

## 208 / 230V ULTRA HEAT PUMP

### GMV-V60WL/NhC-T(U):

#### AHRI CERTIFICATES

Non Ducted-216772249

Ducted-216772305

Mixed-217115272



Specification	Unit	Parameter
Model	-	GMV-V60WL/NhC-T(U)
<b>System Performance</b>		
Rated Cooling Capacity (Non Ducted / Ducted / Mixed)	Btu/h @95°F	60,000
	Btu/h @ 47°F	64,500
Rated Heating Capacity (Non Ducted / Ducted / Mixed)	Btu/h @ 17°F	41,500 / 40,000 / 40,500
	Btu/h @ 5°F	46,500
Sound Pressure Level	dB(A)	55
Operating Temperature Range	Cooling (Outdoor) °C/°F	23°F / 129°F
	Heating (Outdoor) °C/°F	-22°F / 81°F
<b>AHRI Ratings (Ducted/Non-Ducted)</b>		
EER (Non Ducted / Ducted / Mixed)	(Btu/h)	10.5 / 9.5 / 10
SEER (Non Ducted / Ducted / Mixed)	(Btu/h)	22.5 / 17.5 / 20
HSPF (Non Ducted / Ducted / Mixed)	(Btu/h)	9.2 / 8.7 / 8.95
COP @5°F (Non Ducted / Ducted / Mixed)	-	2.2 / 2 / 2.1
<b>Electrical Data</b>		
Power Supply	Voltage, Phase, Hertz	208 / 230V, 1PH, 60Hz.
MCA--ODU Only / IDU Powered by ODU	A	39.3 / 54.3
MOCP --ODU Only / IDU Powered by ODU	A	40 / 60
Emergency Circuit / When req. by code MCA / MOCP	A	1 / 15
<b>Fan</b>		
Type x Quantity	-	Axial -Flow X 2
Air Flow Volume	CFM	3885
Fan Motor Running Current	FLA	2 X 0.9
Fan Motor Power Output	W	120
<b>Compressor</b>		
Compressor Type x Quantity	-	Inverter Rotary
Compressor Rated Load Amps (RLA)	A	30
Compressor Refrigerant Oil Type	-	FW68L (FW68DA) PVE
Compressor Refrigerant Oil Charge Volume	L/Gal	1.5 / .396
<b>Refrigerant Piping</b>		
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
<b>Dimension / Weight</b>		
Dimensions (W x H x D)	Inch	35-3/8 x 53 x 13-3/8
Net Weight	Lbs.	250
<b>Other</b>		
Indoor Unit	Total Capacity (%)	50% - 135% of outdoor unit
Safety Certification	Max Connectable Quantity	10
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

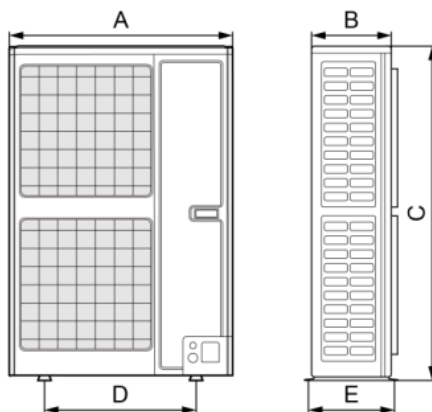
Job Name:

Date:

System Reference No.:

Engineer Signature:

### Outline Dimensions:

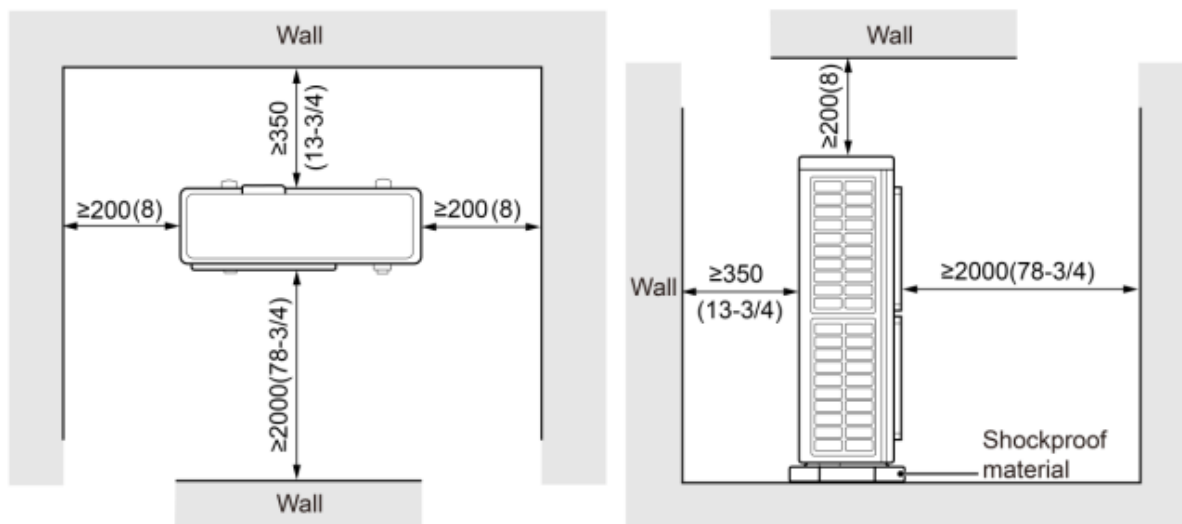


Unit: mm(inch)

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.)