GMV SUBMITTAL

GREE COMMERCIAL

460V Heat Recovery

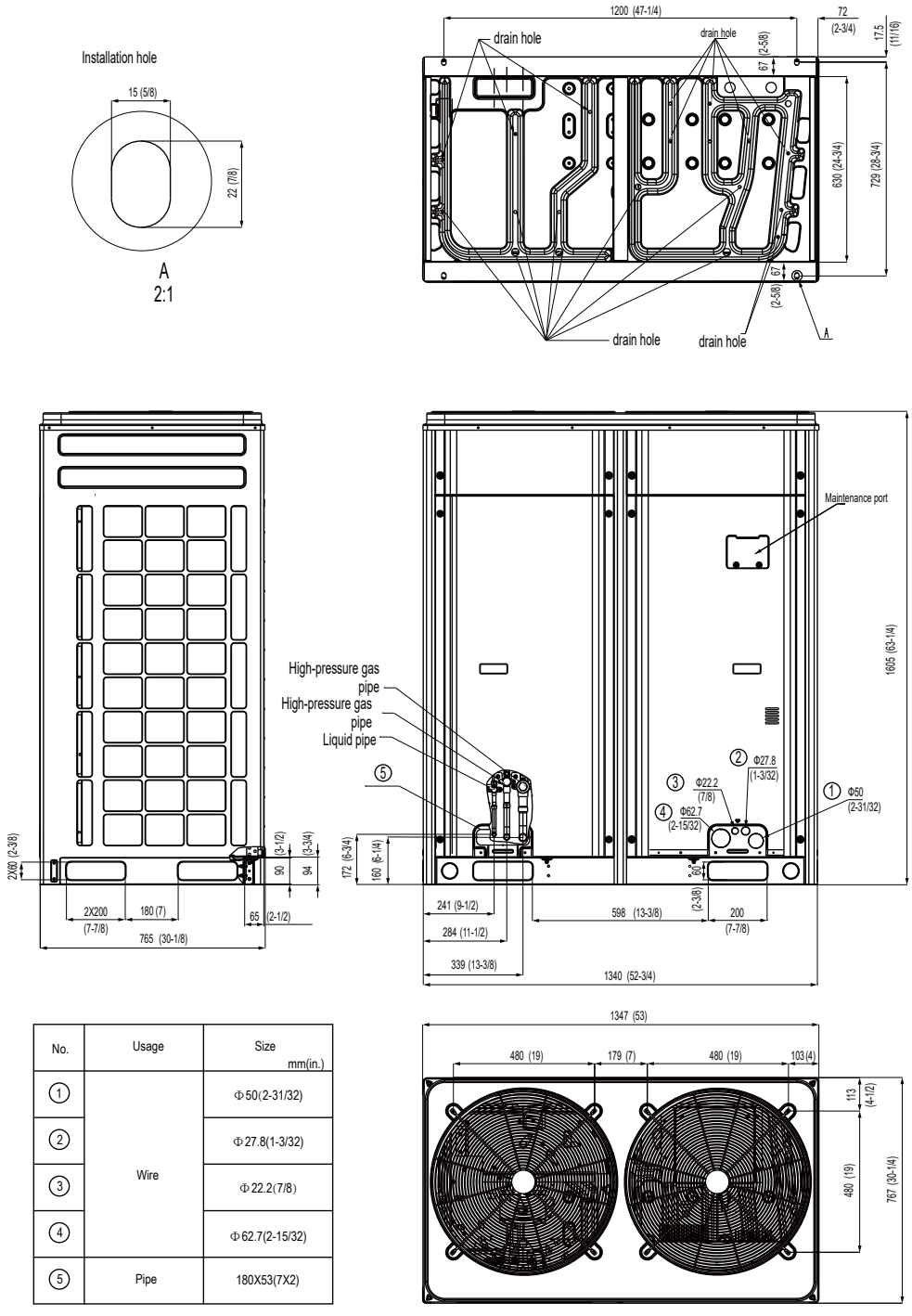
Model: GMV-Q96WM/B-U(U)

Specifications	Unit	Parameter
Model	—	GMV-Q96WM/B-U(U)
Performance		
Rated Cooling Capacity (*1)	kBtu/h	96
Rated Heating Capacity (*2)	kBtu/h	108
Power Input	Cooling(kw)	7.3
	Heating(kw)	7.85
Sound Pressure Level	dB(A)	62
Operating Temperature Range	Cooling (Outdoor) ℃/℉	-5~52/23~125.6
	Heating (Outdoor) ℃/℉	-20~24/-4~75
AHRI Ratings(Ducted/Non-Ducted)		
EER	(Btu/h)/W	11/11.2
IEER	(Btu/h)/W	20.5/23.5
COP	W/W	2.25~3.3/2.4~3.5
Electrical Data		
Power Supply	V/Ph/Hz	460/3/60
Maximum Overcurrent Protection (MOP)	A	25
Minimum Circuit Amps (MCA)	A	18
Fan		
Type x Quantity	—	Axial-flow×2
Air Flow Volume	CFM	8239
Fan Motor Power Output	W	750
Max.External Static Pressure (ESP)	Pa/In.W.G	82/0.33
Compressor		
Compressor Type x Quantity	—	Inverter Scroll×1
Compressor Refrigerant Oil Type	—	FV68H
Compressor Refrigerant Oil Charge Volume	L/Gal	5.1/1.35
Refrigerant Piping		
Connection Pipe	High Pressure Gas(mm/inch)	Φ19.05/Φ3/4
	Low Pressure Gas(mm/inch)	Φ22.2/Φ7/8
	Liquid(mm/inch)	Φ9.52/Φ3/8
Max. Equivalent Connection Pipe Length (ODU to IDU)	m/ft	165/541
Refrigerant Charge	kg/oz	11.2/395.1
Refrigerant	—	R410A
Dimension/Weight		
Dimensions (H×W×D)	mm/inch	1605×1340×765 (63-1/5×52-3/4×30-1/8)
Net Weight	kg/lbs	315/694.6
Other		
Indoor Unit	Total Capacity (%)	50%~135%
	Max Connectable Quantity	16
Certification	—	ETL/AHRI
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℉ (26.7℃) DB / 67℉ (19℃) WB; Outdoor: 95℉ (35℃) DB
*2 Heating | Indoor: 70℉ (21.1℃) DB / Outdoor: 47℉ (8.3℃) DB / 43℉ (6℃) WB

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

Outline and Physical Dimensions of GMV-Q96WM/B-U(U).



No.	Usage	Size mm(in.)
①	Wire	Φ50(2-31/32)
②		Φ27.8(1-3/32)
③		Φ22.2(7/8)
④		Φ62.7(2-15/32)
⑤	Pipe	180X53(7X2)

Unit:mm(in.)

R410A INVERTER ETL AHRI CERTIFIED www.ahridirectory.org

GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI
Add: West Jinji Rd., Qianshan, Zhuhai, Guangdong, China, 519070
Tel: (+86-756) 8522218 Fax: (+86-756)8669426 E-mail: gree@gree.com.cn www.gree.com