



GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM HIGHWALL

12K

SUBMITTAL

Job Name: _____
Purchaser: _____
Submitted To: _____
Construction: _____
Reference: _____

Approval: _____
Date: _____
Submitted By: _____
Unit: _____
Drawing #: _____



Outdoor Model:
1G12CB2BEA



Indoor Model:
GS12WB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB15GA
Side Wind Baffle	UASWB15GA
Back Wind Baffle	UAWB15GA
Top Cover	UATC15GA
Central Controller	UACT32A

Indoor Accessories

Wired Controller	GACT17B
Refrigerant Detection Sensor (RDS)	UALS01A
Remote Controller	WJ26X35395

Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23~115°F (-5~46°C)
	Heating	-4~75°F (-20~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
Cooling	Rated Capacity Btu/hr	11,800
	Capacity Range Btu/hr	3,400-12,000
	SEER2 / EER2	21/12
	Rated Power Input W	983
	Moisture Removal Pt./hr.	2.7
Heating	Rated Heating Capacity 47°F Btu/hr	13,000
	Heating Capacity Range Btu/hr	3,400-13,500
	COP 5°F	1.8
	Rated Heating Capacity 5°F Btu/hr	10,400
	HSPF2 (IV) / HSPF2 (V)	9.5/7.8
Outdoor Unit	Rated Power Input W	1,089
	Compressor	DC Inverter Rotary
	Recommended Breaker Size A	15
	Minimum Circuit Amp A	9
	Outdoor Noise Level dB	55
Indoor Unit	Dimension: HxWxD in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)
	Carton Dimension: HxWxD in (mm)	24 3/8 x 36 5/8 x 16 (618 x 929 x 407)
	Weight (Net/Ship) - lbs (kg)	70.17/82.96 (31.8/37.6)
	Basepan Heater	No
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	360/300/272/240/210
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1250/1100/1000/900/750
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	44/39/36/33/27
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	350/290/260/230/200
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1200/1020/920/820/700
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	42/36/32/29/26
	Dimension: H x W x D in (mm)	11 7/8 x 34 1/4 x 7 3/4 (301 x 870 x 196)
	Carton Dimension: H x W x D in (mm)	11 1/8 x 37 1/2 x 15 3/8 (283 x 952 x 389)
	Weight (Net/Ship) - lbs (kg)	21.84/26.92 (9.9/12.2)
Refrigerant Line	Drain Pipe Size O.D in	5/8
	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes
	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4
Refrigerant Line	Suction O.D. in	3/8
	Factory Charge Oz	36.5
	Maximum Line Length Ft / m	66/20
	Maximum Height Ft / m	33/10

*WiFi includes SmartHQ™ Home and SmartHQ™ Service compatibility.

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1G12CB2BEA/GS12WB2BEA

Heating Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60			64			68			70			72			75			79		
	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP
-4°F (-20°C)	8,819	1,488	1.74	8,291	1,518	1.60	8,042	1,549	1.52	7,800	1,581	1.45	7,565	1,613	1.37	7,338	1,646	1.31	6,899	1,680	1.20
0°F (-18°C)	10,889	1,578	2.02	10,237	1,610	1.86	9,929	1,643	1.77	9,630	1,676	1.68	9,341	1,710	1.60	9,060	1,745	1.52	8,517	1,781	1.40
5°F (-15°C)	11,759	1,593	2.16	11,055	1,626	1.99	10,722	1,659	1.89	10,400	1,693	1.80	10,087	1,728	1.71	9,784	1,763	1.63	9,198	1,799	1.50
14°F (-10°C)	12,464	1,600	2.28	11,718	1,632	2.10	11,366	1,666	2.00	11,024	1,700	1.90	10,692	1,734	1.81	10,371	1,770	1.72	9,750	1,806	1.58
23°F (-5°C)	13,212	1,606	2.41	12,421	1,639	2.22	12,048	1,672	2.11	11,685	1,707	2.01	11,334	1,741	1.91	10,993	1,777	1.81	10,335	1,813	1.67
32°F (0°C)	14,005	1,537	2.67	13,166	1,568	2.46	12,770	1,600	2.34	12,386	1,633	2.22	12,014	1,666	2.11	11,653	1,700	2.01	10,955	1,735	1.85
41°F (5°C)	14,845	1,397	3.11	13,956	1,426	2.87	13,537	1,455	2.73	13,130	1,485	2.59	12,735	1,515	2.46	12,352	1,546	2.34	11,612	1,577	2.16
47°F (8°C)	14,699	1,025	4.20	13,818	1,046	3.87	13,403	1,067	3.68	13,000	1,089	3.50	12,609	1,111	3.33	12,230	1,134	3.16	11,498	1,157	2.91
55°F (13°C)	15,139	1,030	4.31	14,233	1,051	3.97	13,805	1,073	3.77	13,390	1,094	3.59	12,987	1,117	3.41	12,597	1,140	3.24	11,842	1,163	2.98
65°F (18°C)	15,593	1,035	4.41	14,659	1,056	4.07	14,218	1,078	3.87	13,791	1,100	3.67	13,376	1,122	3.49	12,974	1,145	3.32	12,197	1,169	3.06
75°F (24°C)	16,060	1,040	4.52	15,099	1,062	4.17	14,645	1,083	3.96	14,204	1,105	3.77	13,777	1,128	3.58	13,363	1,151	3.40	12,563	1,175	3.13

Cooling Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	64 / 53			68 / 57			72 / 61			77 / 64			80 / 67			82 / 70			86 / 72		
	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2
23°F (-5°C)	11,018	793	13.89	11,495	764	15.04	11,993	735	16.31	12,512	708	17.68	13,054	681	19.16	13,619	657	20.74	14,209	633	22.45
32°F (0°C)	10,798	873	12.36	11,265	842	13.39	11,753	810	14.51	12,262	779	15.73	12,793	750	17.05	13,347	723	18.46	13,924	697	19.97
50°F (10°C)	10,582	952	11.11	11,040	918	12.03	11,518	883	13.04	12,017	850	14.14	12,537	818	15.32	13,080	789	16.59	13,646	760	17.95
68°F (20°C)	10,370	1,029	10.08	10,819	991	10.92	11,288	954	11.84	11,776	918	12.83	12,286	884	13.90	12,818	852	15.05	13,373	821	16.29
86°F (30°C)	10,163	1,100	9.24	10,603	1,060	10.00	11,062	1,020	10.85	11,541	982	11.76	12,041	945	12.74	12,562	911	13.79	13,106	878	14.93
95°F (35°C)	9,960	1,144	8.71	10,391	1,102	9.43	10,841	1,061	10.22	11,310	1,021	11.08	11,800	983	12.00	12,311	947	13.00	12,844	913	14.06
104°F (40°C)	9,761	1,190	8.20	10,183	1,147	8.88	10,624	1,103	9.63	11,084	1,062	10.44	11,564	1,022	11.31	12,065	985	12.25	12,587	950	13.25
110°F (43°C)	9,663	1,214	7.96	10,081	1,170	8.62	10,518	1,126	9.34	10,973	1,084	10.13	11,448	1,043	10.97	11,944	1,005	11.88	12,461	969	12.86
115°F (46°C)	9,566	1,251	7.65	9,981	1,205	8.28	10,413	1,160	8.98	10,864	1,116	9.73	11,334	1,075	10.54	11,825	1,036	11.42	12,337	999	12.35

Heating and cooling capacities and power usage are measured under the assumption of indoor humidity of 46%.

*Cooling capacities under low ambient temperatures below 23°F (-5°C) are tested when using wind baffle on outdoor unit.

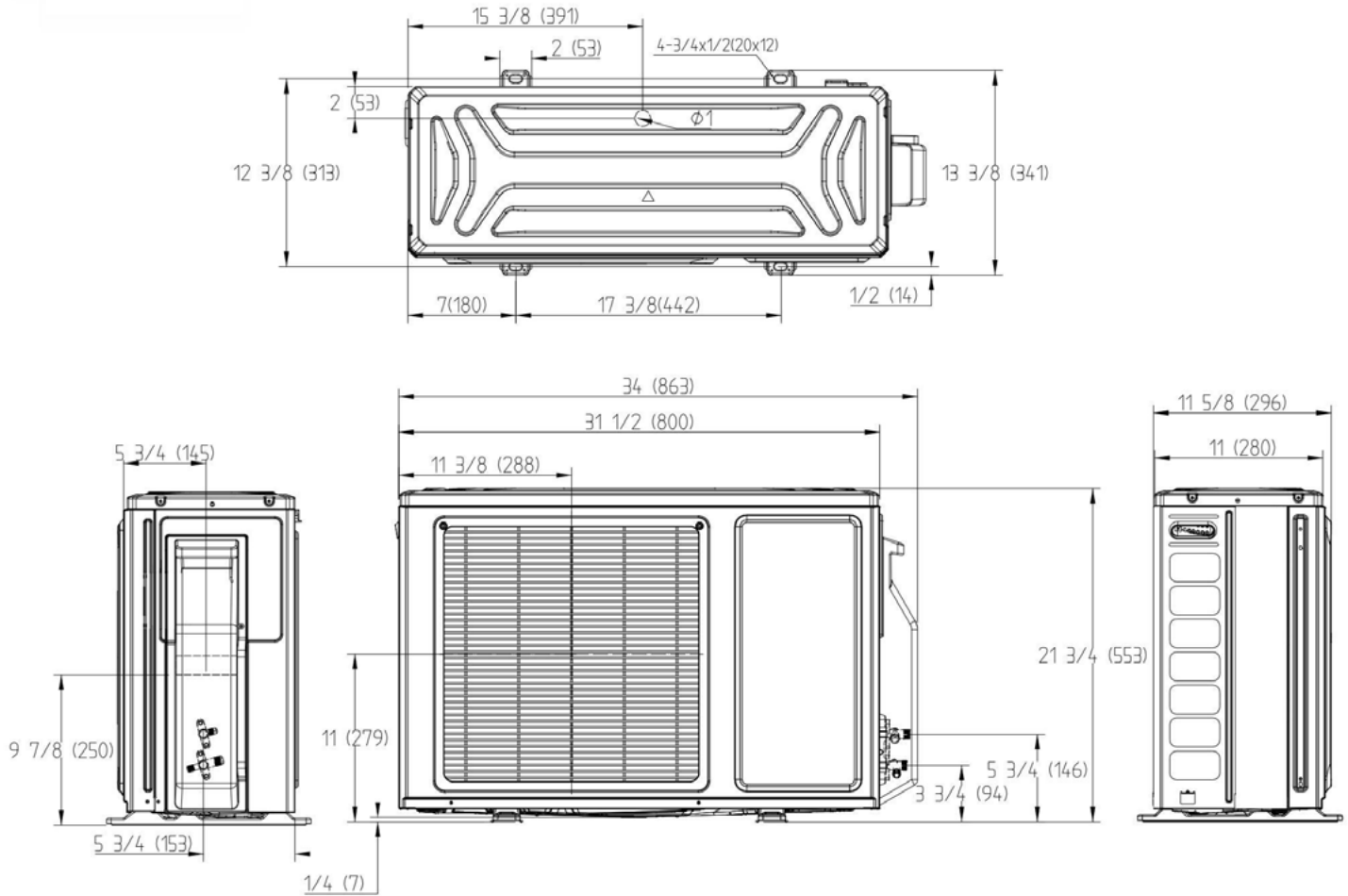


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Note: Dimensions are shown in inches (millimeters)

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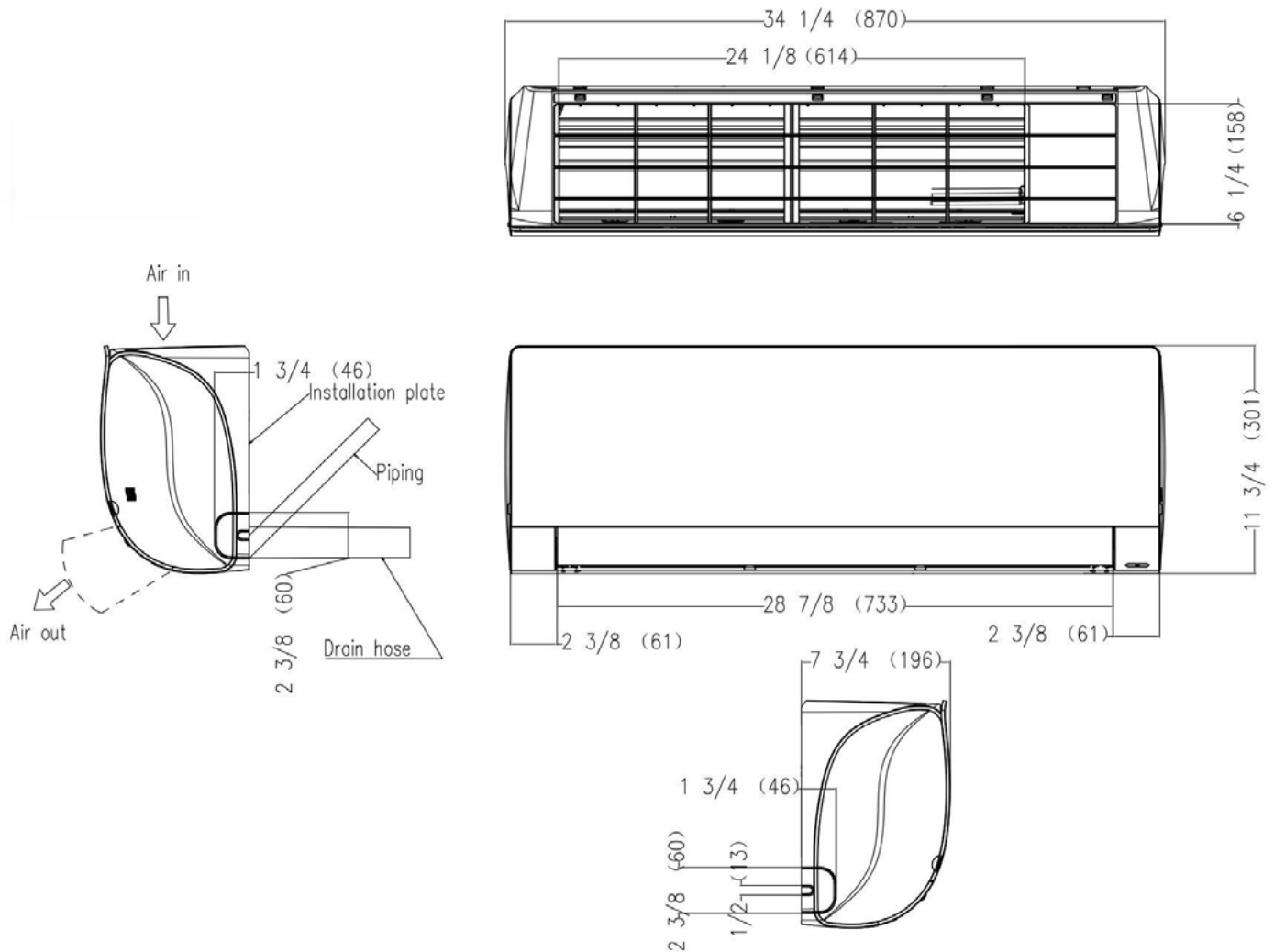


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SUBMITTAL REVISION HISTORY

03-21-25: Submittal release.

10-23-25: Max. fuse size correction (15A). "Maximum Fuse Size" changed to "Recommended Breaker Size".

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