



SUBMITTAL DATA

Multi Zone 21 Seer 24KBTU

Model: GWHD(24)ND6MO

Job Name

Purchaser

Submitted to

Unit Designation

Location

Date

Engineer

For

Schedule No.



GENERAL FEATURES:

- AHRI Certificate:
[214931587](#): Non-Ducted Indoor Units
[214931593](#): Ducted Indoor Units
[214931597](#): Mixed Ducted and Non-Ducted
- R32 Refrigerant
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Wireless Remote with LCD Display
- Wired Controller options
- Low Ambient Cooling down to -22°F (Range -22°F to 118°F)
- Low Ambient Heating down to -22°F (Range -22°F to 75°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested



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SPECIFICATIONS & FUNCTIONS:

Product Model		GWHD(24)ND6MO
Cooling Capacity	Btu/h	24000
Min. Cooling Capacity	Btu/h	7500
Max. Cooling Capacity	Btu/h	31400
Heating Capacity	Btu/h	24000
Min. Heating Capacity	Btu/h	7500
Max. Heating Capacity	Btu/h	31400
EER	(Btu/h)/W	13.3
COP	(Btu/h)/W	13.33
SEER	--	21
HSPF	--	10
Air Flow Volume	CFM	2236
Sound Pressure Level	dB(A)	58
Sound Power Level	dB(A)	68
Rated Voltage	V ~	208/230
Rated Frequency	Hz	60
Phases	--	1
Cross-sectional Area of Power Cable Conductor	sq in	0.0051
Recommended Power Cable(Core)	N	3
Fuse Current	A	25
Cooling Power Input	kW	1.85
Max. Cooling Power Input	kW	3.2
Heating Power Input	kW	1.8
Max. Heating Power Input	kW	3.4
Cooling Current Input	A	8
Heating Current Input	A	7.8
Rated Current	A	14/14.8
Starting Current	A	5
Max. Over Current Protection	A	25
Min. Current (MCA)	A	19.5
Compressor Trademark	-	GREE
Compressor Manufacturer	-	LANDA COMPRESSOR
Compressor Model	-	QXFS-B212zX070
Compressor Type	-	Inverter Rotary
Compressor Capacity	W	7170
Compressor Power Input	W	1887
Compressor RLA	A	12
Compressor Thermal Protector	-	KSD115°C HPC115/95U1
Compressor Refrigerant Oil Type	-	FW68DA or equivalent
Compressor Refrigerant Oil Charge Volume	L	0.56
Chassis Electrical Heater Power Input	W	96
Fan Type	-	Axial-flow
Fan Quantity	-	1
Motor Model	-	B-LW60R-ZL(10P)
Motor Type	-	DC motor
Motor Insulation Class	-	E
Motor Safe Class	-	IP44
Motor Full Load Amp(FLA)	A	1.8
Fan Motor Speed	r/min	cooling850/heating850
Fan Motor Power Output	W	60

Product Model		GWHD(24)ND6MO
Condenser Material	-	Aluminum Fin-copper Tube
Condenser Face Area	sq.ft	5.597
Condenser Number of Rows	-	2
Condenser Fins per Inch(FPI)	-	18
Condenser Number of Circuits	-	4in-4out
Condenser Max. Allowable Pressure	P.S.I.G	1450
Permissible Excessive Operating Pressure for the Discharge Side	P.S.I.G	624
Permissible Excessive Operating Pressure for the Suction Side	P.S.I.G	362
Maximum Allowable Pressure	P.S.I.G	710
Cooling Operation Ambient Temperature Range	°F	-22~118
Heating Operation Ambient Temperature Range	°F	-22~75.2
Maximum drive IDU NO.	unit	3
Defrosting Method	-	Automatic Defrosting
Climate Zone	-	Temperate Zone
Refrigerant	--	R32
Factory Refrigerant Charge	oz	59.976
GWP		675
Metering Device	-	Electric expansion valve
Dimension of Outline(W)	inch	37 61/64
Dimension of Outline(D)	inch	15 53/64
Dimension of Outline(H)	inch	25 63/64
Dimension of Carton Box (L)	inch	40 33/64
Dimension of Carton Box (W)	inch	17 53/64
Dimension of Carton Box (H)	inch	28 10/64
Dimension of Package(L)	inch	40 40/64
Dimension of Package(W)	inch	17 61/64
Dimension of Package(H)	inch	29 1/64
Net Weight	lb	112.5
Gross Weight	lb	122.4
Connection Pipe Connection Method	-	Flare Connection
Not Additional Gas Connection		
Pipe Length	ft	98.42
Connection Pipe Gas Additional Charge	oz/ft.	0.2
Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"
Outer Diameter of Gas Pipe(British System Allocation)	inch	3/8"
Connection Pipe Max. Height Distance(indoor and indoor)	ft	49.21
Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	ft	49.21
Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	ft	49.21
Max. equivalent connection pipe length(outdoor to last indoor)	ft	65.62
Connection Pipe Max. Length Distance(total length)	ft	196.85
Low Ambient Cooling	-	YES
Low Voltage Startup	-	YES
Chassis With Electric Heater	-	YES



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MULTI-ZONE COMPATIBILITY CHART

WALL MOUNT OPTIONS

	MULTI-ZONE				
	GWHD(18)ND6MO	GWHD(24)ND6MO	GWHD(30)ND6MO	GWHD(36)ND6MO	GWHD(42)ND6MO
Charmo					
System Model no.					
GWH05ATCXB-D6DNA1C	•	•	•	•	•
GWH07ATCXB-D6DNA1C	•	•	•	•	•
GWH09ATCXB-D6DNA1C	•	•	•	•	•
GWH12ATCXB-D6DNA1A	•	•	•	•	•
GWH18ATDXD-D6DNA1A		•	•	•	•
GWH24ATEXF-D6DNA1F			•	•	•
GWH30ATEXH-D6DNA1G					
GWH36ATEXH-D6DNA1G					
Clivia					
System Model no.					
GWH09AUCXD-D6DNA1C	•	•	•	•	•
GWH12AUCXD-D6DNA1B	•	•	•	•	•
GWH18AUDXF-D6DNA1A		•	•	•	•
GWH24AUDXH-D6DNA1A			•	•	•
Pular					
System Model no.					
GWH09AGCXD-D6DNA4C	•	•	•	•	•
GWH12AGCXD-D6DNA4B	•	•	•	•	•
GWH18AGDXF-D6DNA4A		•	•	•	•
GWH24AGEXF-D6DNA4I			•	•	•
SAPPHIRE					
System Model no.					
GWH09AVDXE-D6DNA1A	•	•	•	•	•
GWH12AVDXE-D6DNA1A	•	•	•	•	•
GWH18AVEXF-D6DNA1A		•	•	•	•
GWH24AVEXH-D6DNA1A				•	•

ADDITIONAL INDOOR UNIT OPTIONS

	MULTI-ZONE				
	GWHD(18)ND6MO	GWHD(24)ND6MO	GWHD(30)ND6MO	GWHD(36)ND6MO	GWHD(42)ND6MO
ONE WAY CASSETTE					
System Model no.					
GKH(09)DA-D6DNA1B/I	•	•	•	•	•
GKH(12)DA-D6DNA1B/I	•	•	•	•	•
GKH(18)DA-D6DNA1B/I		•	•	•	•
GKH(20)DA-D6DNA1B/I			•	•	•
CEILING CASSETTE					
System Model no.					
GKH(09)EB-D6DNA1A/I	•	•	•	•	•
GKH(12)EB-D6DNA1A/I	•	•	•	•	•
GKH(18)EB-D6DNA1A/I		•	•	•	•
GKH(20)EB-D6DNA1A/I			•	•	•
SLIM DUCT					
System Model no.					
GFH(09)DA-D6DNA1A/I	•	•	•	•	•
GFH(12)DA-D6DNA1A/I	•	•	•	•	•
GFH(18)DA-D6DNA1A/I		•	•	•	•
GFH(24)DA-D6DNA1A/I			•	•	•
FLOOR/CEILING					
System Model no.					
GTH(09)CA-D6DNA1B/I	•	•	•	•	•
GTH(12)CA-D6DNA1B/I	•	•	•	•	•
GTH(18)CA-D6DNA1B/I		•	•	•	•
GTH(24)CA-D6DNA1B/I			•	•	•
MINI-CONSOLE					
GEH(09)AA-D6DNA1A/I	•	•	•	•	•
GEH(12)AA-D6DNA1A/I	•	•	•	•	•
GEH(18)AA-D6DNA1A/I		•	•	•	•

NOTE: R32 Indoor units are only compatible with R32 Outdoor units. Keep in mind, line set is always sized by the indoor unit valve diameter.

ALLOWABLE COMBINATIONS CAPACITIES

MODEL NUMBER	POSSIBLE COMBINATIONS*	COOLING CAPACITY (Btu/h)					HEATING CAPACITY (Btu/h)				
		ZONE1	ZONE2	ZONE3	ZONE4	ZONE5	ZONE1	ZONE2	ZONE3	ZONE4	ZONE5
GWHD(24)ND6MO	5K+7K	5,000	7,000				6,000	8,000			
GWHD(24)ND6MO	7K+7K	7,000	7,000				8,000	8,000			
GWHD(24)ND6MO	5K+5K+5K	5,000	5,000	5,000			6,000	6,000	6,000		
GWHD(24)ND6MO	7K+7K+7K	7,000	7,000	7,000			8,000	8,000	8,000		
GWHD(24)ND6MO	5K+5K+7K	5,000	5,000	6,000			6,000	6,000	8,000		
GWHD(24)ND6MO	5K+7K+7K	5,000	7,000	7,000			6,000	8,000	8,000		
GWHD(24)ND6MO	9K+9K	9,000	9,000				9,000	9,000			
GWHD(24)ND6MO	9K+12K	9,000	12,000				9,000	12,000			
GWHD(24)ND6MO	9K+18K	8,000	16,000				8,000	16,000			
GWHD(24)ND6MO	12K+12K	12,000	12,000				12,000	12,000			
GWHD(24)ND6MO	12K+18K	9,600	14,400				9,600	14,400			
GWHD(24)ND6MO	18K+18K	12,000	12,000				12,000	12,000			
GWHD(24)ND6MO	9K+9K+9K	8,000	8,000	8,000			8,000	8,000	8,000		
GWHD(24)ND6MO	9K+9K+12K	7,200	7,200	9,600			7,200	7,200	9,600		
GWHD(24)ND6MO	9K+9K+18K	6,000	6,000	12,000			6,000	6,000	12,000		
GWHD(24)ND6MO	9K+12K+12K	6,545	8,727	8,727			6,545	8,727	8,727		
GWHD(24)ND6MO	12K+12K+12K	8,000	8,000	8,000			8,000	8,000	8,000		

Outdoor Unit & Possible Indoor Unit Combinations with AHRI Certified Performance

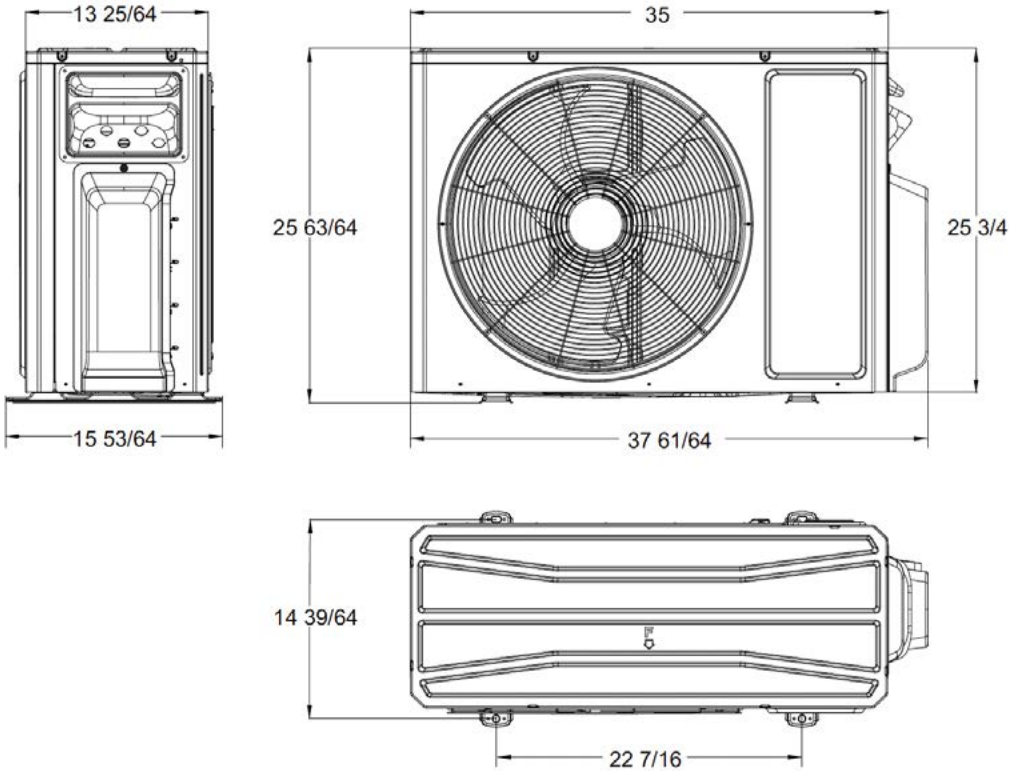
*You may substitute the 9K unit with a 5K or 7K High Wall unit, find complete capacity information in the extended ratings chart.

DIMENSIONS

OUTDOOR UNIT

Unit: inch

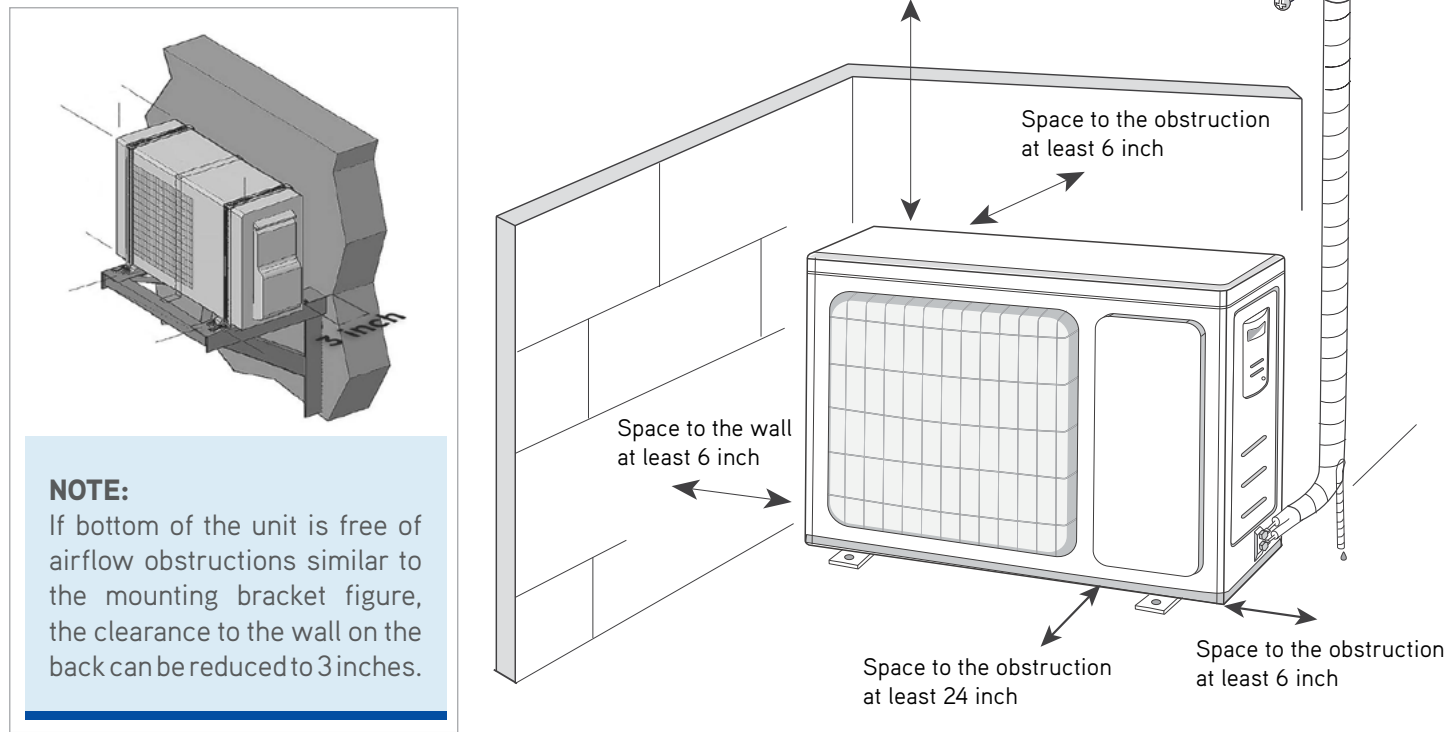
GWHD(24)ND6MO
DIMENSIONS



CLEARANCES

OUTDOOR UNIT

Minimum clearance



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