

Submittal Data: GRS-CQ16PD/NAE-D

Versati II Air-To-Water System (Without Hot Water Tank & Heater for Tank)

Job Name _____ Location _____ Date _____

Purchaser _____ Engineer _____

Submitted to: _____ For Reference Approval Construction

Unit Designation _____ Schedule No. _____

GENERAL FEATURES

- Air-to-Water Heat Pump System for Sanitary water tank, Radiant Floor and Fan Coil
- High efficiency plate heat exchanger
- Intelligent Temperature Control
- Water heating up to 140 F
- User-Friendly Controller
- 10 Years parts warranty



HYDRO BOX
GRS-CQ16PD/NAE-D/I



HEAT PUMP OUTDOOR
GRS - CQ16PD/NAE - D/o

System Ratings

Cooling

Floor cooling	49474 Btu/hr
Power Input (floor cooling)	12966 Btu/hr
EER (floor cooling)	3.8
Fan coil cooling	33096 Btu/hr
Power input (fan coil cooling)	11260 Btu/hr
EER (fan coil cooling)	2.9

Heating

Floor heating	52886 Btu/hr
Power Input (floor heating)	12795 Btu/hr
COP (floor heating)	4.10
Fan coil heating	49474 Btu/h
Power input (fan coil heating)	15354 Btu/hr
COP (fan coil heating)	3.2

Refrigerant piping

Max pipe length	99 ft
Vertical limit	50 ft
Chargeless	35 ft
Additional charge	0.53 oz per additional ft

Operating Range

Cooling	(Max)	(48 C/118 F)
	(Min)	(10 C/50 F)
Heating	(Max)	(35 C/95F)
	(Min)	(-20 C/-4 F)

Power Supply

Normal Operational Voltage (Indoor Unit)	220-240 V, 1 Phase, 60 Hz
Communication wire gauge	18/4

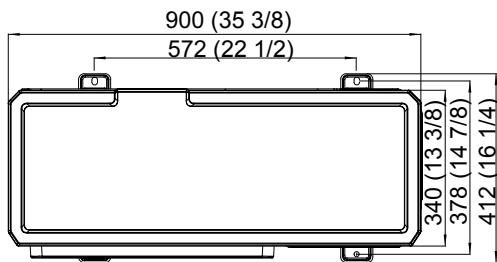
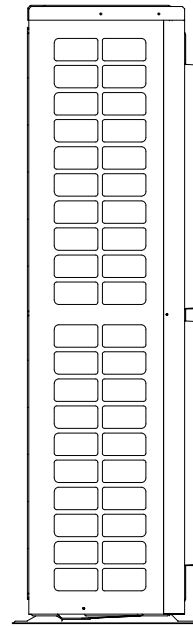
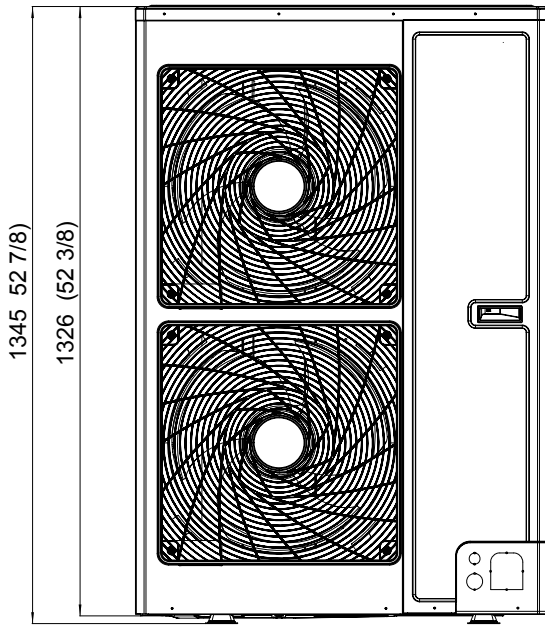
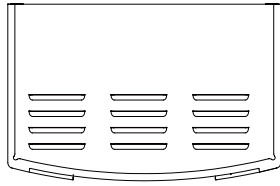
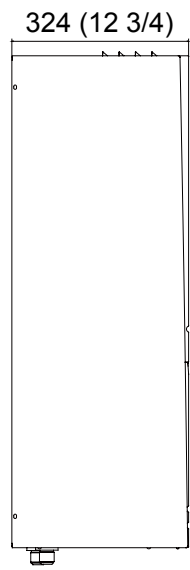
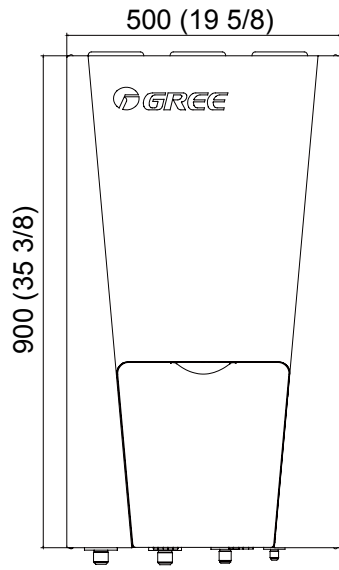
Indoor Unit Data

Electric heater Capacity	4.2 kW (2.1+2.1KW)
Power Input	4.2 kW
Max circuit breaker	Without tank 40A With tank (3.5 kW) 50A With tank (4.5 kW) 60A
Pump (not included)	
Power Input	200W
Minimum Flow Rate	7.5 LPM/1.98 US Gpm
Water inlet/outlet piping connect.	1-in male BSP 1-in female BSP x 1-in male NPT (adaptor included)
Sound Pressure Level	
Cooling	31 dB (A)
Heating	31 dB (A)
Dimensions & Weights	
Unit Dimensions (LxHxD)	35 3/8x12 3/4x19 5/8-in
Weight (Net/Shipping)	125.66 LBS

Outdoor Unit Data

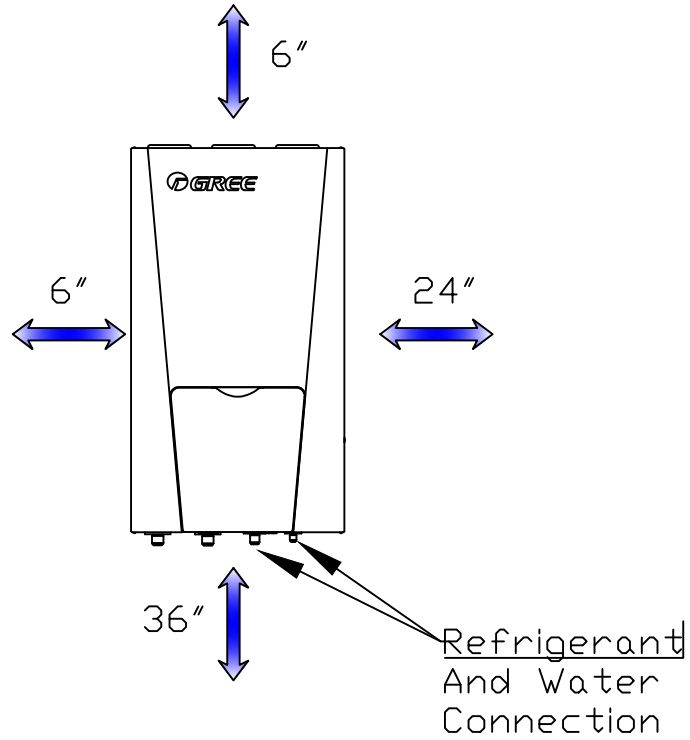
Compressor	Hermetically inverter compressor
Refrigerant Type	R410A
Max Circuit Breaker	← MCA - 37AMPS 40A
Sound Pressure	
Cooling	58 db(A)
Heating	57 db(A)
Dimensions & Weights	
Unit Dimensions (LxHxD)	35 3/8 × 52 3/4 × 16 1/4-in
Weight (Net/Shipping)	218.258LBS
Refrigerant Piping Data	
Gas Pipe Size (OD)	5/8-in
Liquid Pipe Size (OD)	3/8-in
Connection Method	Flared





Minimum Clearance

GRS-CQ16PD/NAE-D/I - VERSATI INDOOR UNIT



GRS-CQ16PD/NAE-D/I - VERSATI OUTDOOR UNIT

