

## 208~230V Modular Solar GMV

Model:  
GMV-Y72WM/C-F(U)

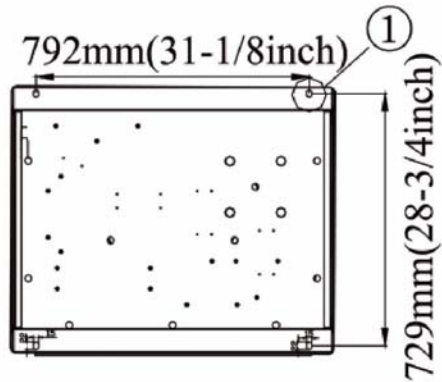


Specification	Unit	Parameter
Model	—	GMV-Y72WM/C-F(U)
<b>Performance</b>		
Rated Cooling Capacity ( *1 )	kBtu/h	72
Rated Heating Capacity ( *2 )	kBtu/h	81
Power Input	Cooling(kw)	5.45
	Heating(kw)	5.8
Operating Temperature Range	Cooling ( Outdoor ) °C/F	-5~52/23~125.6
	Heating ( Outdoor ) °C/F	-20~24/-4~75
Sound Pressure Level	dB(A)	60
<b>AHRI Ratings(Ducted/Non-Ducted)</b>		
EER	W/W	11.1/11.3
IEER	—	21.5/22
COP	W	3.4/3.5
<b>Dimension</b>		
External Dimensions (H x W x D)	inch/mm	36 5/8×63 1/4×30 1/8 (930×1605×765)
Net Weight	lbs/kg	487 (221)
From ODU to First Point or Header	Liquid ( mm/inch )	9.52 (3/8)
	Gas ( mm/inch )	19.05(3/4)
Max. Refrigerant Line Length(Between ODU&IDU)	ft.	541
Max. Control Wiring Length	ft.	3280
<b>Electrical Data ( AC )</b>		
Power Supply Requirement	Voltage,Phase, Hertz	208/230, 3, 60
Minimum Circuit Ampacity (MCA)	A	35.3(208V)/30.3(240V)
Maximum Overcurrent Protection (MOP)	A	45(208V)/40(240V)
<b>Solar DC Electrical Data ( DC )</b>		
Range of Allowable Open Circuit Input Voltage	V	550~1000
Range of Input Operating Voltage	V	500~780
Max. Solar Short Circuit Current	A	15
Recommended Qty of Solar Panel *Base on Yingli model YL325D-36b (Single-series)	—	14~21
Recommended Qty of Solar Panel *Base on Yingli model YL325D-36b (2-series)	—	28~42
Built-in Inverter	—	GIE-ADC12K5E
<b>Fan</b>		
Type x Quantity	—	Axial-flow×1
Airflow Volume	CFM	6710
External Static Pressure	Pa/In.W.G	82/0.33
<b>Other</b>		
Indoor Unit	Total Capacity	50%~135% of that of outdoor units.
	Max Connectable Quantity	13
Fin Material	—	Copper tube-Aluminum
Condenser Fin Color	—	Gold
Compressor Type x Quantity	—	Inverter Scroll x 1
Refrigerant Charge	kg/oz	6.5/229.3
Refrigerant	—	R410A
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

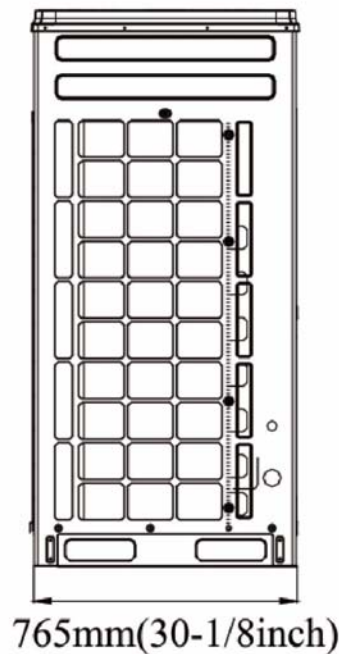
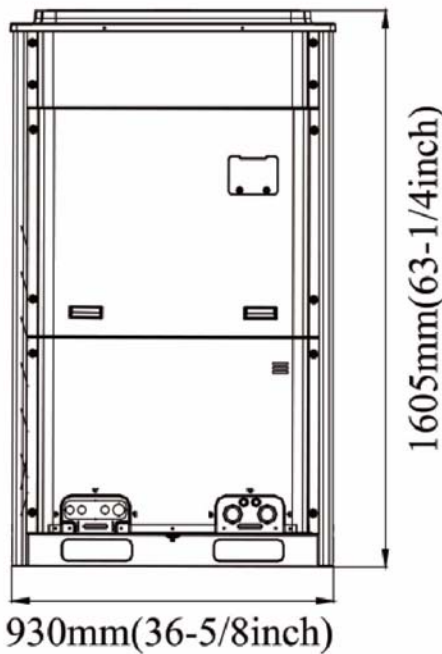
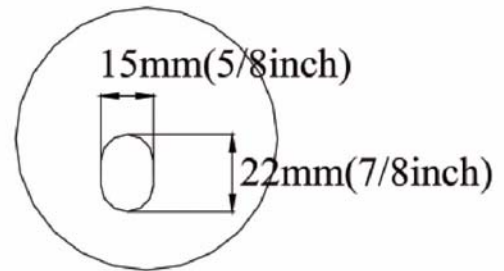
\*1 Cooling | Indoor: 80°F ( 26.7°C ) DB / 67°F ( 19°C ) WB; Outdoor: 95°F ( 35°C ) DB  
\*2 Heating | Indoor: 70°F ( 21.1°C ) DB / Outdoor: 47°F ( 8.3°C ) DB / 43°F ( 6°C ) WB

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

## Outline and Physical Dimensions of GMV-Y72WM/C-F(U).



① Installation hole



Unit:mm(in.)

