


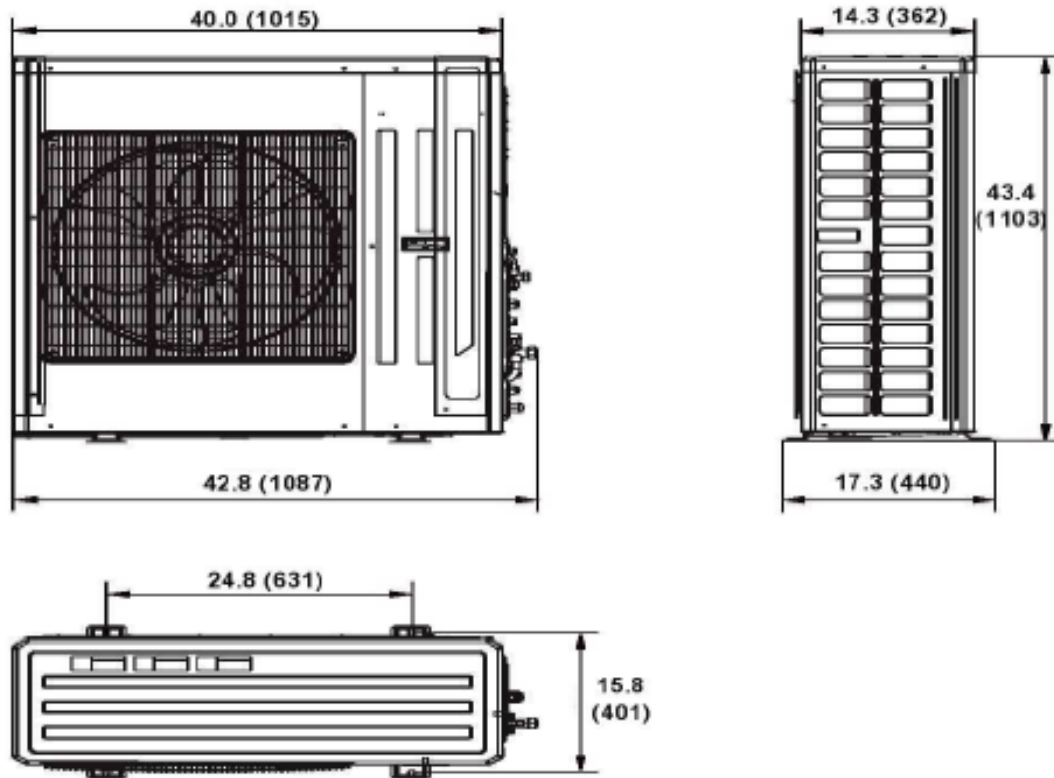


Submittal Data: GWHD(42)ND3EO		42,000 BTU/H 3 rd Gen. Free Match Outdoor Unit Heat Pump													
Job Name	Location	Date													
Purchaser	Engineer														
Submitted to:	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction														
Unit Designation	Schedule No.														
GENERAL FEATURES - Matches with up to 5 indoor units - Compact Design - High Efficiency G10 DC Inverter Technology - Low Voltage Start-up - Intelligent Defrosting - Able to Cool at High Temperature of 48°C (118°F) - Able to Heat at Low Temperature of -20°C (-4°F) - All models are with electric heater band															
System Ratings		Outdoor Unit Data													
Cooling Rated Capacity 38,999 BTU/H Capacity Range 8,871-40,944 BTU/H Power Input 3,740 W SEER 21 EER 10.43		Compressor DC Inverter Driven Rotary Compressor Capacity 12300 W Compressor Rated Load Amp (RLA) 17.8 A													
Heating at 47° F Rated Capacity 45,004 BTU/H Capacity Range 8,871-46,062 BTU/H Power Input (Max) 3,650 W HSPF 10.2 COP 12.33		Fan Motor Fan motor Full Load Amp (FLA) 0.82 A Fan motor Power Output 170 W													
		Refrigerant Type R410A													
		Sound Sound Pressure Level 61 db(A) Sound Power Level 71 db(A)													
		Airflow Volume (Max) 4531 CFM													
		Dimensions & Weights Unit Dimensions (LxHxD) 42.8 x 43.4 x 17.3-in Weight (Net/Shipping) 198.4 /216.1 LBS													
		Min Number of Indoor Units 2 Max. Number of Indoor Units 5													
Operating Range <table border="0"> <tr> <td>Cooling</td> <td>(Max)</td> <td>(48 C)</td> </tr> <tr> <td></td> <td>(Min)</td> <td>(-18 C)</td> </tr> <tr> <td>Heating</td> <td>(Max)</td> <td>(30 C)</td> </tr> <tr> <td></td> <td>(Min)</td> <td>(-20 C)</td> </tr> </table>		Cooling	(Max)	(48 C)		(Min)	(-18 C)	Heating	(Max)	(30 C)		(Min)	(-20 C)	Refrigerant Piping Data Gas Pipe Size (OD) 3/8-in Liquid Pipe Size (OD) 1/4-in Connection Method Flared MAX Refrigerant Pipe Length (Outdoor to last Indoor) 82-ft MAX Refrigerant Pipe Length Distance (Total Length) 246.1-ft MAX Refrigerant Pipe Height Distance (Indoor & Outdoor) 49.2 ft MAX Refrigerant Pipe Height Distance (Indoor & Indoor) 24.6-ft	
Cooling	(Max)	(48 C)													
	(Min)	(-18 C)													
Heating	(Max)	(30 C)													
	(Min)	(-20 C)													
Power Supply Normal Operational Voltage 220 V, 1 Phase, 60 Hz Voltage Range 187-253 V Circuit Breaker 40 A Interconnecting Cable Wire Size 4 mm ² Recommended Power Cable (Core) 3 N															
		 													

Units: inch (mm)

42,000 BTUH MODEL



Suction/Gas Line Port Size	
Port #1	3/8-in OD Flared
Port #2	
Port #3	
Port #4	
Port #5	

Liquid Line Port Size	
Port #1	1/4-in OD Flared
Port #2	
Port #3	
Port #4	
Port #5	

MINIMUM SPACING REQUIREMENTS

Units: inch (mm)



Notes:

1. Recommended Interconnecting Cable Type: Stranded Bare Copper Conductors THHN 600V Unshielded Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.

