

208~230V Mini Solar GMV

Model:
GMV-Y36WL/A-T(U)



Specification	Unit	Parameter
Model	—	GMV-Y36WL/A-T(U)
Performance		
Rated Cooling Capacity (*1)	kBtu/h	37.5
Rated Heating Capacity (*2)	kBtu/h	42
Power Input	Cooling(kw)	2.8
	Heating(kw)	3.1
Operating Temperature Range	Cooling (Outdoor) °C/°F	-5~48/23~118
	Heating (Outdoor) °C/°F	-20~27/-4~81
Sound Pressure Level	dB(A)	62
AHRI Ratings(Ducted/Non-Ducted)		
EER	W/W	3.93
SEER/HSPF	—	15~16/8.2~9
COP	W	3.97
Dimension		
External Dimensions (H x W x D)	In.(mm)	35-7/16 × 13-3/8 × 52-15/16 (900 × 340 × 1345)
Net Weight	lbs/kg	271.2 (123)
From ODU to First Point or Header	Liquid (mm/inch)	9.52 (3/8)
	Gas (mm/inch)	15.9 (5/8)
Max. Refrigerant Line Length(Between ODU&IDU)	ft.	394
Max. Control Wiring Length	ft.	4920
Electrical Data (AC)		
Power Supply Requirement	Voltage,Phase, Hertz	208/240, 1, 60
Minimum Circuit Ampacity (MCA)	A	32
Maximum Overcurrent Protection (MOP)	A	35
Solar DC Electrical Data (DC)		
Range of Allowable Open Circuit Input Voltage	V	120-440VDC
Range of Input Operating Voltage	V	100-380VDC
Max. Solar Short Circuit Current	A	15A
Recommended Qty of Solar Panel *Base on Yingli model YL325D-36b (Single-series)	—	4~10
Recommended Qty of Solar Panel *Base on Yingli model YL325D-36b (2-series)	—	8~20
Fan		
Type x Quantity	—	Axial-flow×2
Airflow Volume	CFM	3531
Other		
Indoor Unit	Total Capacity	50%~135% of that of outdoor units.
	Max Connectable Quantity	7
Fin Material	—	Copper tube-Aluminum
Condenser Fin Color	—	Gold
Compressor Type x Quantity	—	Inverter Rotary x 1
Refrigerant Charge	kg/oz	3.3/116.4
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

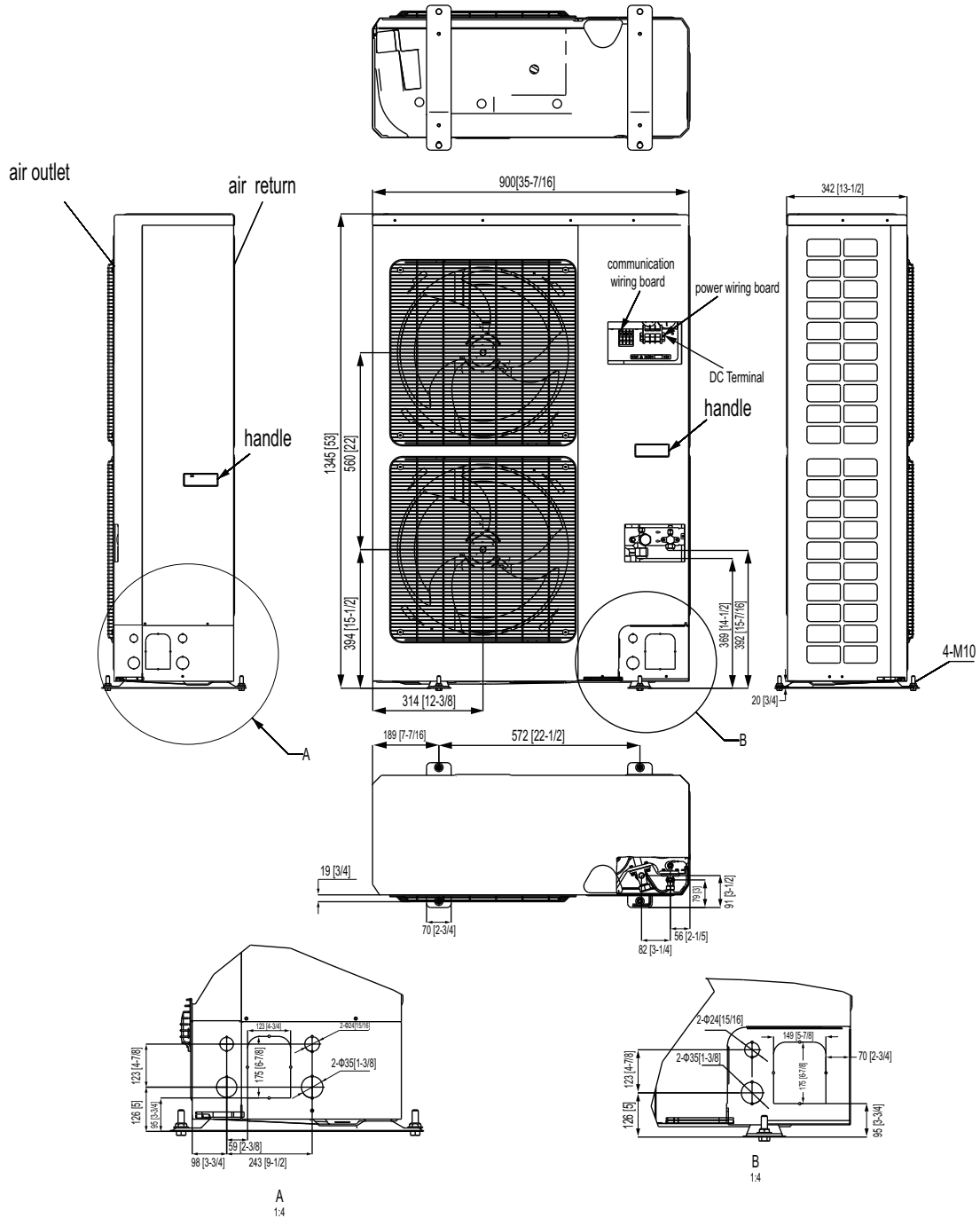
*1 Cooling | Indoor: 80°F (26.7°C) DB / 67°F (19°C) WB; Outdoor: 95°F (35°C) DB

*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-Y36WL/A-T(U).



Unit:mm(in.)

