

208 / 230V ULTRA HEAT PUMP

GMV-V36WL/NhC-T(U):

AHRI CERTIFICATES

Non Ducted-217123443

Ducted-217123424

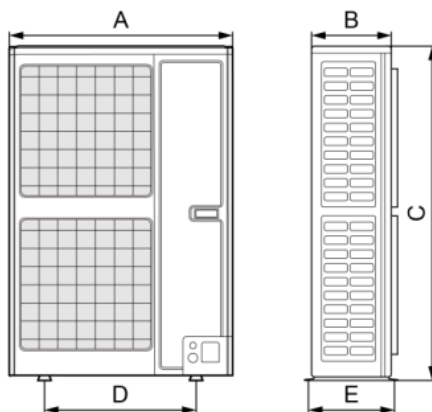
Mixed-217127984



Specification	Unit	Parameter
Model	-	GMV-V36WL/NhC-T(U)
System Performance		
Rated Cooling Capacity (Non Ducted / Ducted / Mixed)	Btu/h @95°F	36,000
Rated Heating Capacity (Non Ducted / Ducted / Mixed)	Btu/h @ 47°F	45,000
	Btu/h @ 17°F	30,000 / 27,400 / 28,800
	Btu/h @ 5°F	31,600
Sound Pressure Level	dB(A)	50
Operating Temperature Range	Cooling (Outdoor) °C/°F	23°F / 129°F
	Heating (Outdoor) °C/°F	-22°F / 81°F
AHRI Ratings (Ducted/Non-Ducted)		
EER (Non Ducted / Ducted / Mixed)	(Btu/h)	14.5 / 12.5 / 13.5
SEER (Non Ducted / Ducted / Mixed)	(Btu/h)	23.5 / 18 / 20.75
HSPF (Non Ducted / Ducted / Mixed)	(Btu/h)	9.8 / 9.1 / 9.45
COP @5°F (Non Ducted / Ducted / Mixed)	-	2.4 / 2.2 / 2.3
Electrical Data		
Power Supply	Voltage, Phase, Hertz	208 / 230V, 1PH, 60Hz.
MCA--ODU Only / IDU Powered by ODU	A	36.9 / 51.9
MOCP --ODU Only / IDU Powered by ODU	A	40 / 60
Emergency Circuit / When req. by code MCA / MOCP	A	1 / 15
Fan		
Type x Quantity	-	Axial -Flow X 2
Air Flow Volume	CFM	3530
Fan Motor Running Current	FLA	2 X 0.9
Fan Motor Power Output	W	120
Compressor		
Compressor Type x Quantity	-	Inverter Rotary
Compressor Rated Load Amps (RLA)	A	28
Compressor Refrigerant Oil Type	-	FW68L (FW68DA) PVE
Compressor Refrigerant Oil Charge Volume	L/Gal	1.5 / .396
Refrigerant Piping		
Connection Pipe	Gas (Inch)	5/8
	Liquid (Inch)	3/8
Max. Equivalent Connection Pipe Length (ODU to IDU)	Ft.	213.25
Refrigerant Charge	Oz.	137.56
Refrigerant	-	R32
Dimension / Weight		
Dimensions (W x H x D)	Inch	35-3/8 x 53 x 13-3/8
Net Weight	Lbs.	250
Other		
Indoor Unit	Total Capacity (%)	50% - 135% of outdoor unit
Safety Certification	Max Connectable Quantity	7
Condenser Fin Color	-	Gold
Protection Devices	High Pressure	High pressure sensor, High pressure switch 609 psi
	Inverted Circuit	Over-heat protection, Over Current Protection
	Compressor	Discharge Temp protection, Over-current protection

Job Name:		Date:	
System Reference No.:			
Engineer Signature:			

Outline Dimensions:

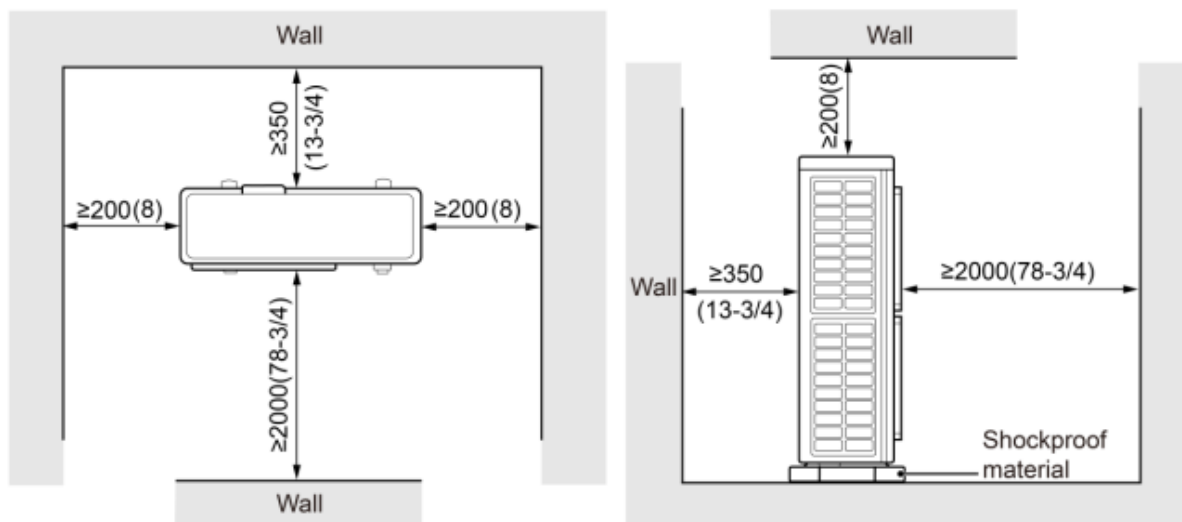


Unit: mm(inch)

Model	A	B	C	D	E
GMV-V36WL/NhC-T(U)	900 (35-3/8)	340 (13-3/8)	1345 (53)	572 (22-1/2)	378 (14-7/8)
GMV-V48WL/NhC-T(U)					
GMV-V60WL/NhC-T(U)					

Installation Space Requirements for ODU

Unit: mm(inch)



Unit:mm(in.)