



GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM STANDARD HIGHWALL

24K

SUBMITTAL

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

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



Outdoor Model:
1G24AD2BEA



Indoor Model:
GS24WB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30GA
Side Wind Baffle	UASWB30GA
Back Wind Baffle	UAWB30GA
Top Cover	UATC35GA
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)
	Cooling (With Wind Baffle or Top Cover)	-40 ~ 115°F (-40 ~ 46°C)
	Heating	-15 ~ 75°F (-26 ~ 24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	24,000
	Capacity Range Btu/hr	4,500-26,000
	SEER2 / EER2	18 / 12
	Rated Power Input W	2,000
Heating	Moisture Removal Pt./hr	4.9
	Rated Heating Capacity 47°F Btu/hr	24,000
	Heating Capacity Range Btu/hr	4,000-26,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV)	9.5
	Rated Power Input W	1,954
	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	30
Indoor Unit	Minimum Circuit Amp A	20
	Outdoor Noise Level dB	61
	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: H x W x D in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	121.36/147.84 (55/67)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	800/730/630/535/440
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1300/1200/1050/900/750
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	54/50/47/44/38
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	800/730/630/535/440
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1300/1200/1050/900/750
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	54/50/47/44/38
	Dimension: H x W x D in (mm)	13 1/2 x 44 1/2 x 9 1/8 (343 x 1129 x 232)
	Carton Dimension: H x W x D in (mm)	12 1/2 x 47 3/8 x 17 (319 x 1202 x 432)
	Weight (Net/Ship) - lbs (kg)	34.86/43.03 (15.8/19.5)
Refrigerant Lines	Drain Pipe Size O.D in	5/8
	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)
Refrigerant Lines	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	1/2
Refrigerant Lines	Factory Charge Oz	67.0
	Maximum Line Length Ft / m	165/50
Refrigerant Lines	Maximum Line Length Ft / m	100/30

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

1G24AD2BEA / GS24WB2BEA

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
-15°F (-26°C)	16,782	2,499	1.97	15,777	2,550	1.81	15,302	2,602	1.72	14,842	2,655	1.64	14,396	2,709	1.56	13,963	2,764	1.48	13,127	2,821	1.36
-5°F (-21°C)	18,965	2,748	2.02	17,829	2,804	1.86	17,293	2,861	1.77	16,773	2,919	1.68	16,269	2,979	1.60	15,779	3,040	1.52	14,834	3,102	1.40
0°F (-18°C)	20,102	2,913	2.02	18,899	2,972	1.86	18,330	3,033	1.77	17,779	3,095	1.68	17,245	3,158	1.60	16,726	3,222	1.52	15,724	3,288	1.40
5°F (-15°C)	21,709	2,942	2.16	20,409	3,002	1.99	19,795	3,063	1.89	19,200	3,126	1.80	18,623	3,190	1.71	18,063	3,255	1.63	16,981	3,321	1.50
14°F (-10°C)	23,011	2,954	2.28	21,633	3,014	2.10	20,983	3,076	2.00	20,352	3,139	1.90	19,740	3,203	1.81	19,146	3,268	1.72	18,000	3,335	1.58
23°F (-5°C)	24,392	2,966	2.41	22,931	3,026	2.22	22,242	3,088	2.11	21,573	3,151	2.01	20,924	3,215	1.91	20,295	3,281	1.81	19,080	3,348	1.67
32°F (0°C)	25,855	2,838	2.67	24,307	2,896	2.46	23,576	2,955	2.34	22,867	3,015	2.22	22,180	3,077	2.11	21,513	3,140	2.01	20,224	3,204	1.85
41°F (5°C)	27,407	2,580	3.11	25,765	2,633	2.87	24,991	2,687	2.73	24,239	2,741	2.59	23,510	2,797	2.46	22,803	2,854	2.34	21,438	2,913	2.16
47°F (8°C)	27,136	1,839	4.32	25,511	1,877	3.98	24,744	1,915	3.79	24,000	1,954	3.60	23,278	1,994	3.42	22,578	2,035	3.25	21,226	2,076	3.00
55°F (13°C)	27,949	1,848	4.43	26,276	1,886	4.08	25,486	1,925	3.88	24,719	1,964	3.69	23,976	2,004	3.51	23,255	2,045	3.33	21,863	2,087	3.07
65°F (18°C)	28,787	1,858	4.54	27,063	1,896	4.18	26,249	1,934	3.98	25,460	1,974	3.78	24,695	2,014	3.59	23,952	2,055	3.42	22,518	2,097	3.15
75°F (24°C)	29,650	1,867	4.65	27,874	1,905	4.29	27,036	1,944	4.08	26,223	1,984	3.87	25,435	2,024	3.68	24,670	2,065	3.50	23,193	2,108	3.23

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
-40°F (-40°C)	20,266	1,429	14.18	21,143	1,377	15.35	22,059	1,325	16.65	23,014	1,276	18.04	24,010	1,228	19.55	25,050	1,183	21.17	26,134	1,141	22.91
-22°F (-30°C)	20,608	1,458	14.13	21,501	1,405	15.30	22,431	1,352	16.59	23,403	1,302	17.98	24,416	1,253	19.48	25,473	1,208	21.09	26,576	1,164	22.83
-15°F (-26°C)	20,957	1,488	14.08	21,864	1,434	15.25	22,810	1,380	16.53	23,798	1,328	17.92	24,829	1,279	19.42	25,903	1,232	21.02	27,025	1,188	22.75
-4°F (-20°C)	21,311	1,519	14.03	22,233	1,463	15.19	23,196	1,408	16.47	24,200	1,355	17.86	25,248	1,305	19.35	26,341	1,257	20.95	27,482	1,212	22.67
5°F (-15°C)	21,671	1,550	13.99	22,609	1,493	15.14	23,588	1,437	16.42	24,609	1,383	17.79	25,675	1,331	19.28	26,786	1,283	20.88	27,946	1,237	22.59
14°F (-10°C)	22,037	1,581	13.94	22,991	1,524	15.09	23,987	1,466	16.36	25,025	1,411	17.73	26,109	1,359	19.22	27,239	1,309	20.80	28,418	1,262	22.52
23°F (-5°C)	22,409	1,613	13.89	23,380	1,555	15.04	24,392	1,496	16.30	25,448	1,440	17.67	26,550	1,386	19.15	27,699	1,336	20.73	28,899	1,288	22.44
32°F (0°C)	21,961	1,777	12.36	22,912	1,712	13.38	23,904	1,648	14.51	24,939	1,586	15.73	26,019	1,527	17.04	27,146	1,471	18.45	28,321	1,418	19.97
50°F (10°C)	21,522	1,938	11.11	22,454	1,867	12.03	23,426	1,797	13.04	24,441	1,729	14.13	25,499	1,665	15.32	26,603	1,605	16.58	27,755	1,547	17.94
68°F (20°C)	21,092	2,093	10.08	22,005	2,016	10.91	22,958	1,940	11.83	23,952	1,868	12.82	24,989	1,798	13.90	26,071	1,733	15.05	27,200	1,670	16.28
86°F (30°C)	20,670	2,238	9.24	21,565	2,157	10.00	22,499	2,075	10.84	23,473	1,997	11.75	24,490	1,923	12.74	25,550	1,853	13.79	26,656	1,787	14.92
95°F (35°C)	20,257	2,328	8.70	21,134	2,243	9.42	22,049	2,158	10.22	23,004	2,077	11.07	24,000	2,000	12.00	25,039	1,927	12.99	26,123	1,858	14.06
104°F (40°C)	19,852	2,421	8.20	20,712	2,333	8.88	21,609	2,245	9.63	22,544	2,161	10.43	23,520	2,080	11.31	24,539	2,005	12.24	25,601	1,933	13.25
110°F (43°C)	19,654	2,470	7.96	20,505	2,380	8.61	21,392	2,291	9.34	22,319	2,205	10.12	23,285	2,123	10.97	24,293	2,046	11.88	25,345	1,972	12.85
115°F (46°C)	19,457	2,545	7.64	20,300	2,452	8.28	21,179	2,360	8.97	22,096	2,272	9.73	23,052	2,187	10.54	24,050	2,107	11.41	25,092	2,032	12.35

*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

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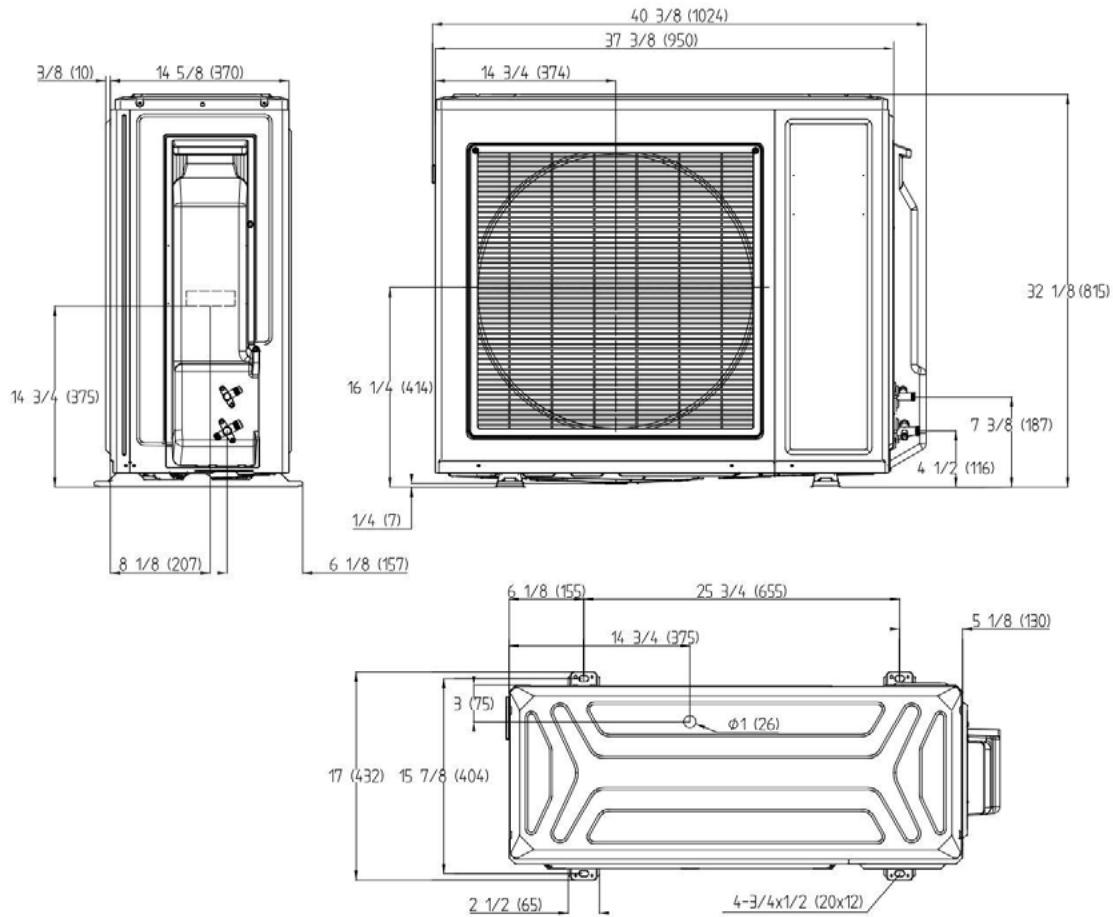


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM STANDARD HIGHWALL

24K

1G24AD2BEA



Note: Dimensions are shown in inches (millimeters)

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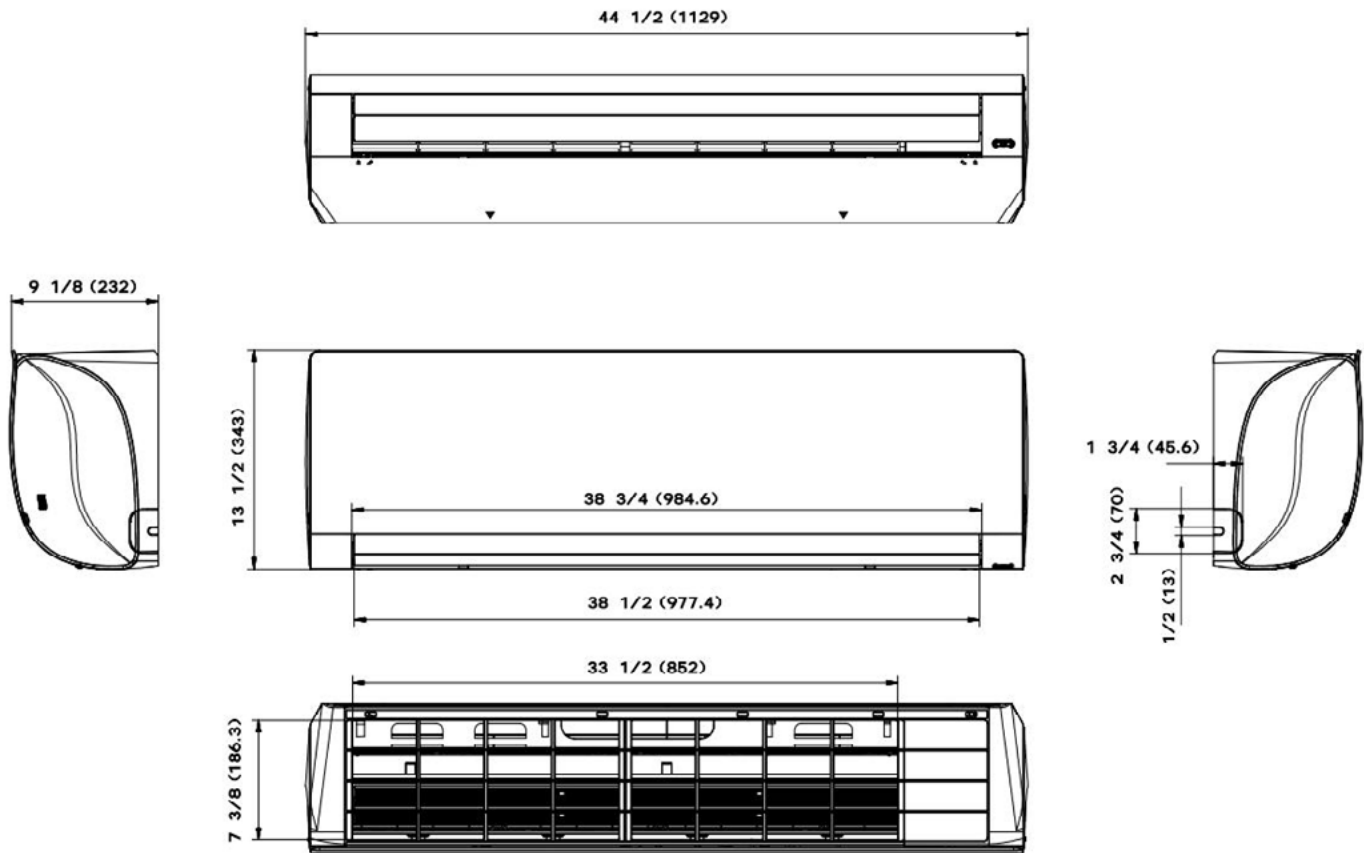


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM STANDARD HIGHWALL

24K

GS24WB2BEA



Note: Dimensions are shown in inches (millimeters)

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GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM LARGE CASSETTE

24K

SUBMITTAL

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

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



Outdoor Model:
1G24AD2BEA



Indoor Model:
US24LB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30GA
Side Wind Baffle	UASWB30GA
Back Wind Baffle	UAWB30GA
Top Cover	UATC35GA
Central Controller	UACT32A

Indoor Accessories

Cassette Panel (Required)	GALCP01GA
Wired Controller	GACT17B
Refrigerant Detection Sensor (RDS)	UALS01A
Remote Controller	WJ26X35396

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Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23 ~ 115°F (-5 ~ 46°C)
	Cooling (With Wind Baffle or Top Cover)	-40 ~ 115°F (-40 ~ 46°C)
	Heating	-15 ~ 75°F (-26 ~ 24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	23,000
	Capacity Range Btu/hr	4,500-25,000
	SEER2 / EER2	19.5 / 11.7
	Rated Power Input W	1,917
Heating	Moisture Removal Pt./hr	6.9
	Rated Heating Capacity 47°F Btu/hr	25,000
	Heating Capacity Range Btu/hr	4,000-25,000
	COP 5°F	1.8
	HSPF2 (IV)	9.5
Outdoor Unit	Rated Power Input W	2,093
	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	30
	Minimum Circuit Amp A	20
	Outdoor Noise Level dB	61
	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: H x W x D in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
	Weight (Net/Ship) - lbs (kg)	121.36/147.84 (55/67)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
Indoor Unit	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	1033/873/858/640/400
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	620/580/540/430/360
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	49/47/45/39/35
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	1033/873/858/640/400
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	620/580/540/430/360
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	48/47/45/38/34
	Dimension: H x W x D in (mm)	9 3/4 x 33 x 33 (248 x 840 x 840)
	Carton Dimension: H x W x D in (mm)	12 3/8 x 38 1/2 x 38 1/2 (315 x 978 x 978)
	Weight (Net/Ship) - lbs (kg)	56.22/85.32 (25.5/38.7)
	Drain Pipe Size O.D in	1*
	Max. Drain-Lift Height in (mm)	39 3/8 (1000)
	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)
Refrigerant Lines	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8 (use 1/4" to 3/8" adaptor shipped with outdoor unit)
	Suction O.D. in	5/8 (use 1/2" to 5/8" adaptor shipped with outdoor unit)
	Factory Charge Oz	67.0
	Maximum Line Length Ft / m	165/50
	Maximum Height Ft / m	100/30

*Condensate drain adapter shipped with indoor unit is designed to accept a 3/4" PVC pipe.

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

1G24AD2BEA / US24LB2BEA

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
-15°F (-26°C)	12,313	1,906	1.89	11,575	1,945	1.74	11,227	1,984	1.66	10,890	2,025	1.58	10,562	2,066	1.50	10,245	2,108	1.42	9,631	2,151	1.31
-5°F (-21°C)	14,825	2,088	2.08	13,938	2,130	1.92	13,519	2,174	1.82	13,112	2,218	1.73	12,718	2,263	1.65	12,335	2,310	1.57	11,597	2,357	1.44
0°F (-18°C)	17,338	2,254	2.25	16,299	2,300	2.08	15,809	2,347	1.97	15,334	2,395	1.88	14,873	2,444	1.78	14,426	2,494	1.70	13,562	2,544	1.56
5°F (-15°C)	22,613	3,065	2.16	21,259	3,127	1.99	20,620	3,191	1.89	20,000	3,256	1.80	19,399	3,322	1.71	18,815	3,390	1.63	17,689	3,459	1.50
14°F (-10°C)	20,603	2,237	2.70	19,369	2,282	2.49	18,786	2,329	2.36	18,222	2,376	2.25	17,674	2,425	2.14	17,142	2,474	2.03	16,116	2,525	1.87
23°F (-5°C)	22,864	1,888	3.55	21,495	1,927	3.27	20,848	1,966	3.11	20,221	2,006	2.95	19,613	2,047	2.81	19,024	2,089	2.67	17,884	2,132	2.46
32°F (0°C)	23,617	1,823	3.80	22,203	1,860	3.50	21,535	1,898	3.33	20,888	1,936	3.16	20,260	1,976	3.01	19,651	2,016	2.86	18,474	2,057	2.63
41°F (5°C)	25,879	1,807	4.20	24,329	1,844	3.87	23,598	1,882	3.68	22,888	1,920	3.49	22,200	1,959	3.32	21,533	1,999	3.16	20,243	2,040	2.91
47°F (8°C)	28,267	1,970	4.21	26,574	2,010	3.87	25,775	2,051	3.68	25,000	2,093	3.50	24,248	2,136	3.33	23,519	2,179	3.16	22,111	2,224	2.91
55°F (13°C)	27,561	1,675	4.82	25,911	1,710	4.44	25,132	1,744	4.22	24,376	1,780	4.01	23,643	1,816	3.81	22,932	1,853	3.63	21,559	1,891	3.34
65°F (18°C)	28,833	1,420	5.95	27,106	1,449	5.48	26,291	1,478	5.21	25,501	1,509	4.95	24,734	1,539	4.71	23,990	1,571	4.48	22,553	1,603	4.12
75°F (24°C)	30,245	1,537	5.77	28,434	1,569	5.31	27,579	1,601	5.05	26,750	1,633	4.80	25,945	1,667	4.56	25,165	1,701	4.34	23,658	1,735	4.00

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
-40°F (-40°C)	14,221	738	19.27	14,836	711	20.87	15,479	684	22.63	16,149	658	24.52	16,848	634	26.58	17,578	611	28.77	18,339	589	31.14
-22°F (-30°C)	14,461	753	19.21	15,087	725	20.80	15,740	698	22.55	16,422	672	24.44	17,133	647	26.49	17,875	623	28.67	18,649	601	31.03
-15°F (-26°C)	14,705	768	19.14	15,342	740	20.73	16,006	712	22.47	16,699	686	24.36	17,422	660	26.40	18,177	636	28.57	18,964	613	30.92
-4°F (-20°C)	14,954	784	19.08	15,601	755	20.65	16,277	727	22.39	16,982	700	24.27	17,717	674	26.30	18,484	649	28.48	19,284	626	30.82
5°F (-15°C)	15,207	800	19.01	15,865	771	20.58	16,552	742	22.32	17,269	714	24.19	18,016	687	26.21	18,796	662	28.38	19,610	639	30.71
14°F (-10°C)	15,464	816	18.95	16,133	786	20.51	16,832	757	22.24	17,560	728	24.11	18,321	701	26.12	19,114	676	28.28	19,941	652	30.61
23°F (-5°C)	15,725	833	18.88	16,406	803	20.44	17,116	772	22.16	17,857	743	24.02	18,630	716	26.03	19,437	690	28.18	20,279	665	30.50
32°F (0°C)	17,278	982	17.60	18,026	946	19.06	18,807	910	20.66	19,621	876	22.40	20,471	843	24.27	21,357	813	26.28	22,282	784	28.44
50°F (10°C)	20,190	1,101	18.35	21,064	1,060	19.86	21,976	1,020	21.54	22,927	982	23.34	23,920	946	25.30	24,956	911	27.38	26,036	879	29.64
68°F (20°C)	21,549	1,547	13.93	22,482	1,490	15.08	23,456	1,434	16.35	24,471	1,381	17.73	25,531	1,329	19.21	26,636	1,281	20.80	27,790	1,235	22.51
86°F (30°C)	20,093	1,993	10.08	20,963	1,920	10.92	21,870	1,848	11.83	22,817	1,779	12.83	23,805	1,712	13.90	24,836	1,650	15.05	25,911	1,591	16.29
95°F (35°C)	19,413	2,231	8.70	20,254	2,150	9.42	21,131	2,069	10.21	22,046	1,991	11.07	23,000	1,917	12.00	23,996	1,847	12.99	25,035	1,781	14.06
104°F (40°C)	16,695	2,142	7.80	17,418	2,064	8.44	18,172	1,986	9.15	18,959	1,912	9.92	19,780	1,840	10.75	20,636	1,773	11.64	21,530	1,710	12.59
110°F (43°C)	16,307	2,320	7.03	17,013	2,236	7.61	17,750	2,151	8.25	18,518	2,071	8.94	19,320	1,994	9.69	20,157	1,921	10.49	21,029	1,852	11.35
115°F (46°C)	15,725	2,409	6.53	16,406	2,322	7.07	17,116	2,234	7.66	17,858	2,150	8.30	18,631	2,070	9.00	19,437	1,995	9.74	20,279	1,923	10.54

*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

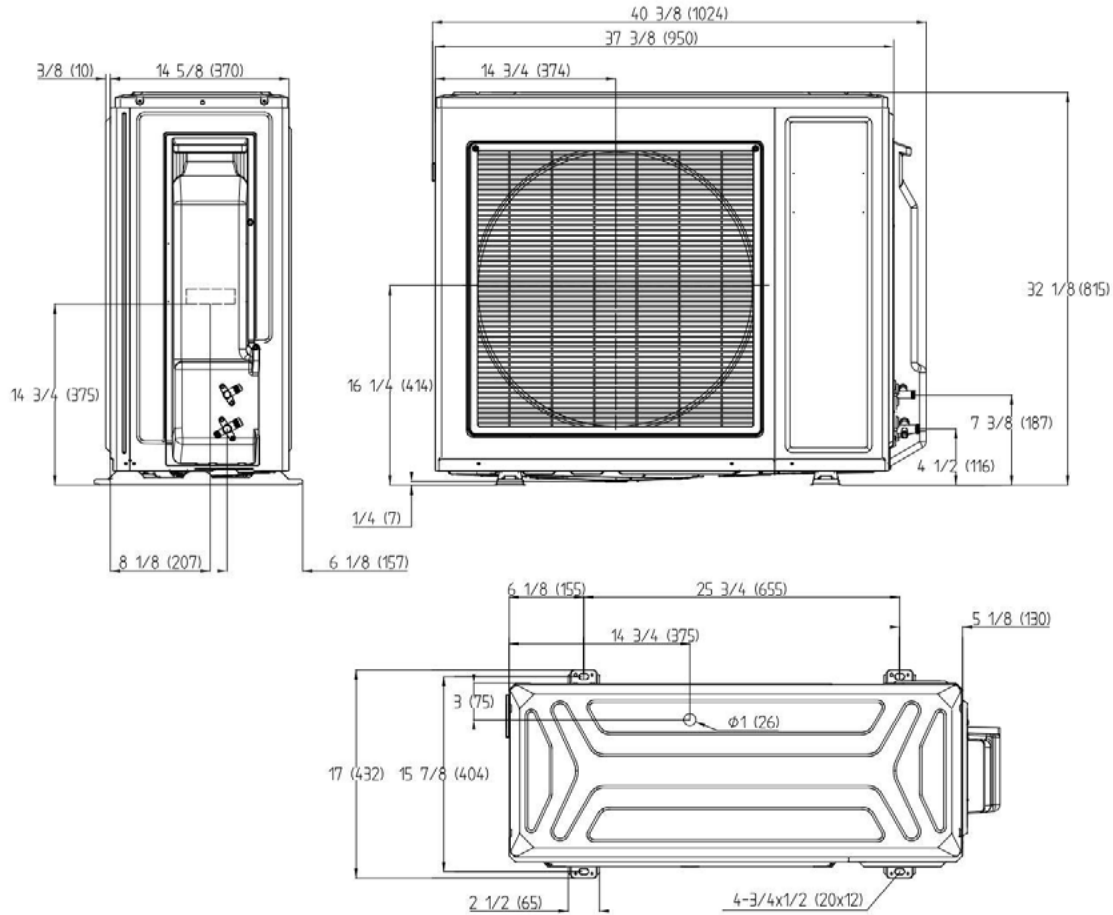


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM LARGE CASSETTE

24K

1G24AD2BEA



Note: Dimensions are shown in inches (millimeters)

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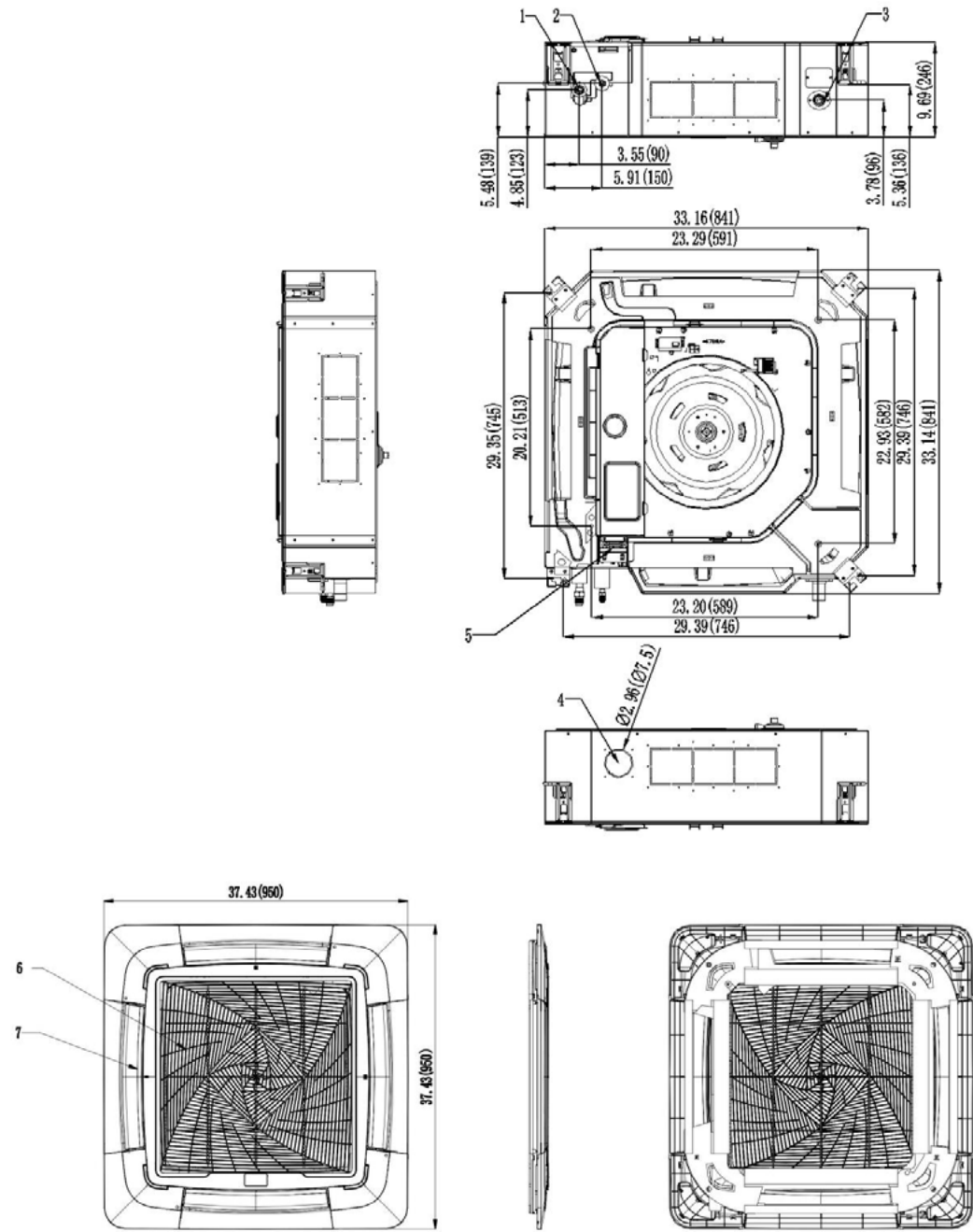


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM
LARGE CASSETTE

24K

US24LB2BEA



NO.	Parts Name	Notes
1	Gas pipe connection	
2	Liquid pipe connection	
3	Drain pipe connection	
4	Fresh air inlet	
5	PQ line connection Power supply connection	
6	Air inlet grille	
7	Air outlet	

Note: Dimensions are shown in inches (millimeters)





GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM DUCTED

24K

SUBMITTAL

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

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



Outdoor Model:
1G24AD2BEA



Indoor Model:
US24MB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30GA
Side Wind Baffle	UASWB30GA
Back Wind Baffle	UAWB30GA
Top Cover	UATC35GA
Central Controller	UACT32A

Indoor Accessories

Wired Controller	GACT17B
Supply Plenum	UAPT1824A
MERV Return Air Filter Box	UAMFB1824A

Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23 ~ 115°F (-5 ~ 46°C)
	Cooling (With Wind Baffle or Top Cover)	-40 ~ 115°F (-40 ~ 46°C)
Power	Heating	-15 ~ 75°F (-26 ~ 24°C)
	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
Cooling	Operating Voltage Range	187-253 VAC
	Rated Capacity Btu/hr	24,000
	Capacity Range Btu/hr	4,500-26,000
	SEER2 / EER2	18 / 10
	Rated Power Input W	2,400
Heating	Moisture Removal Pt./hr	4.9
	Rated Heating Capacity 47°F Btu/hr	24,800
	Heating Capacity Range Btu/hr	4,000-26,000
	COP 5°F	1.8
	HSPF2 (IV)	9.4
Outdoor Unit	Rated Power Input W	2,019
	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	30
	Minimum Circuit Amp A	20
	Outdoor Noise Level dB	61
Indoor Unit	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: H x W x D in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
	Weight (Net/Ship) - lbs (kg)	121.36/147.84 (55/67)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	927/844/667/564/482
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1070/1030/880/790/740
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	47/46/41/38/37
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	927/844/667/564/482
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1070/1030/880/790/740
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	46/45/40/38/36
	Dimension: H x W x D in (mm)	9 3/4 x 47 1/2 x 27 1/2 (248 x 1207 x 700)
	Carton Dimension: H x W x D in (mm)	13 7/8 x 53 x 34 (353 x 1345 x 860)
	Weight (Net/Ship) - lbs (kg)	87.74/123.46 (39.8/56)
Refrigerant Lines	Max. External Static Pressure in.WG (Pa)	0.6 (150)
	Drain Pipe Size O.D in	1*
	Max. Drain-Lift Height in (mm)	27 1/2 (700)
	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes
	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8 (use 1/4" to 3/8" adaptor shipped with outdoor unit)
Refrigerant Lines	Suction O.D. in	5/8 (use 1/2" to 5/8" adaptor shipped with outdoor unit)
	Factory Charge Oz	67.02
	Maximum Line Length Ft / m	165/50
	Maximum Height Ft / m	100/30

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*Condensate drain adapter shipped with indoor unit is designed to accept a 3/4" PVC pipe.

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

1G24AD2BEA / US24MB2BEA

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
-15°F (-26°C)	13,003	2,140	1.78	12,224	2,184	1.64	11,856	2,228	1.56	11,500	2,274	1.48	11,154	2,320	1.41	10,819	2,368	1.34	10,171	2,416	1.23
-5°F (-21°C)	16,395	2,628	1.83	15,413	2,682	1.68	14,949	2,737	1.60	14,500	2,793	1.52	14,064	2,849	1.45	13,641	2,908	1.37	12,824	2,967	1.27
0°F (-18°C)	18,373	2,726	1.98	17,273	2,781	1.82	16,754	2,838	1.73	16,250	2,896	1.64	15,761	2,955	1.56	15,287	3,015	1.49	14,372	3,077	1.37
5°F (-15°C)	22,613	3,065	2.16	21,259	3,127	1.99	20,620	3,191	1.89	20,000	3,256	1.80	19,399	3,322	1.71	18,815	3,390	1.63	17,689	3,459	1.50
14°F (-10°C)	22,613	2,870	2.31	21,259	2,929	2.13	20,620	2,989	2.02	20,000	3,050	1.92	19,399	3,112	1.83	18,815	3,175	1.74	17,689	3,240	1.60
23°F (-5°C)	25,440	2,773	2.69	23,916	2,830	2.48	23,197	2,887	2.35	22,500	2,946	2.24	21,823	3,007	2.13	21,167	3,068	2.02	19,899	3,131	1.86
32°F (0°C)	26,289	2,676	2.88	24,715	2,731	2.65	23,971	2,786	2.52	23,251	2,843	2.40	22,552	2,901	2.28	21,874	2,960	2.17	20,564	3,021	2.00
41°F (5°C)	29,986	2,362	3.72	28,190	2,410	3.43	27,343	2,459	3.26	26,521	2,509	3.10	25,723	2,561	2.94	24,950	2,613	2.80	23,456	2,666	2.58
47°F (8°C)	28,041	1,900	4.32	26,361	1,939	3.98	25,569	1,979	3.79	24,800	2,019	3.60	24,054	2,060	3.42	23,331	2,102	3.25	21,934	2,145	3.00
55°F (13°C)	27,480	1,820	4.43	25,834	1,857	4.08	25,058	1,895	3.88	24,304	1,933	3.68	23,573	1,973	3.50	22,865	2,013	3.33	21,495	2,054	3.07
65°F (18°C)	28,321	1,689	4.91	26,625	1,723	4.53	25,825	1,759	4.30	25,048	1,794	4.09	24,295	1,831	3.89	23,564	1,868	3.70	22,153	1,907	3.41
75°F (24°C)	30,284	1,831	4.85	28,470	1,868	4.47	27,614	1,906	4.25	26,784	1,945	4.04	25,978	1,985	3.84	25,197	2,025	3.65	23,688	2,067	3.36

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
-40°F (-40°C)	15,021	990	15.18	15,672	954	16.43	16,350	918	17.82	17,058	883	19.31	17,797	850	20.93	18,567	819	22.66	19,371	790	24.52
-22°F (-30°C)	15,275	1,010	15.13	15,937	973	16.38	16,627	936	17.76	17,346	901	19.25	18,098	868	20.86	18,881	836	22.58	19,699	806	24.44
-15°F (-26°C)	15,533	1,030	15.07	16,206	993	16.32	16,908	955	17.70	17,640	920	19.18	18,403	885	20.79	19,200	853	22.50	20,031	823	24.35
-4°F (-20°C)	15,796	1,051	15.02	16,480	1,013	16.27	17,193	975	17.63	17,938	938	19.11	18,714	903	20.71	19,525	871	22.42	20,370	839	24.27
5°F (-15°C)	16,063	1,073	14.97	16,758	1,034	16.21	17,484	995	17.57	18,241	958	19.05	19,031	922	20.64	19,855	888	22.35	20,714	856	24.18
14°F (-10°C)	16,334	1,095	14.92	17,042	1,055	16.15	17,779	1,015	17.51	18,549	977	18.98	19,352	941	20.57	20,190	907	22.27	21,064	874	24.10
23°F (-5°C)	16,610	1,117	14.87	17,330	1,076	16.10	18,080	1,036	17.45	18,863	997	18.92	19,679	960	20.50	20,531	925	22.19	21,420	892	24.02
32°F (0°C)	18,636	1,229	15.17	19,443	1,184	16.42	20,285	1,139	17.80	21,163	1,097	19.30	22,079	1,056	20.91	23,035	1,018	22.64	24,033	981	24.50
50°F (10°C)	19,851	1,378	14.41	20,710	1,328	15.60	21,607	1,278	16.91	22,543	1,230	18.33	23,519	1,184	19.87	24,537	1,141	21.51	25,599	1,100	23.27
68°F (20°C)	21,472	1,937	11.09	22,402	1,866	12.01	23,372	1,796	13.02	24,384	1,728	14.11	25,439	1,664	15.29	26,541	1,604	16.55	27,690	1,546	17.91
86°F (30°C)	20,865	2,495	8.36	21,768	2,404	9.05	22,711	2,314	9.82	23,694	2,227	10.64	24,720	2,144	11.53	25,790	2,066	12.48	26,907	1,992	13.51
95°F (35°C)	20,257	2,793	7.25	21,134	2,691	7.85	22,049	2,590	8.51	23,004	2,493	9.23	24,000	2,400	10.00	25,039	2,313	10.83	26,123	2,230	11.72
104°F (40°C)	17,421	2,719	6.41	18,175	2,620	6.94	18,962	2,521	7.52	19,783	2,426	8.15	20,640	2,336	8.84	21,533	2,251	9.57	22,466	2,170	10.35
110°F (43°C)	16,610	2,905	5.72	17,330	2,799	6.19	18,080	2,694	6.71	18,863	2,593	7.28	19,679	2,496	7.88	20,532	2,405	8.54	21,420	2,319	9.24
115°F (46°C)	15,800	3,091	5.11	16,484	2,978	5.53	17,198	2,866	6.00	17,942	2,759	6.50	18,719	2,656	7.05	19,530	2,560	7.63	20,375	2,467	8.26

*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

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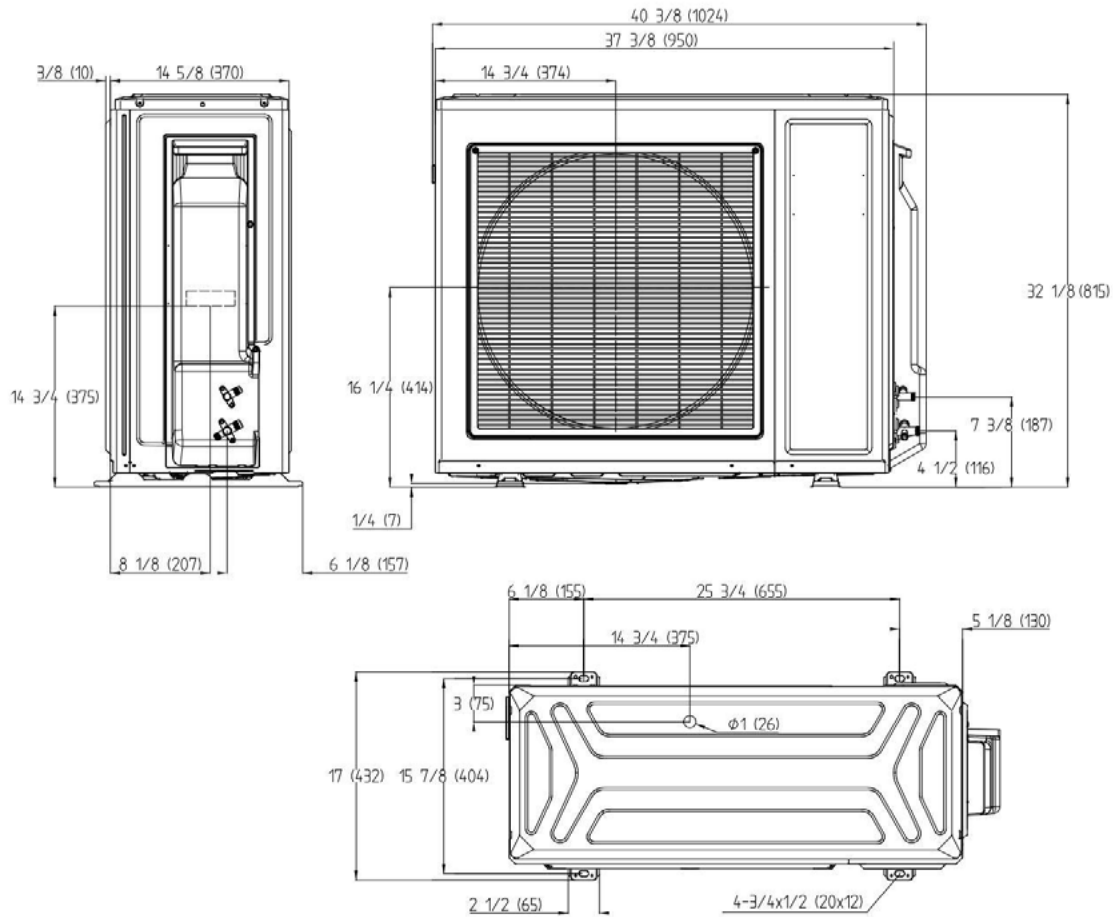


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM DUCTED

24K

1G24AD2BEA



Note: Dimensions are shown in inches (millimeters)

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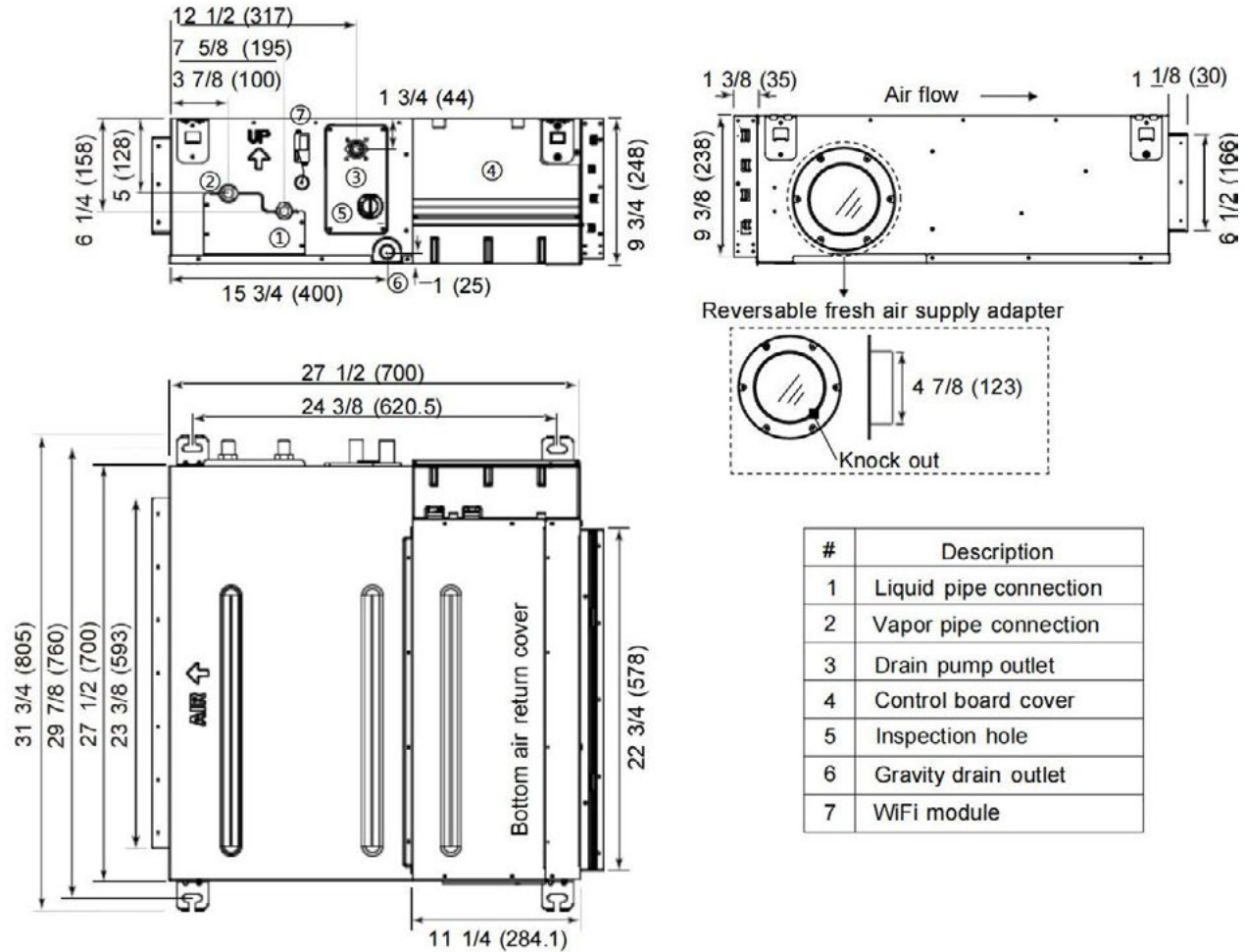


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SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM DUCTED

24K

US24MB2BEA



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SUBMITTAL REVISION HISTORY

05-14-25: Submittal release.

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