

Modular Ultra Heat Recovery 208~230V



Job Name: _____ Date: _____

System Reference No.: _____ Engineer Signature: _____

Model: GMV-VQ96W/A-F(U)



Specifications	Unit	Parameter
Performance		GMV-VQ96W/A-F(U)
Rated Cooling Capacity(*1)	kBtu/h	92
Rated Heating Capacity(*2)	kBtu/h	103
Power Input	Cooling(kw)	8.21
	Heating(kw)	8.63
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
AHRI Ratings (Ducted/Non-Ducted)		
EER		11
SEER		18 / 21
COP		2.25~3.35 / 2.25~3.4
Electrical Data		
Power supply	Voltage, Phase, Hertz	208/230, 3, 60
Maximum Overcurrent Protection (MOP)	A	60
Minimum Circuit Amps (MCA)	A	45
Fan		
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
Compressor		
Compressor Type x Quantity		Inverter Rotary x 2
Compressor Rated Load Amps (RLA)	A	16
Compressor Refrigerant Oil type		FV50S
Compressor Refrigerant Oil Charge Volume	L/Gal	1.35 / 0.36
Refrigerant Piping		
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
Dimension/Weight		
Dimensions (HxWxD)	inch	63-1/8 x 52-3/4 x 30-1/8
Net Weight	lbs	820
Other		
Indoor Unit	Total Capacity(%)	50%-135% of outdoor unit
	Max Connectable Quantity	17
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

