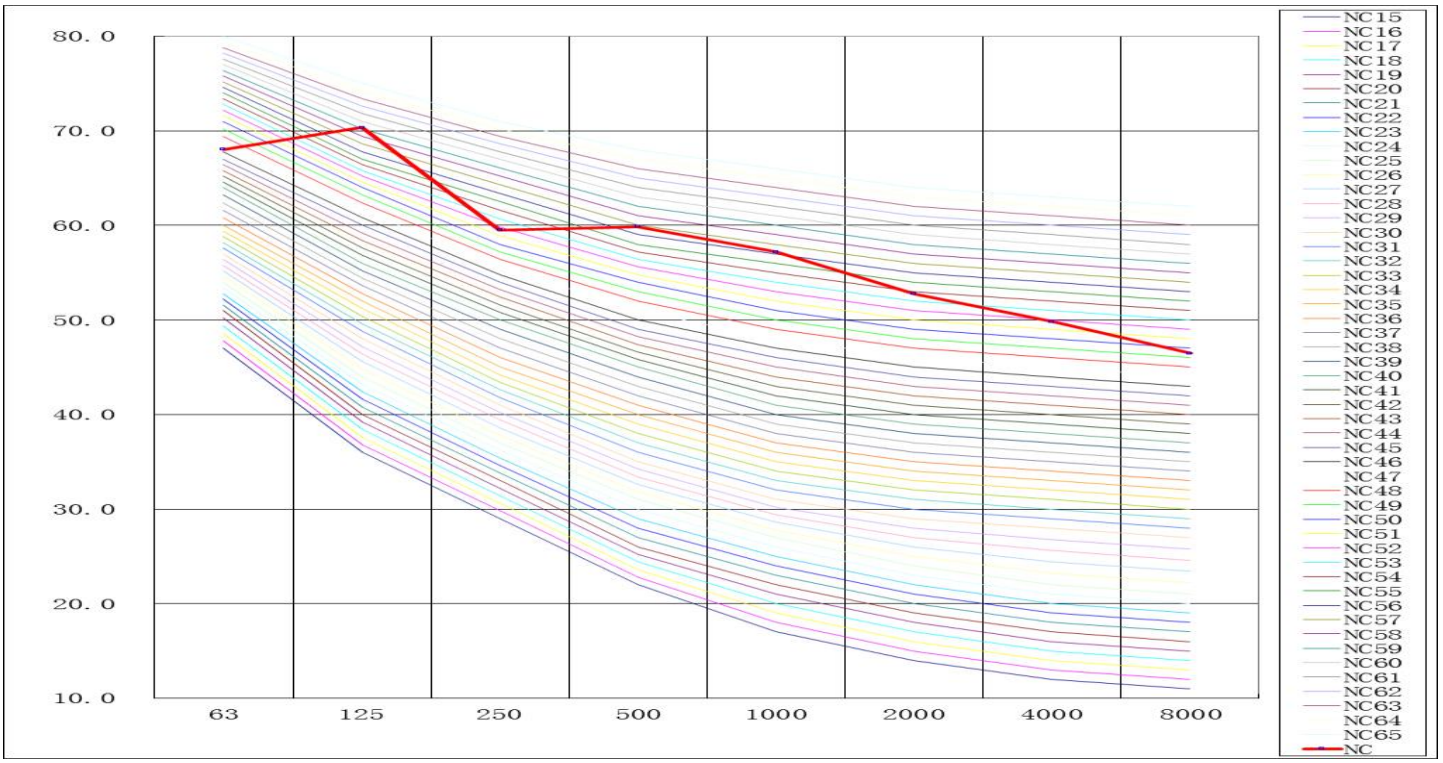
Installation Clearance

Unit: mm(inch)





Acoustic Octave-band Sound Power Data

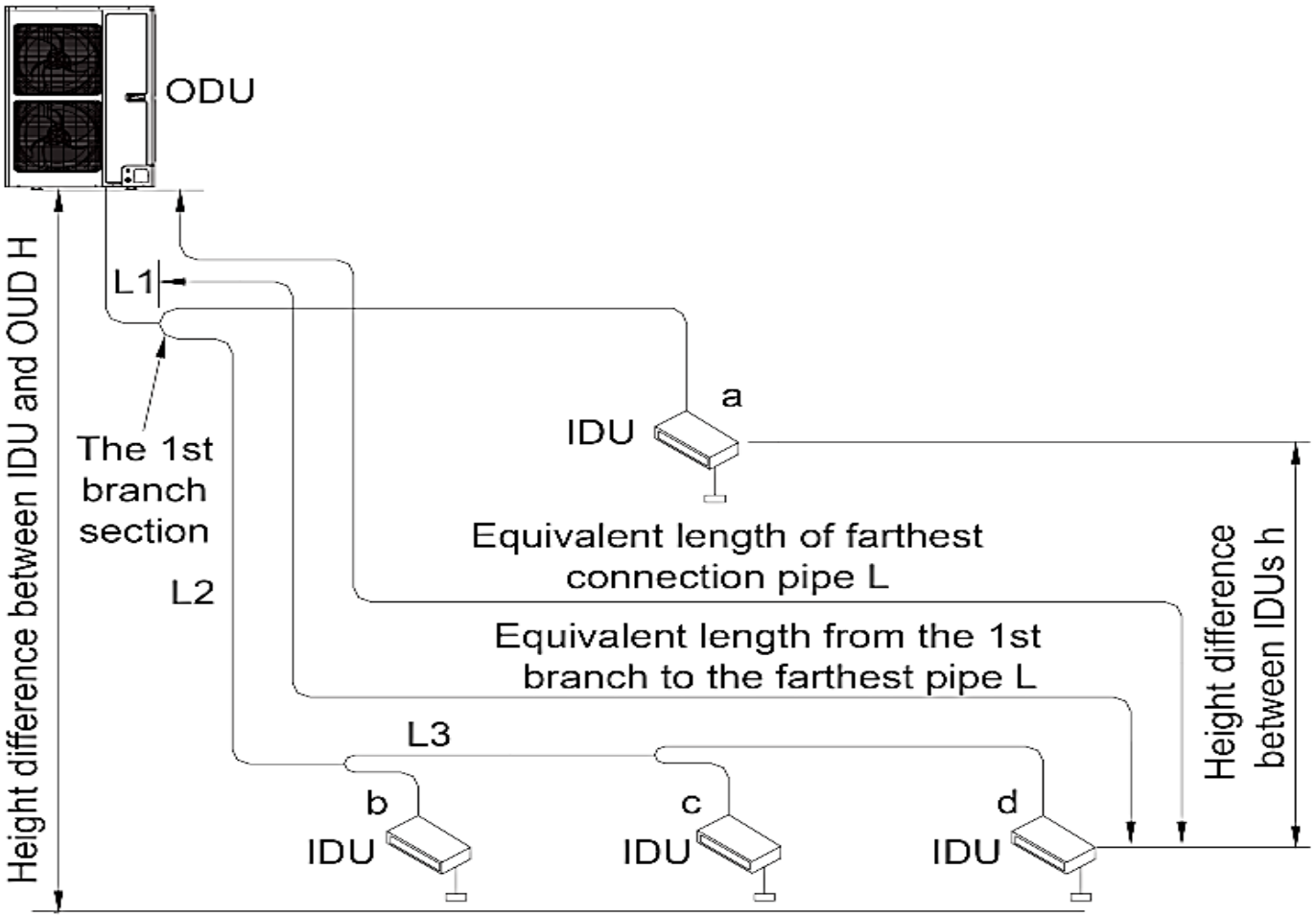


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Each Y-type branch equals to 0.5m and each branch header equals to 1.0m

		Allowable value		Fitting pipe
		m	feet	
Total length (actual length) of fitting pipe		250	820	L1+L2+L3+a+b+c+d
Length of farthest fitting pipe (m)	Actual length	100	328	L1+L2+L3+d
	Equivalent length	120	394	
From the 1st branch to the farthest indoor pipe		40	131	L2+L3+d
Height difference between ODU and IDU	ODU at upper side	30	98	——
	ODU at lower side	30	98	——
Height difference between IDUs		10	33	——

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