

Heat Recovery 208~230V



Job Name: _____ Date: _____

System Reference No.: _____ Engineer Signature: _____

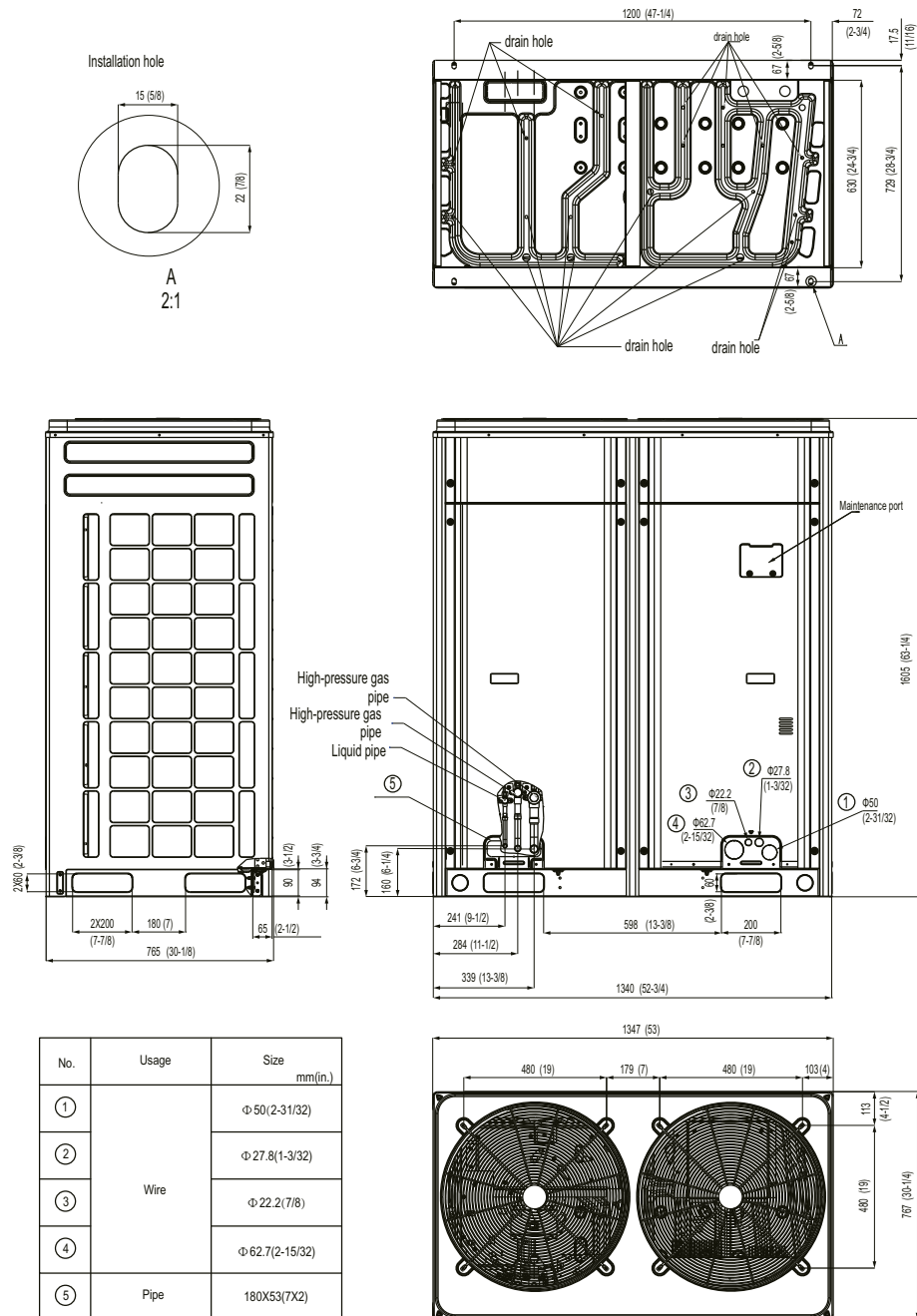
Model: GMV-Q144WM/B1-F(U)



Specifications		Unit	Parameter
Performance			GMV-Q144WM/B1-F(U)
Rated Cooling Capacity(*1)		kBtu/h	144
Rated Heating Capacity(*2)		kBtu/h	162
Power Input	Cooling(kw)		12.93
	Heating(kw)		12.8
Sound Pressure Level		dB(A)	64
Operating Temperature Range	Cooling(Outdoor) °C/°F		-5~52 / 23~125.6
	Heating(Outdoor) °C/°F		-20~24 / -4~75.2
AHRI Ratings (Ducted/Non-Ducted)			
EER			10.6
SEER			19 / 22
COP			2.05~3.2 / 2.2~3.55
Electrical Data			
Power supply	Voltage, Phase, Hertz		208/230, 3, 60
Maximum Overcurrent Protection (MOP)	A		70
Minimum Circuit Amps (MCA)	A		55
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 Scroll x 2
Compressor Refrigerant Oil type			FVC68D or FV-68H
Compressor Refrigerant Oil Charge Volume	L/Gal		7.2 / 1.9
Refrigerant Piping			
Connection Pipe	High Pressure Gas (inch)		7/8
	Low Pressure Gas (inch)		1-1/8
	Liquid (inch)		1/2
Max. Equivalent Connection Pipe Length (OD to ID)	ft		541
Refrigerant Charge	lbs		25.79
Refrigerant			R410A
Dimension/Weight			
Dimensions (HxWxD)	inch		63-1/4 x 52-3/4 x 30-1/8
Net Weight	lbs		816
Other			
Indoor Unit	Total Capacity(%)		50%-135% of outdoor unit
	Max Connectable Quantity		23
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-Q144WM/B1-F(U).



NOTE: SEACOAST protection available upon request.

