



SUBMITTAL DATA

Airy 29 SEER 12KBTU 230V

Model: GWH12AVDXE-D6DNA1A/I & GWH12AVDXE-D6DNA1A/O

Job Name

Location

Date

Purchaser

Engineer

Submitted to

For

Unit Designation

Schedule No.



YBE1FB1F



GWH12AVDXE-D6DNA1A/I



GWH12AVDXE-D6DNA1A/O



XE71 (Optional)

GENERAL FEATURES:

- AHRI Certificate: **214810379**
- R32 Refrigerant
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Wireless Remote with LCD Display
- Wired Controller Options
- I Feel
- Wi-Fi Included
- Low Ambient Cooling down to -20°F (Up to 122°F)
- Low Ambient Heating down to -22°F (Up to 86°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Test



GREE

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SPECIFICATIONS & FUNCTIONS:

Model		GWH12AVDXE-D6DNA1A
Power Supply	VAC / Phase / Hertz	208-230/1/60
Power Supply Mode	-	Outdoor
Cooling Capacity	Btu/h	12000
Heating Capacity	Btu/h	12200
Cooling Power Input	W	790
Heating Power Input	W	786
Rated Input	W	1650
Rated Current	A	7.8
EER	(Btu/h)/W	15.19
COP	(Btu/h)/W	15.52
SEER	SEER2	27
HSPF	HSPF2	10
Air Flow Volume(H-L)	CFM	565×441×371×212
Dehumidifying Volume	Pint/h	2.96
Application Area	sq ft	130-194

Indoor Unit Model		GWH12AVDXE-D6DNA1A/I
Fan Type	-	Crossflow
Fan Diameter Length (D×L)	mm	Φ108X691
Cooling Speed	r/min	1080/1040/1000/960/ 800/700/650/500
Heating Speed	r/min	1200/1150/1040/ 980/930/880/800
Fan Motor Power Output	W	50
Fan Motor RLA	A	0.22
Motor ratings	hp	0.07
Evaporator Form	-	Aluminum Fin-copper Tube
Evaporator Pipe Diameter	mm	φ5
Evaporator Row-fin Gap	mm	2-1.2
Evaporator Coil Length (L×D×W)	mm	701×22.8×381
Swing Motor Model	-	MP24HF/MP24AQ/MP35CV
Swing Motor Power Output	W	1.5/1.5 /2.5
Fuse Current	A	3.15
Set Temperature Range	°F	Cooling:61-86; Heating:46-87
Sound Pressure Level Cooling mode	dB (A)	43/42/40/39/33/29/27/19
Sound Power Level Cooling mode	dB (A)	53/52/50/49/43/39/37/29
Sound Pressure Level Heating mode	dB (A)	45/43/41/39/37/36/32
Sound Power Level Heating mode	dB (A)	55/53/51/49/47/46/42
Dimension (W x H x D)	inch	38 12/64×13 42/64×10 8/64
Net Weight	lb.	33.1
Gross Weight	lb.	38.6

Outdoor Unit Model		GWH12AVDXE-D6DNA1A/O
Compressor Manufacturer	-	LANDA
Compressor Model	-	QXF-A088zE170S
Compressor Oil	-	FW68L
Compressor Type	-	Rotary
Compressor RLA	A	7
Compressor Power Input	W	845
Outdoor Unit Fan Type	-	Crossflow
Outdoor Unit Fan Diameter	mm	445
Fan Motor Speed	rpm	850
Fan Motor Power Output	W	40
Motor ratings	hp	0.06
Fan Motor RLA	A	0.7
Air Flow Volume	CFM	1766
Condenser Form	-	-
Condenser Pipe Diameter	mm	φ7.94
Condenser Rows-fin Gap	mm	2-1.4
Condenser Coil Length (L×D×W)	mm	865×38.1×528
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.	363
Maximum Allowable Pressure	P.S.I.G.	710
Cooling Operation Ambient Temperature Range	°F	-20 ~ 122
Heating Operation Ambient Temperature Range	°F	-22 ~ 75
Metering Device	-	-
Defrosting Method	-	-
Sound Pressure Level (H)	dB (A)	55
Sound Power Level (H)	dB (A)	65
Dimension (WxHxD)	inch	34 24/64×21 54/64×14 51/64
Outdoor Unit Net Weight	lb.	78.3
Outdoor Unit Gross Weight	lb.	84.9
Refrigerant	--	R32
Factory Refrigerant Charge	oz	35.3
Connection Pipe Length	ft	24.6
Connection Pipe Gas Additional Charge	oz/ft.	0.2
Outer Diameter of Liquid Pipe	inch	1/4"
Outer Diameter of Gas Pipe	inch	1/2"
Max Distance Height	ft	33
Max Distance Length	ft	66

Functions

Auto	Self-Diagnosis	Quiet	Energy Saving	Horizontal Auto Swing
Cooling	Lock	I Feel	8°C Heating Mode	Auto Fan
Heating	Filter Dirty Alarm	Intelligent Preheating	Turbo Cooling	Intelligent Defrosting
Dehumidify	Compressor Electric Heater Function	Ventilation	Low Ambient Cooling	Force Defrosting
WIFI	Chassis Electric Heater Function	Dry Anti-mildew Design	Low Ambient Heating	Timer Feature
Sleep Mode	LCD (Back Light)	Several Optional Filters	Low Voltage Startup	Memory
Vertical Auto Swing	LED	Auto Clean	Standby	Multi Speeds



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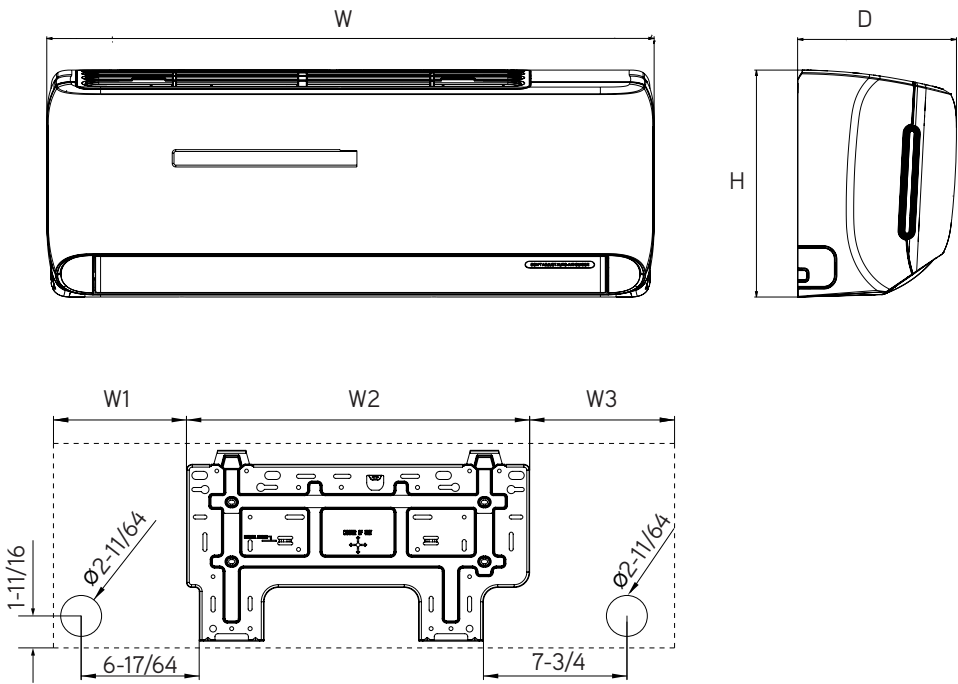
12720 Bathgate Way
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DIMENSIONS

INDOOR UNIT

Unit: inch

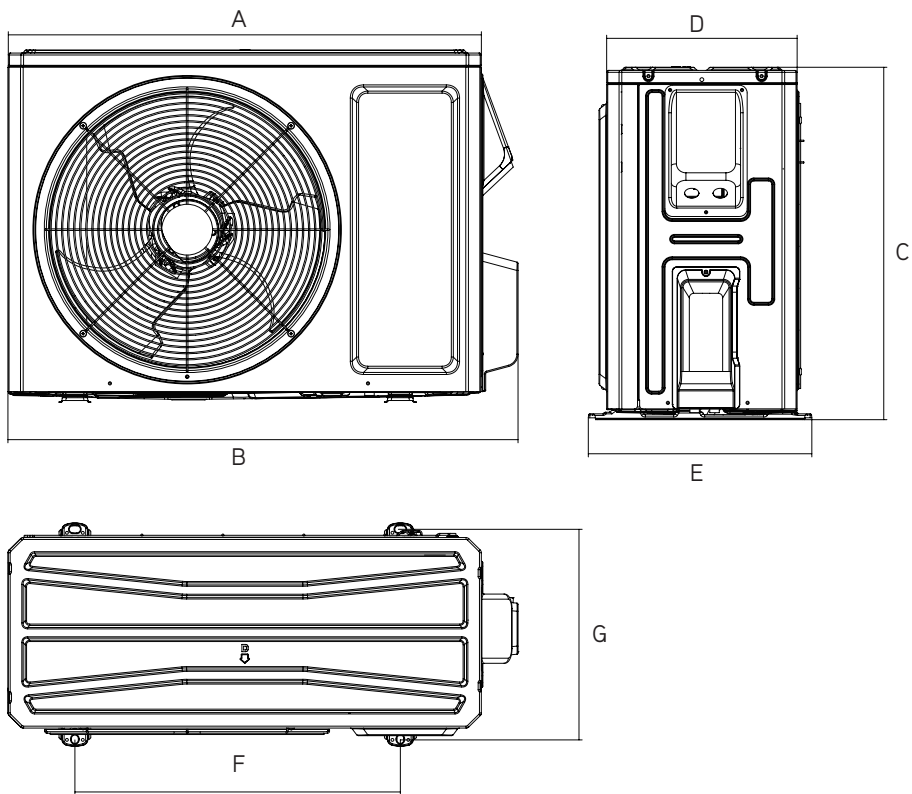
GWH12AVDXE-D6DNA1A/I	
DIMENSIONS	
W	32-7/8
H	10-7/8
D	7-7/8
W1	7-3/64
W2	18-5/32
W3	7-11/16



OUTDOOR UNIT

Unit: inch

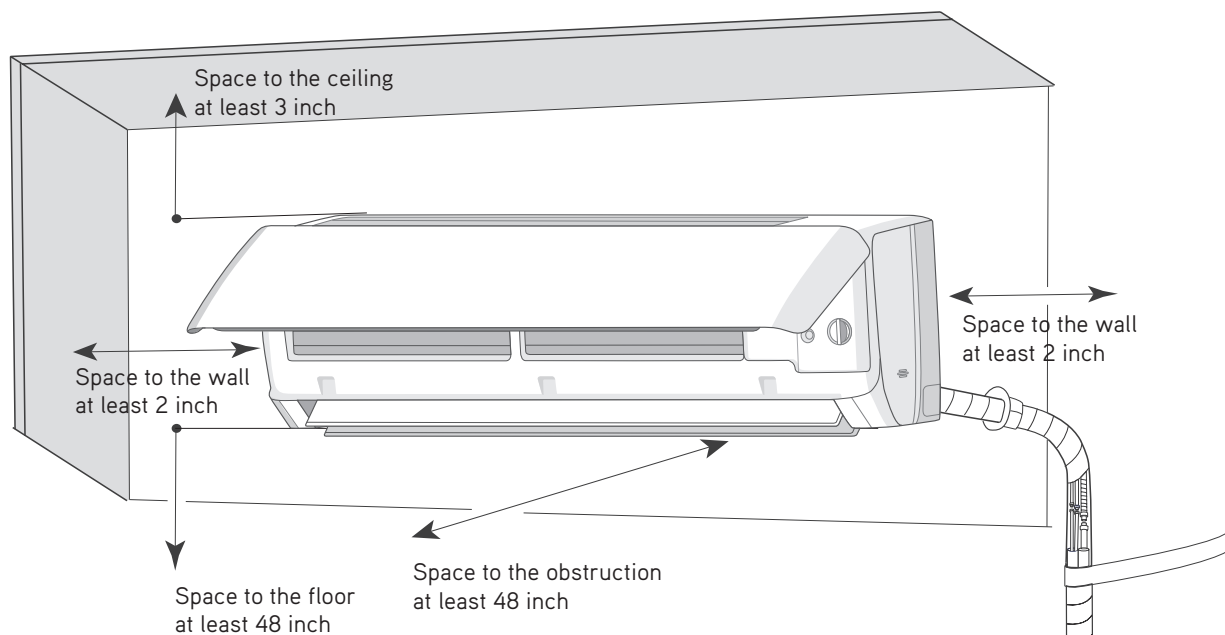
GWH12AVDXE-D6DNA1A/O	
DIMENSIONS	
A	26-37/64
B	28-13/16
C	21-7/8
D	11-7/32
E	13
F	17-29/32
G	12-13/64



CLEARANCES

INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance

