



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:
1G12CB1BEA



Indoor Model:
GS12WB1BEA



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/-)	115/60/1
Cooling	Rated Capacity Btu/hr	11,500
	Capacity Range Btu/hr	3,400-12,000
	SEER2 / EER2	20/12
	Rated Power Input W	950
	Moisture Removal Pt./hr.	2.8
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	9,000
	HSPF2 (IV) / HSPF2 (V)	9.5/7.4
Outdoor Unit	Rated Power Input W	1,100
	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	25
	Minimum Circuit Amp A	18
	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	Yes
	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)	46/44/43/39/32
	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)	45/43/41/39/33
	Dimension: H x W x D in (mm)	11 7/8 x 33 3/4 x 7 3/4 (301 x 856 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
Refrigerant Line	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	3/8
	Factory Charge Oz	36.5
	Maximum Line Length Ft / m	66/20
Refrigerant Line	Maximum Height Ft / m	33/10

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

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1G12CB1BEA / GS12WB1BEA

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	1,353	1.91	8,290	1,380	1.76	8,041	1,408	1.67	7,800	1,436	1.59	7,566	1,465	1.51	7,339	1,494	1.44	6,899	1,524	1.33
0°F (-18°C)	9,086	1,367	1.95	8,540	1,394	1.80	8,284	1,422	1.71	8,036	1,450	1.62	7,795	1,480	1.54	7,561	1,509	1.47	7,107	1,539	1.35
5°F (-15°C)	10,176	1,381	2.16	9,565	1,408	1.99	9,278	1,436	1.89	9,000	1,465	1.80	8,730	1,494	1.71	8,468	1,524	1.63	7,960	1,555	1.50
14°F (-10°C)	10,990	1,387	2.32	10,331	1,415	2.14	10,021	1,443	2.03	9,720	1,472	1.93	9,428	1,502	1.84	9,146	1,532	1.75	8,597	1,562	1.61
23°F (-5°C)	11,869	1,394	2.49	11,157	1,422	2.30	10,822	1,451	2.19	10,498	1,480	2.08	10,183	1,509	1.98	9,877	1,539	1.88	9,285	1,570	1.73
32°F (0°C)	12,819	1,401	2.68	12,050	1,429	2.47	11,688	1,458	2.35	11,337	1,487	2.23	10,997	1,517	2.12	10,667	1,547	2.02	10,027	1,578	1.86
41°F (5°C)	13,972	1,408	2.91	13,134	1,436	2.68	12,740	1,465	2.55	12,358	1,495	2.42	11,987	1,524	2.30	11,627	1,555	2.19	10,930	1,586	2.02
47°F (8°C)	14,698	1,055	4.08	13,817	1,077	3.76	13,402	1,098	3.58	13,000	1,120	3.40	12,610	1,142	3.24	12,232	1,165	3.08	11,498	1,189	2.84
55°F (13°C)	15,139	1,061	4.18	14,231	1,082	3.86	13,804	1,104	3.67	13,390	1,126	3.49	12,988	1,148	3.32	12,599	1,171	3.15	11,843	1,194	2.91
65°F (18°C)	15,594	1,066	4.29	14,658	1,087	3.95	14,218	1,109	3.76	13,792	1,131	3.57	13,378	1,154	3.40	12,977	1,177	3.23	12,198	1,200	2.98
75°F (24°C)	16,061	1,071	4.39	15,098	1,093	4.05	14,645	1,115	3.85	14,205	1,137	3.66	13,779	1,160	3.48	13,366	1,183	3.31	12,564	1,206	3.05

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)	3,461	773	4.48	3,611	744	4.85	3,768	717	5.26	3,931	690	5.69	4,101	665	6.17	4,278	640	6.68	4,464	617	7.24
32°F (0°C)	4,579	850	5.39	4,778	819	5.83	4,985	789	6.32	5,200	759	6.85	5,426	731	7.42	5,660	704	8.04	5,906	678	8.71
50°F (10°C)	6,095	927	6.58	6,359	893	7.12	6,634	860	7.72	6,922	828	8.36	7,221	797	9.06	7,534	768	9.81	7,860	739	10.63
68°F (20°C)	7,619	1,001	7.61	7,949	964	8.25	8,293	928	8.93	8,652	894	9.68	9,027	861	10.49	9,418	829	11.36	9,825	798	12.31
86°F (30°C)	9,905	1,071	9.25	10,333	1,031	10.02	10,781	993	10.85	11,248	957	11.76	11,735	921	12.74	12,243	887	13.80	12,773	854	14.95
95°F (35°C)	9,706	1,114	8.71	10,127	1,073	9.44	10,565	1,033	10.23	11,023	995	11.08	11,500	958	12.00	11,998	923	13.01	12,517	888	14.09
104°F (40°C)	9,512	1,158	8.21	9,924	1,116	8.90	10,354	1,074	9.64	10,802	1,035	10.44	11,270	996	11.31	11,758	959	12.25	12,267	924	13.28
110°F (43°C)	9,417	1,182	7.97	9,825	1,138	8.63	10,250	1,096	9.35	10,694	1,055	10.13	11,157	1,016	10.98	11,640	979	11.89	12,144	942	12.89
115°F (46°C)	9,323	1,217	7.66	9,727	1,172	8.30	10,148	1,129	8.99	10,587	1,087	9.74	11,046	1,047	10.55	11,524	1,008	11.43	12,023	971	12.39

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.



12K

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Note: Dimensions are shown in inches (millimeters)



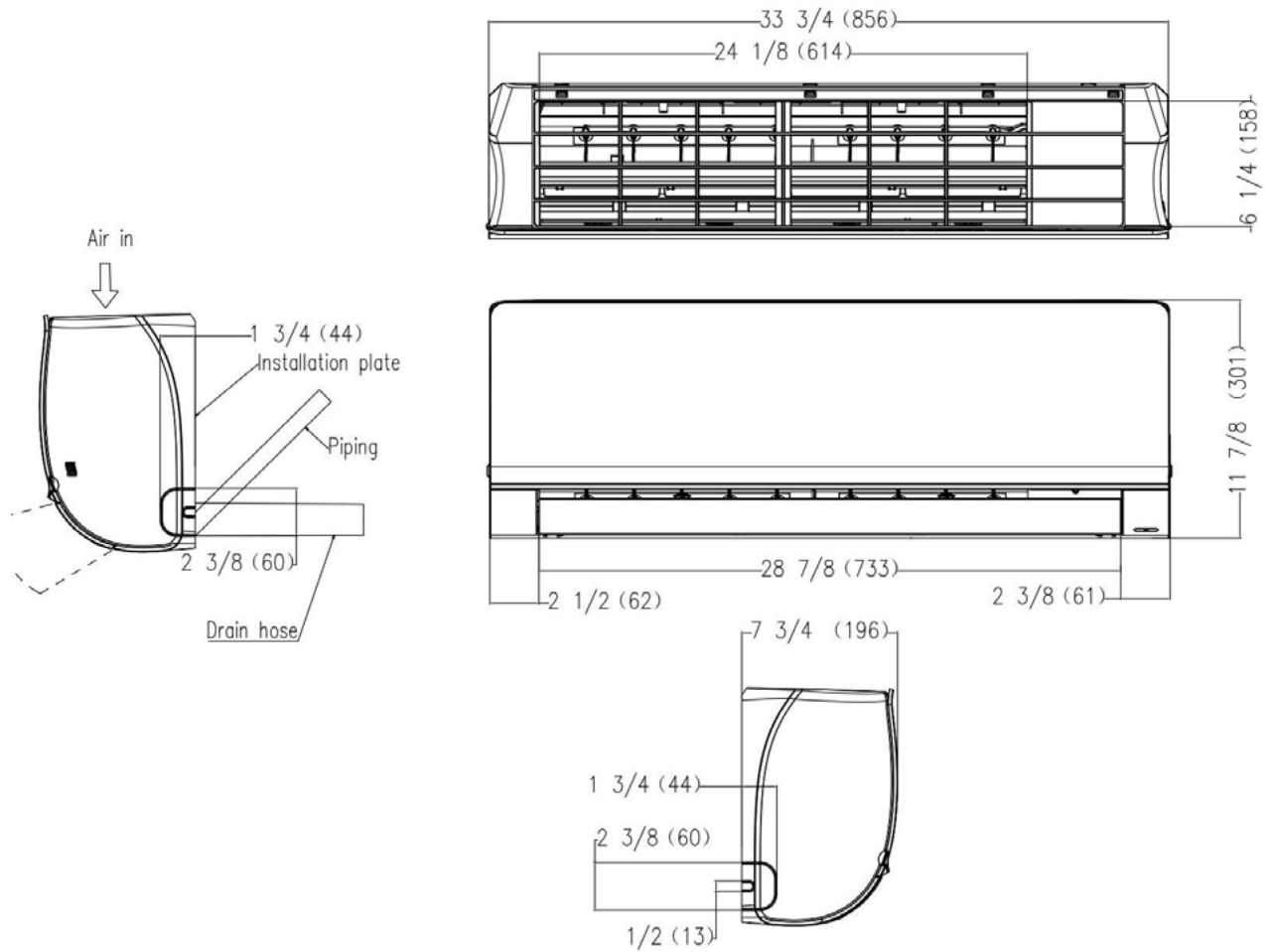


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GS12WB1BEA



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SUBMITTAL REVISION HISTORY

03-06-25: Submittal release.

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