

# Modular Ultra Heat Recovery 208~230V



Job Name: \_\_\_\_\_ Date: \_\_\_\_\_

System Reference No.: \_\_\_\_\_ Engineer Signature: \_\_\_\_\_

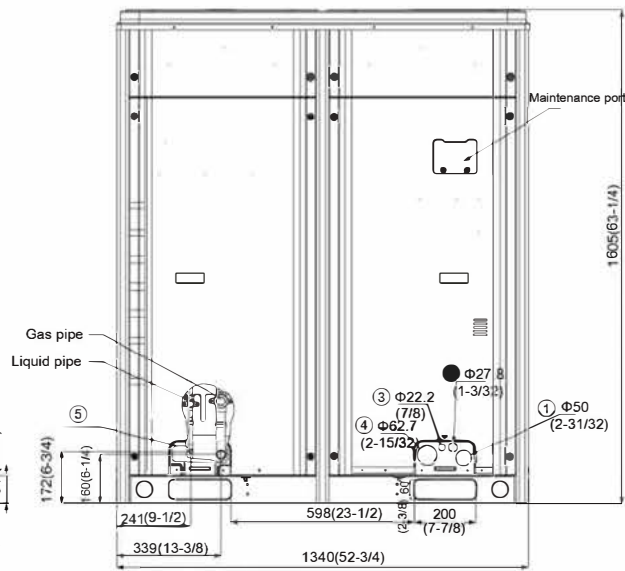
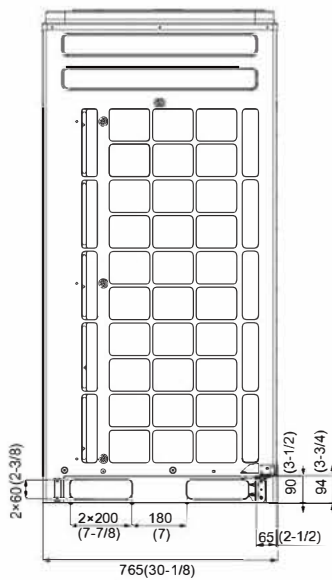
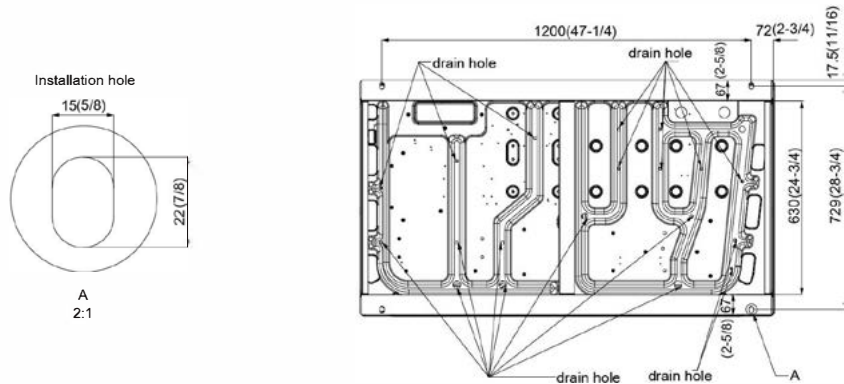
## Model: GMV-VQ72W/A-F(U)



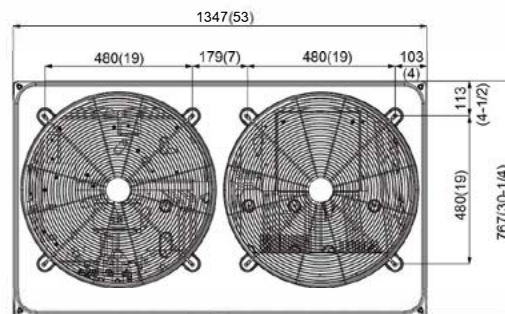
Specifications	Unit	Parameter
<b>Performance</b>		GMV-VQ72W/A-F(U)
Rated Cooling Capacity(*1)	kBtu/h	69
Rated Heating Capacity(*2)	kBtu/h	77
Power Input	Cooling(kw)	6.10
	Heating(kw)	6.64
Sound Pressure Level	dB(A)	60
Operating Temperature Range	Cooling(Outdoor) °C/°F	-10~52 / 14~125.6
	Heating(Outdoor) °C/°F	-30~24 / -22~75.2
<b>AHRI Ratings (Ducted/Non-Ducted)</b>		
EER		11.2 / 11.3
SEER		18 / 21
COP		2.25~3.3 / 2.25~3.4
<b>Electrical Data</b>		
Power supply	Voltage, Phase, Hertz	208/230, 3, 60
Maximum Overcurrent Protection (MOP)	A	50
Minimum Circuit Amps (MCA)	A	40
<b>Fan</b>		
Type x Quantity		Axial-flow x 2
Air Flow Volume	CFM	8240
Fan Motor Power Output	W	750 + 750
Max. External Static Pressure	In. W.G	0.33
<b>Compressor</b>		
Compressor Type x Quantity		Inverter Rotary x 2
Compressor Rated Load Amps (RLA)	A	14
Compressor Refrigerant Oil type		FV50S
Compressor Refrigerant Oil Charge Volume	L/Gal	1.35 / 0.36
<b>Refrigerant Piping</b>		
Connection Pipe	High Pressure Gas (inch)	3/4
	Low Pressure Gas (inch)	1-1/8
	Liquid (inch)	1/2
Max. Equivalent Connection Pipe Length (OD to ID)	ft	541
Refrigerant Charge	lbs	27.56
Refrigerant		R410A
<b>Dimension/Weight</b>		
Dimensions (HxWxD)	inch	63-1/8 x 52-3/4 x 30-1/8
Net Weight	lbs	820
<b>Other</b>		
Indoor Unit	Total Capacity(%)	50%-135% of outdoor unit
	Max Connectable Quantity	12
Safety Certification		ETL / AHRI / ENERGY STAR
Condenser Fin Color		Gold
Protection Devices	High Pressure	High pressure sensor, High pressure switch 601 psi (4.15 MPa)
	Inverter Circuit	Over-heat protection, Over-current protection
	Compressor	Discharge temp protection, Over-current protection

\*1 Cooling | Indoor: 80°F(26.7°C)DB / 67°F(19°C)WB; Outdoor: 95°F(35°C)DB  
 \*2 Heating | Indoor: 70°F(21.1°C)DB / Outdoor: 47°F(8.3°C)DB / 43°F(6°C)WB

# Outline and Physical Dimensions of GMV-VQ72W/A-F(U).



No.	Usage	Size mm(in.)
●	Wire	Φ50(2-31/32)
②		Φ27.8(1-3/32)
③		Φ22.2(7/8)
④		Φ62.7(2-15/32)
●	Pipe	180×53(7×2)



Unit:mm(in.)

NOTE: SEACOAST protection available upon request.

