



GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM HIGHWALL

18K

SUBMITTAL

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1G18ED2BEA



Indoor Model:
GS18WP2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30GA
Side Wind Baffle	UASWB30GA
Back Wind Baffle	UAWB30GA
Top Cover	UATC30GA
Central Controller	UACT32A

Indoor Accessories

Wired Controller	GACT17B
Refrigerant Detection Sensor (RDS)	UALS01A
Remote Controller	WJ26X35396

Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23~115°F (-5~46°C)
	Heating	-31~75°F (-35~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	17,000
	Capacity Range Btu/hr	6,000~18,500
	SEER2 / EER2	20.5/12
	Rated Power Input W	1,417
Heating	Moisture Removal Pt./hr.	4.8
	Rated Heating Capacity 47°F Btu/hr	19,000
	Heating Capacity Range Btu/hr	5,600~21,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV) / HSPF2 (V)	10/8
	Rated Power Input W	1,505
	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
Indoor Unit	Minimum Circuit Amp A	20
	Outdoor Noise Level dB	60
	Dimension: HxWxD in (mm)	27 3/4 x 38 3/8 x 13 3/8 (705 x 974 x 340)
	Carton Dimension: HxWxD in (mm)	30 7/8 x 41 1/8 x 18 1/8 (783 x 1046 x 460)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	104.59/122.46 (47.4/55.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	580/530/480/400/350
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1300/1250/1050/850/800
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	51/50/44/37/25
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	580/530/450/350/320
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1300/1250/1025/800/750
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	49/47/40/35/26
	Dimension: H x W x D in (mm)	12 7/8 x 39 3/4 x 8 3/4 (327 x 1009 x 223)
	Carton Dimension: H x W x D in (mm)	12 3/8 x 43 1/4 x 16 1/2 (313 x 1100 x 420)
	Weight (Net/Ship) - lbs (kg)	29.57/36.63 (13.4/16.6)
Indoor Unit	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 Line	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	1/2
Refrigerant Line	Factory Charge Oz	58.6
	Maximum Line Length Ft / m	83/25
	Maximum Height Ft / m	50/15

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

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1G18ED2BEA / GS18WP2BEA

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
-31°F (-35°C)	8,481	1,694	1.47	7,972	1,729	1.35	7,733	1,764	1.28	7,500	1,800	1.22	7,274	1,837	1.16	7,056	1,874	1.10	6,633	1,913	1.02
-22°F (-30°C)	10,742	1,993	1.58	10,098	2,034	1.46	9,795	2,076	1.38	9,500	2,118	1.31	9,214	2,161	1.25	8,937	2,205	1.19	8,401	2,250	1.09
-15°F (-26°C)	15,672	2,658	1.73	14,732	2,712	1.59	14,289	2,767	1.51	13,859	2,824	1.44	13,443	2,881	1.37	13,038	2,940	1.30	12,256	3,000	1.20
-5°F (-21°C)	17,756	2,740	1.90	16,691	2,796	1.75	16,190	2,853	1.66	15,703	2,911	1.58	15,231	2,971	1.50	14,773	3,031	1.43	13,887	3,093	1.32
0°F (-18°C)	19,532	2,825	2.03	18,360	2,882	1.87	17,808	2,941	1.77	17,273	3,001	1.69	16,754	3,062	1.60	16,250	3,125	1.52	15,275	3,189	1.40
5°F (-15°C)	21,485	2,912	2.16	20,196	2,971	1.99	19,589	3,032	1.89	19,000	3,094	1.80	18,429	3,157	1.71	17,875	3,222	1.63	16,803	3,287	1.50
14°F (-10°C)	21,700	2,562	2.48	20,398	2,615	2.29	19,785	2,668	2.17	19,190	2,722	2.07	18,613	2,778	1.96	18,053	2,835	1.87	16,971	2,892	1.72
23°F (-5°C)	21,917	2,255	2.85	20,602	2,301	2.62	19,983	2,348	2.49	19,382	2,395	2.37	18,799	2,444	2.25	18,234	2,494	2.14	17,140	2,545	1.97
32°F (0°C)	22,136	1,984	3.27	20,808	2,024	3.01	20,183	2,066	2.86	19,576	2,108	2.72	18,987	2,151	2.59	18,416	2,195	2.46	17,312	2,239	2.27
41°F (5°C)	22,357	2,005	3.27	21,016	2,046	3.01	20,384	2,087	2.86	19,771	2,130	2.72	19,177	2,174	2.59	18,600	2,218	2.46	17,485	2,263	2.26
47°F (8°C)	21,485	1,416	4.45	20,196	1,445	4.10	19,589	1,475	3.89	19,000	1,505	3.70	18,429	1,536	3.52	17,875	1,567	3.34	16,803	1,599	3.08
55°F (13°C)	21,914	1,424	4.51	20,600	1,453	4.16	19,981	1,482	3.95	19,380	1,513	3.76	18,797	1,543	3.57	18,232	1,575	3.39	17,139	1,607	3.13
65°F (18°C)	22,352	1,431	4.58	21,012	1,460	4.22	20,380	1,490	4.01	19,767	1,520	3.81	19,173	1,551	3.62	18,596	1,583	3.44	17,481	1,615	3.17
75°F (24°C)	22,799	1,438	4.65	21,432	1,467	4.28	20,788	1,497	4.07	20,162	1,528	3.87	19,556	1,559	3.68	18,968	1,591	3.49	17,831	1,623	3.22

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)	6,059	1,142	5.31	6,321	1,100	5.75	6,595	1,060	6.22	6,880	1,021	6.74	7,178	983	7.30	7,489	947	7.90	7,813	913	8.56
32°F (0°C)	7,876	1,256	6.27	8,217	1,210	6.79	8,573	1,165	7.36	8,944	1,123	7.97	9,331	1,082	8.63	9,735	1,042	9.34	10,157	1,004	10.12
50°F (10°C)	10,239	1,369	7.48	10,682	1,319	8.10	11,145	1,270	8.77	11,627	1,224	9.50	12,131	1,179	10.29	12,656	1,136	11.14	13,204	1,094	12.07
68°F (20°C)	13,311	1,478	9.00	13,887	1,424	9.75	14,488	1,372	10.56	15,115	1,322	11.44	15,770	1,273	12.38	16,453	1,227	13.41	17,165	1,182	14.52
86°F (30°C)	14,642	1,582	9.26	15,276	1,524	10.02	15,937	1,468	10.86	16,627	1,414	11.76	17,347	1,363	12.73	18,098	1,313	13.79	18,882	1,265	14.93
95°F (35°C)	14,349	1,645	8.72	14,970	1,585	9.45	15,618	1,527	10.23	16,295	1,471	11.08	17,000	1,417	12.00	17,736	1,365	12.99	18,504	1,315	14.07
104°F (40°C)	14,062	1,711	8.22	14,671	1,648	8.90	15,306	1,588	9.64	15,969	1,530	10.44	16,660	1,474	11.31	17,381	1,420	12.24	18,134	1,368	13.26
110°F (43°C)	13,921	1,745	7.98	14,524	1,681	8.64	15,153	1,620	9.36	15,809	1,560	10.13	16,493	1,503	10.97	17,208	1,448	11.88	17,953	1,395	12.87
115°F (46°C)	13,782	1,797	7.67	14,379	1,732	8.30	15,001	1,668	8.99	15,651	1,607	9.74	16,328	1,548	10.55	17,035	1,492	11.42	17,773	1,437	12.37

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.

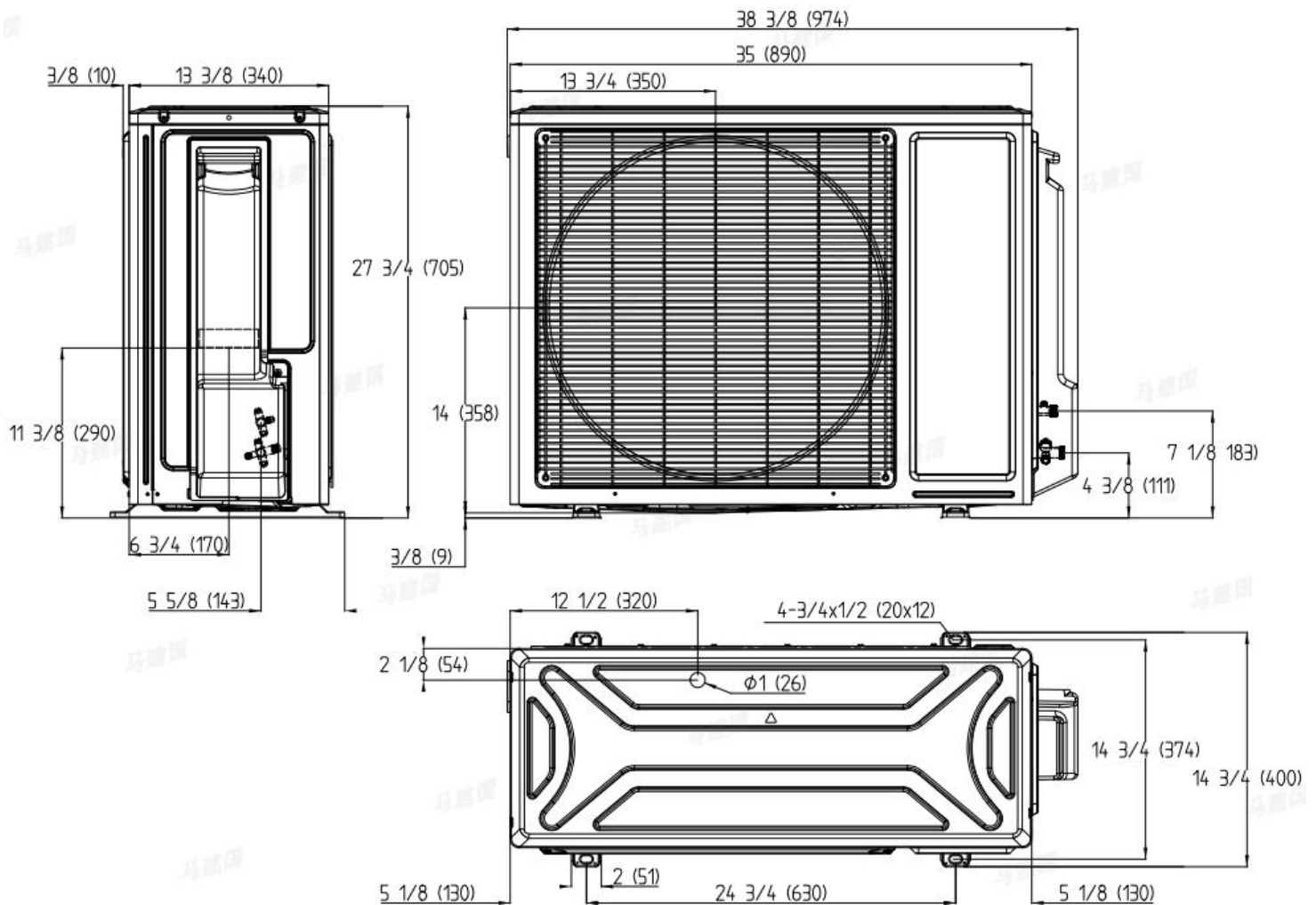


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM HIGHWALL

18K

1G18ED2BEA



Note: Dimensions are shown in inches (millimeters)

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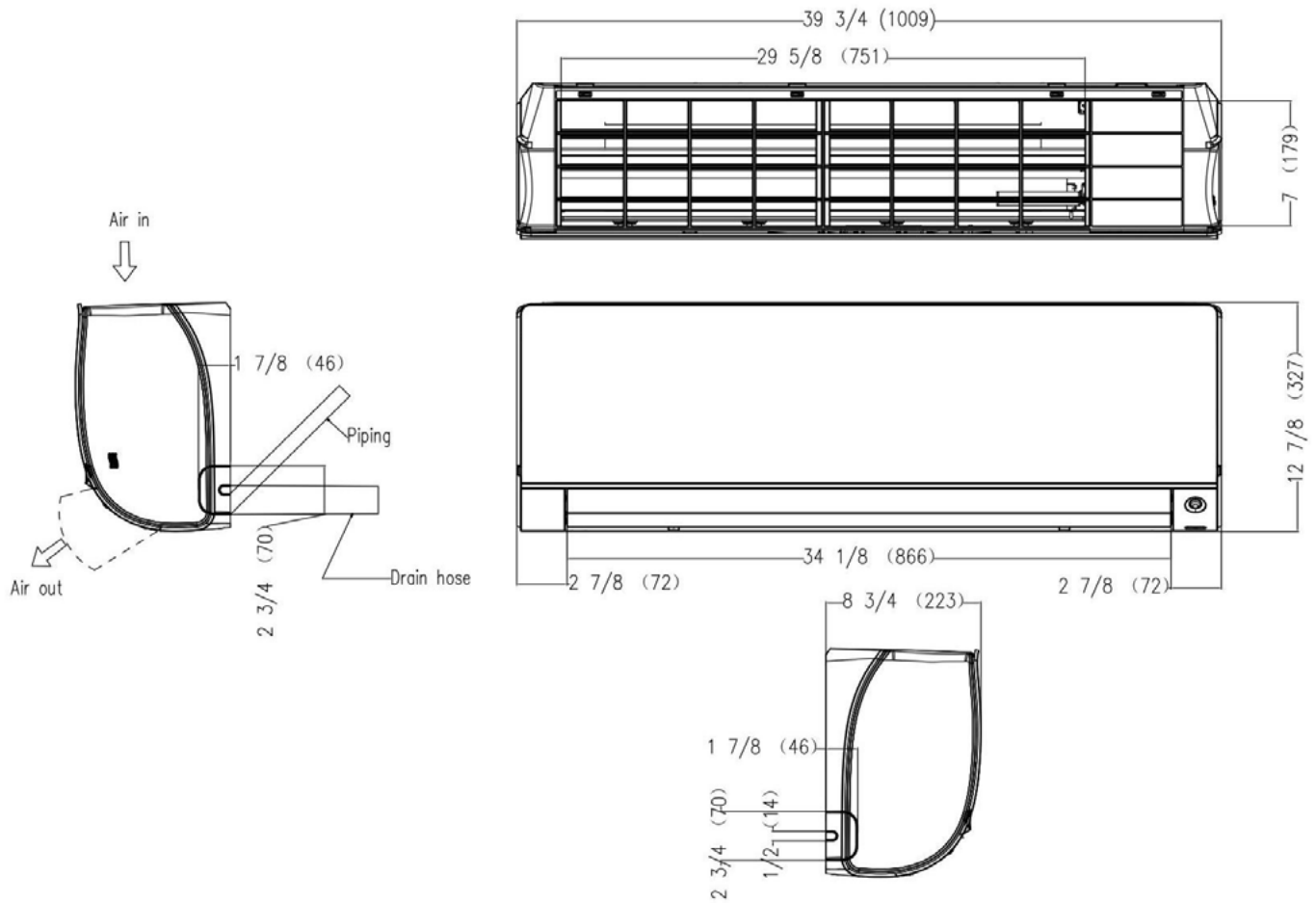


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM HIGHWALL

18K

GS18WP2BEA



Note: Dimensions are shown in inches (millimeters)

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GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM CASSETTE

18K

SUBMITTAL

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

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



Outdoor Model:
1G18ED2BEA



Indoor Model:
US18CB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30GA
Side Wind Baffle	UASWB30GA
Back Wind Baffle	UAWB30GA
Top Cover	UATC30GA
Central Controller	UACT32A

Indoor Accessories

Cassette Panel (Required)	GACCP01GA
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)
	Heating	-31~75°F (-35~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	18,000
	Capacity Range Btu/hr	6,000-19,000
	SEER2 / EER2	20/12
	Rated Power Input W	1,500
Heating	Moisture Removal Pt./hr.	5.5
	Rated Heating Capacity 47°F Btu/hr	18,000
	Heating Capacity Range Btu/hr	6,000-19,500
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV) / HSPF2 (V)	10/8
	Rated Power Input W	1,760
	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
Indoor Unit	Minimum Circuit Amp A	20
	Outdoor Noise Level dB	60
	Dimension: HxWxD in (mm)	27 3/4 x 38 3/8 x 13 3/8 (705 x 974 x 340)
	Carton Dimension: HxWxD in (mm)	30 7/8 x 41 1/8 x 18 1/8 (783 x 1046 x 460)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	104.59/122.46 (47.4/55.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	458/425/387/345/302
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	850/800/760/680/590
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	45/42/40/36/32
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	479/441/387/345/302
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	850/800/760/680/590
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	45/42/40/36/32
	Dimension: H x W x D in (mm)	10 1/4 x 22 3/4 x 22 3/4 (260 x 575 x 575)
	Carton Dimension: H x W x D in (mm)	27 7/8 x 25 3/4 x 14 1/4 (708 x 652 x 360)
	Weight (Net/Ship) - lbs (kg)	32.41/47.4 (14.7/21.5)
Indoor Unit	Drain Pipe Size O.D in	1
	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes
Refrigerant Line	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	1/2
	Factory Charge Oz	58.6
	Maximum Line Length Ft / m	83/25
Refrigerant Line	Maximum Height Ft / m	50/15

Condensate drain adapter shipped with indoor unit is designed to accept a 3/4" PVC pipe.
*WiFi includes SmartHQ™ Home and SmartHQ™ Service compatibility.



GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM CASSETTE

18K

1G18ED2BEA / US18CB2BEA

Heating Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																	
	60			65			70			75			80			86		
	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
-31°F (-35°C)	6,360	1,514	1.23	6,266	1,580	1.16	6,174	1,663	1.09	6,051	1,730	1.03	5,927	1,796	0.97	5,804	1,896	0.90
-22°F (-30°C)	7,722	1,598	1.42	7,609	1,668	1.34	7,497	1,756	1.25	7,347	1,826	1.18	7,197	1,896	1.11	7,047	2,002	1.03
-15°F (-26°C)	9,085	1,682	1.58	8,952	1,756	1.49	8,820	1,848	1.40	8,644	1,922	1.32	8,467	1,996	1.24	8,291	2,107	1.15
-5°F (-21°C)	10,939	1,858	1.73	10,779	1,940	1.63	10,620	2,042	1.52	10,408	2,123	1.44	10,195	2,205	1.36	9,983	2,327	1.26
0°F (-18°C)	12,793	2,018	1.86	12,606	2,107	1.75	12,420	2,218	1.64	12,172	2,306	1.55	11,923	2,395	1.46	11,675	2,528	1.35
5°F (-15°C)	14,832	2,130	2.04	14,616	2,224	1.93	14,400	2,341	1.80	14,112	2,434	1.70	13,824	2,528	1.60	13,536	2,669	1.49
14°F (-10°C)	15,203	1,954	2.28	14,981	2,040	2.15	14,760	2,147	2.01	14,465	2,233	1.90	14,170	2,319	1.79	13,874	2,448	1.66
23°F (-5°C)	16,871	1,778	2.78	16,626	1,856	2.63	16,380	1,954	2.46	16,052	2,032	2.32	15,725	2,110	2.18	15,397	2,227	2.03
32°F (0°C)	17,428	1,698	3.01	17,174	1,772	2.84	16,920	1,866	2.66	16,582	1,940	2.50	16,243	2,015	2.36	15,905	2,127	2.19
41°F (5°C)	19,096	1,746	3.21	18,818	1,822	3.03	18,540	1,901	2.86	18,169	1,995	2.67	17,798	2,072	2.52	17,428	2,187	2.34
47°F (8°C)	18,540	1,602	3.39	18,270	1,672	3.20	18,000	1,760	3.00	17,640	1,830	2.82	17,280	1,901	2.66	16,920	2,006	2.47
55°F (13°C)	18,077	1,361	3.89	17,813	1,421	3.67	17,550	1,496	3.44	17,199	1,556	3.24	16,848	1,616	3.06	16,497	1,705	2.84
65°F (18°C)	18,911	1,153	4.81	18,635	1,204	4.54	18,360	1,267	4.25	17,993	1,318	4.00	17,626	1,369	3.77	17,258	1,445	3.50
75°F (24°C)	19,838	1,249	4.65	19,549	1,304	4.39	19,260	1,373	4.11	18,875	1,428	3.87	18,490	1,483	3.66	18,104	1,565	3.39
86°F (30°C)	21,877	1,313	4.88	21,559	1,371	4.61	21,240	1,443	4.31	20,815	1,501	4.06	20,390	1,559	3.83	19,966	1,645	3.56

Cooling Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60 / 50			64 / 53			70 / 57			75 / 62			80 / 67			86 / 72			90 / 75		
	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)	11,081	550	5.90	11,664	560	6.10	12,539	570	6.45	13,414	580	6.78	14,580	590	7.24	15,455	600	7.55	16,184	610	7.78
32°F (0°C)	12,175	620	5.76	12,816	630	5.96	13,777	640	6.31	14,738	650	6.65	16,020	660	7.11	16,981	670	7.43	17,782	680	7.66
50°F (10°C)	14,227	700	5.96	14,976	710	6.18	16,099	720	6.55	17,222	730	6.91	18,720	740	7.41	19,843	750	7.75	20,779	760	8.01
68°F (20°C)	15,185	990	4.50	15,984	1,000	4.68	17,183	1,010	4.99	18,382	1,020	5.28	19,980	1,030	5.69	21,179	1,040	5.97	22,178	1,050	6.19
86°F (30°C)	14,159	1,280	3.24	14,904	1,290	3.39	16,022	1,300	3.61	17,140	1,310	3.83	18,630	1,320	4.14	19,748	1,330	4.35	20,679	1,340	4.52
95°F (35°C)	13,680	1,460	2.75	14,400	1,470	2.87	15,480	1,480	3.07	16,560	1,490	3.26	18,000	1,500	3.52	19,080	1,510	3.70	19,980	1,520	3.85
104°F (40°C)	11,765	1,420	2.43	12,384	1,430	2.54	13,313	1,440	2.71	14,242	1,450	2.88	15,480	1,460	3.11	16,409	1,470	3.27	17,183	1,480	3.40
110°F (43°C)	11,491	1,500	2.25	12,096	1,510	2.35	13,003	1,520	2.51	13,910	1,530	2.66	15,120	1,540	2.88	16,027	1,550	3.03	16,783	1,560	3.15
115°F (46°C)	11,081	1,610	2.02	11,664	1,620	2.11	12,539	1,630	2.25	13,414	1,640	2.40	14,580	1,650	2.59	15,455	1,660	2.73	16,184	1,670	2.84

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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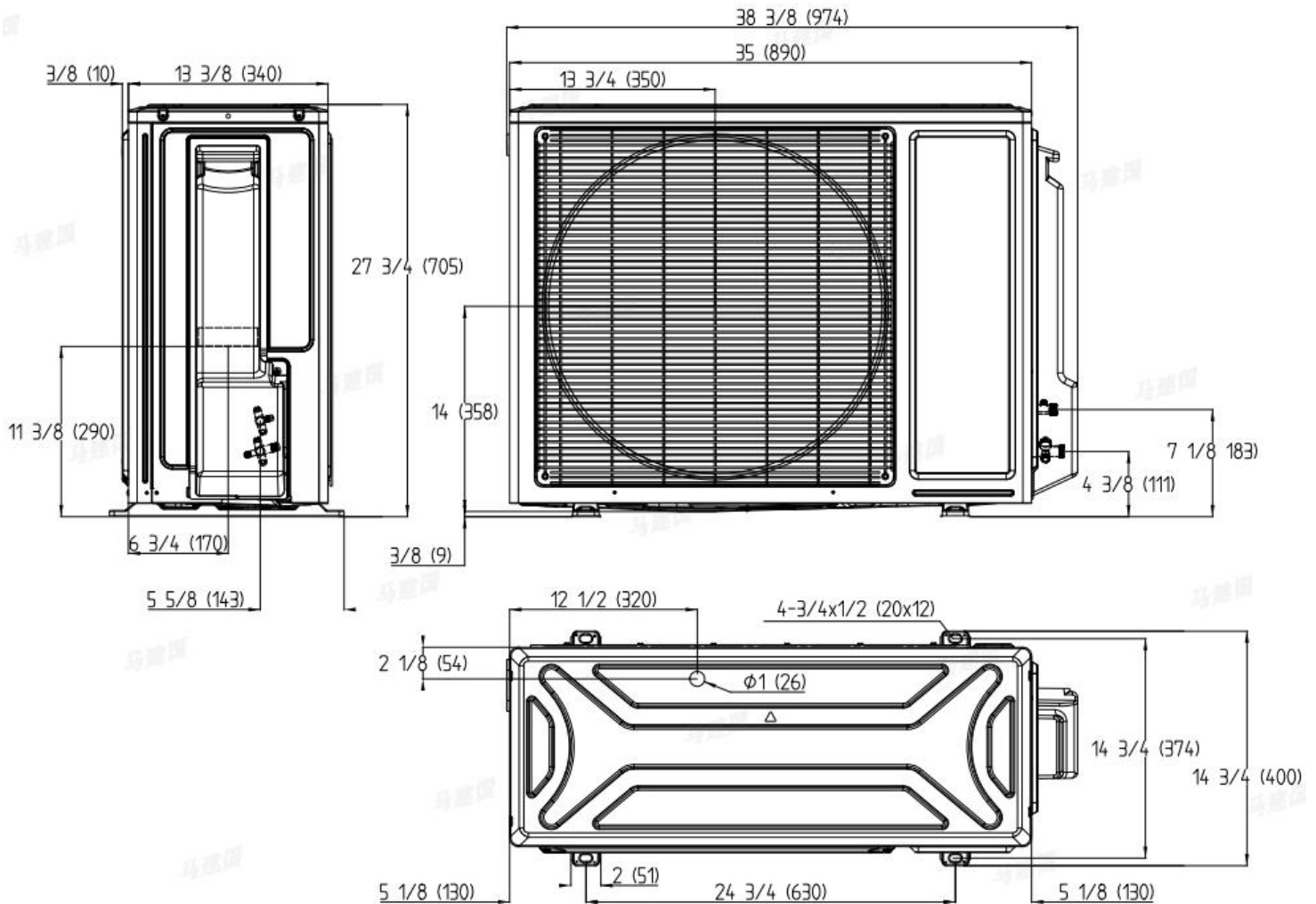


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM CASSETTE

18K

1G18ED2BEA



Note: Dimensions are shown in inches (millimeters)

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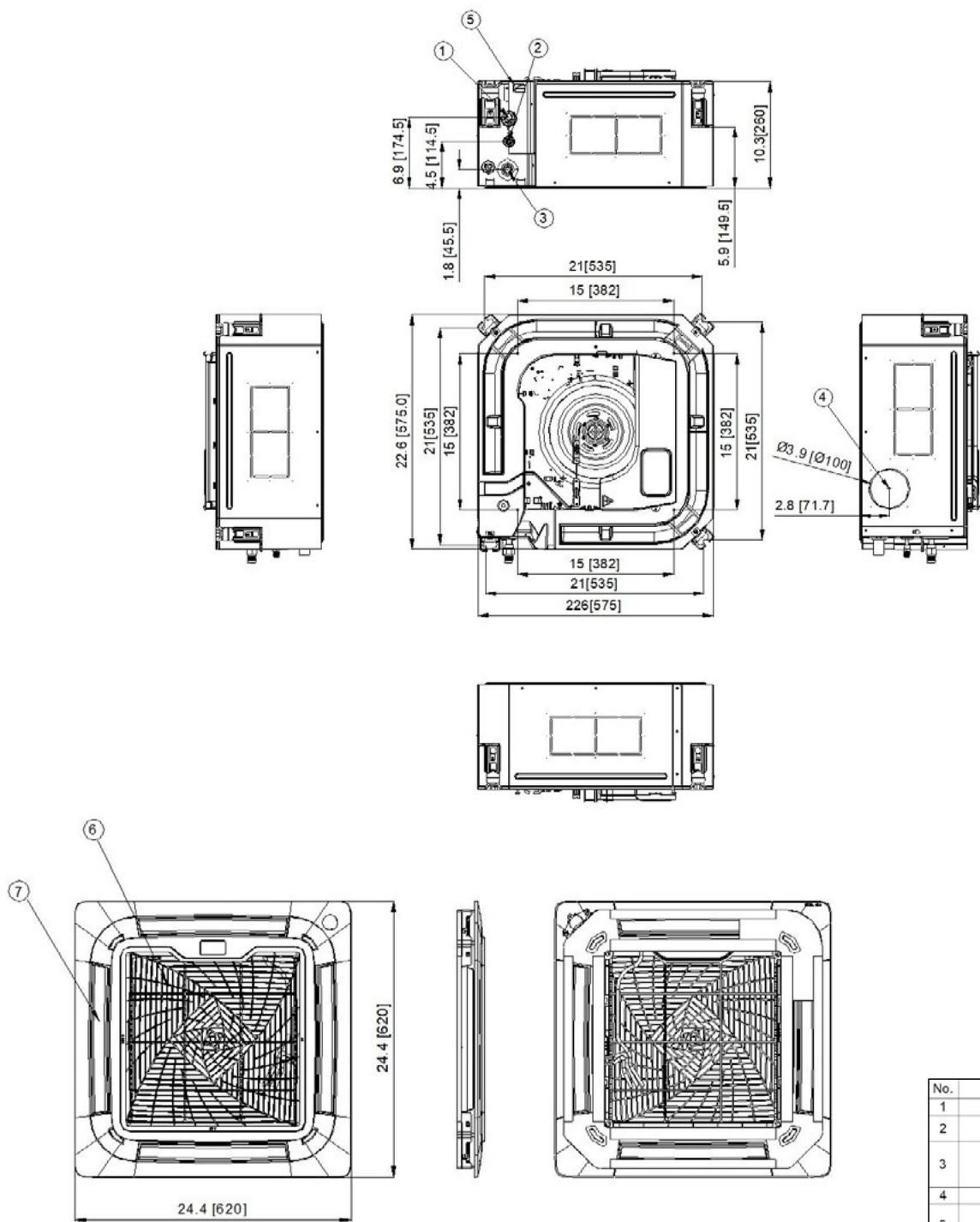


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM
CASSETTE

18K

US18CB2BEA



Note: Dimensions are shown in inches (millimeters)

No.	Parts Name	Notes
1	Gas pipe connection	
2	Liquid pipe connection	
3	Drain pipe connection	OD. Diameter: Ø0.984(25), ID. Diameter: ø0.827(21)
4	Fresh air inlet	
5	PQ line connection Power supply connection	
6	Air inlet grille	
7	Air outlet	





GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM CONSOLE

18K

SUBMITTAL

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

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



Outdoor Model:
1G18ED2BEA



Indoor Model:
US18FB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30GA
Side Wind Baffle	UASWB30GA
Back Wind Baffle	UAWB30GA
Top Cover	UATC30GA
Central Controller	UACT32A

Indoor Accessories

Wired Controller	GACT17B
Remote Controller	WJ26X35813

Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23~115°F (-5~46°C)
	Heating	-31~75°F (-35~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	17,000
	Capacity Range Btu/hr	6,000~18,500
	SEER2 / EER2	19/9
	Rated Power Input W	1,889
Heating	Moisture Removal Pt./hr.	3.8
	Rated Heating Capacity 47°F Btu/hr	18,000
	Heating Capacity Range Btu/hr	6,000-19,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV) / HSPF2 (V)	9.5/7.2
	Rated Power Input W	1,760
	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
Indoor Unit	Minimum Circuit Amp A	20
	Outdoor Noise Level dB	60
	Dimension: HxWxD in (mm)	27 3/4 x 38 3/8 x 13 3/8 (705 x 974 x 340)
	Carton Dimension: HxWxD in (mm)	30 7/8 x 41 1/8 x 18 1/8 (783 x 1046 x 460)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	104.59/122.46 (47.4/55.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	345/341/271/218/210
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	850/710/690/560/510
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	49/44/43/40/37
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	345/300/280/218/210
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	850/710/690/560/510
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	49/43/43/37/37
	Dimension: H x W x D in (mm)	23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220)
	Carton Dimension: H x W x D in (mm)	27 1/2 x 30 3/4 x 12 (700 x 780 x 300)
	Weight (Net/Ship) - lbs (kg)	32.41/43.43 (14.7/19.7)
Refrigerant Line	Drain Pipe Size O.D in	5/8
	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes
	Refrigerant	R454B
Refrigerant Line	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	1/2
	Factory Charge Oz	58.6
Refrigerant Line	Maximum Line Length Ft / m	83/25
	Maximum Height Ft / m	50/15

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

1G18ED2BEA / US18FB2BEA

Heating Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																	
	60			65			70			75			80			86		
	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
-31°F (-35°C)	6,100	1,413	1.27	6,011	1,475	1.19	5,922	1,553	1.12	5,804	1,615	1.05	5,685	1,677	0.99	5,566	1,769	0.92
-22°F (-30°C)	7,407	1,492	1.46	7,299	1,557	1.37	7,191	1,639	1.29	7,047	1,704	1.21	6,904	1,770	1.14	6,759	1,868	1.06
-15°F (-26°C)	8,714	1,570	1.63	8,587	1,639	1.54	8,460	1,725	1.44	8,291	1,794	1.35	8,122	1,863	1.28	7,952	1,966	1.19
-5°F (-21°C)	11,495	1,986	1.70	11,327	2,073	1.60	11,160	2,182	1.50	10,937	2,270	1.41	10,714	2,357	1.33	10,490	2,488	1.24
0°F (-18°C)	13,534	2,210	1.79	13,337	2,307	1.69	13,140	2,429	1.59	12,877	2,526	1.49	12,614	2,623	1.41	12,352	2,769	1.31
5°F (-15°C)	14,832	2,130	2.04	14,616	2,224	1.93	14,400	2,341	1.80	14,112	2,434	1.70	13,824	2,528	1.60	13,536	2,669	1.49
14°F (-10°C)	14,461	1,890	2.24	14,251	1,973	2.12	14,040	2,077	1.98	13,759	2,160	1.87	13,478	2,243	1.76	13,198	2,368	1.63
23°F (-5°C)	16,871	1,826	2.71	16,626	1,906	2.56	16,380	2,006	2.39	16,052	2,087	2.25	15,725	2,167	2.13	15,397	2,287	1.97
32°F (0°C)	17,428	1,762	2.90	17,174	1,839	2.74	16,920	1,936	2.56	16,582	2,013	2.41	16,243	2,091	2.28	15,905	2,207	2.11
41°F (5°C)	19,096	1,746	3.21	18,818	1,822	3.03	18,540	1,918	2.83	18,169	1,995	2.67	17,798	2,072	2.52	17,428	2,187	2.34
47°F (8°C)	18,540	1,602	3.39	18,270	1,672	3.20	18,000	1,760	3.00	17,640	1,830	2.82	17,280	1,901	2.66	16,920	2,006	2.47
55°F (13°C)	17,798	1,361	3.83	17,539	1,421	3.62	17,280	1,496	3.39	16,934	1,556	3.19	16,589	1,616	3.01	16,243	1,705	2.79
65°F (18°C)	18,355	1,153	4.66	18,087	1,204	4.40	17,820	1,267	4.12	17,464	1,318	3.88	17,107	1,369	3.66	16,751	1,445	3.40
75°F (24°C)	19,096	1,249	4.48	18,818	1,304	4.23	18,540	1,373	3.96	18,169	1,428	3.73	17,798	1,483	3.52	17,428	1,565	3.26
86°F (30°C)	19,838	1,313	4.43	19,549	1,371	4.18	19,260	1,443	3.91	18,875	1,501	3.69	18,490	1,559	3.48	18,104	1,645	3.23

Cooling Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60 / 50			64 / 53			70 / 57			75 / 62			80 / 67			86 / 72			90 / 75		
	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)	10,594	480	6.47	11,152	490	6.67	11,988	500	7.03	12,825	510	7.37	13,940	520	7.86	14,776	530	8.17	15,473	540	8.40
32°F (0°C)	11,886	570	6.11	12,512	580	6.32	13,450	590	6.68	14,389	600	7.03	15,640	610	7.51	16,578	620	7.84	17,360	630	8.08
50°F (10°C)	12,662	740	5.01	13,328	750	5.21	14,328	760	5.53	15,327	770	5.83	16,660	780	6.26	17,660	790	6.55	18,493	800	6.77
68°F (20°C)	13,695	1,110	3.62	14,416	1,120	3.77	15,497	1,130	4.02	16,578	1,140	4.26	18,020	1,150	4.58	19,101	1,160	4.83	20,002	1,170	5.01
86°F (30°C)	13,308	1,470	2.65	14,008	1,480	2.77	15,059	1,490	2.96	16,109	1,500	3.15	17,510	1,510	3.40	18,561	1,520	3.58	19,436	1,530	3.72
95°F (35°C)	12,920	1,850	2.05	13,600	1,860	2.14	14,620	1,870	2.29	15,640	1,880	2.44	17,000	1,889	2.64	18,020	1,900	2.78	18,870	1,910	2.90
104°F (40°C)	11,111	1,810	1.80	11,696	1,820	1.88	12,573	1,830	2.01	13,450	1,840	2.14	14,620	1,850	2.32	15,497	1,860	2.44	16,228	1,870	2.54
110°F (43°C)	10,594	1,890	1.64	11,152	1,900	1.72	11,988	1,910	1.84	12,825	1,920	1.96	13,940	1,930	2.12	14,776	1,940	2.23	15,473	1,950	2.33
115°F (46°C)	10,078	1,910	1.55	10,608	1,920	1.62	11,404	1,930	1.73	12,199	1,940	1.84	13,260	1,950	1.99	14,056	1,960	2.10	14,719	1,970	2.19

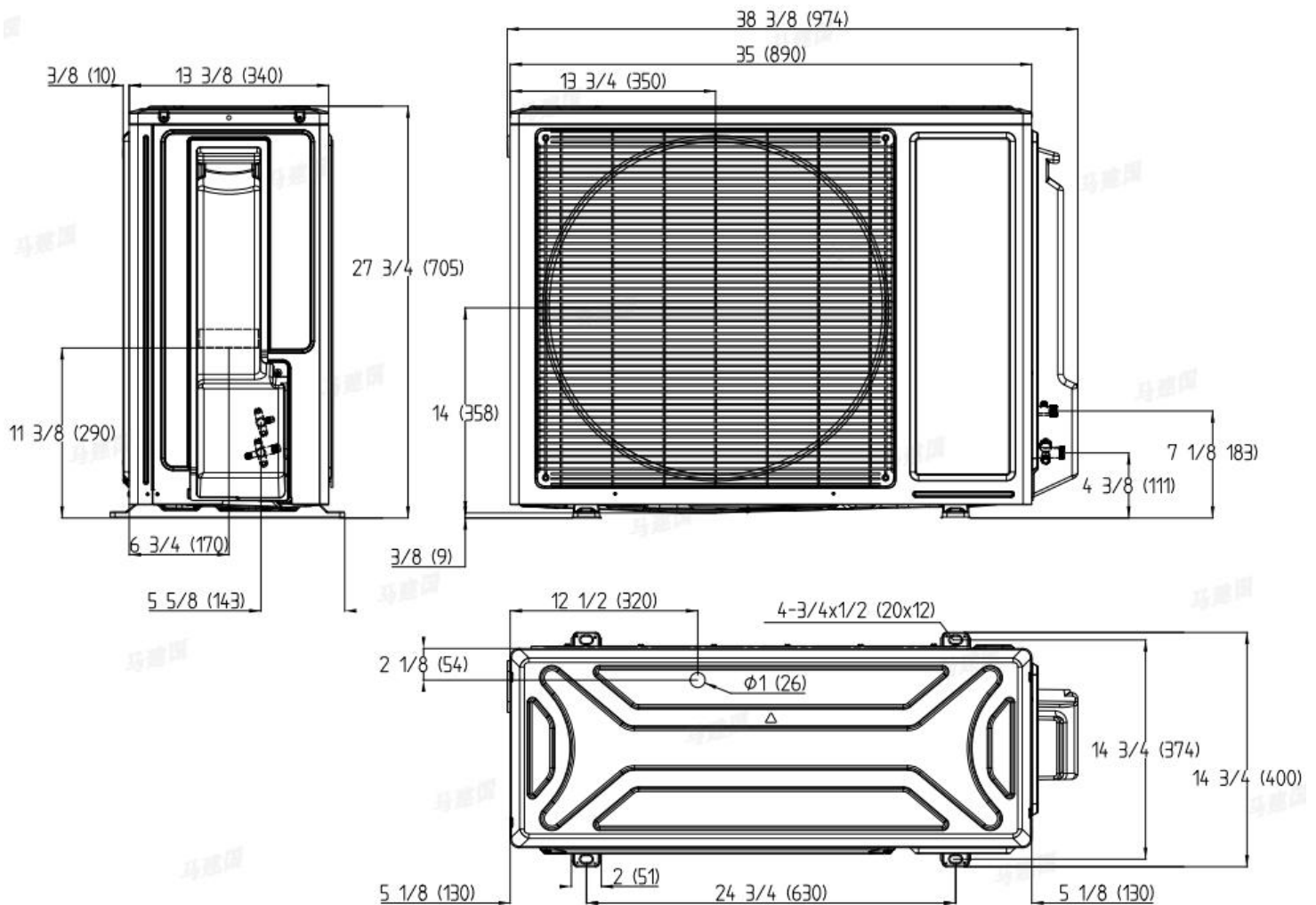
Heating and cooling capacities and power usage are measured under the assumption of indoor humidity of 46%.

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



18K

1G18ED2BEA



Note: Dimensions are shown in inches (millimeters)

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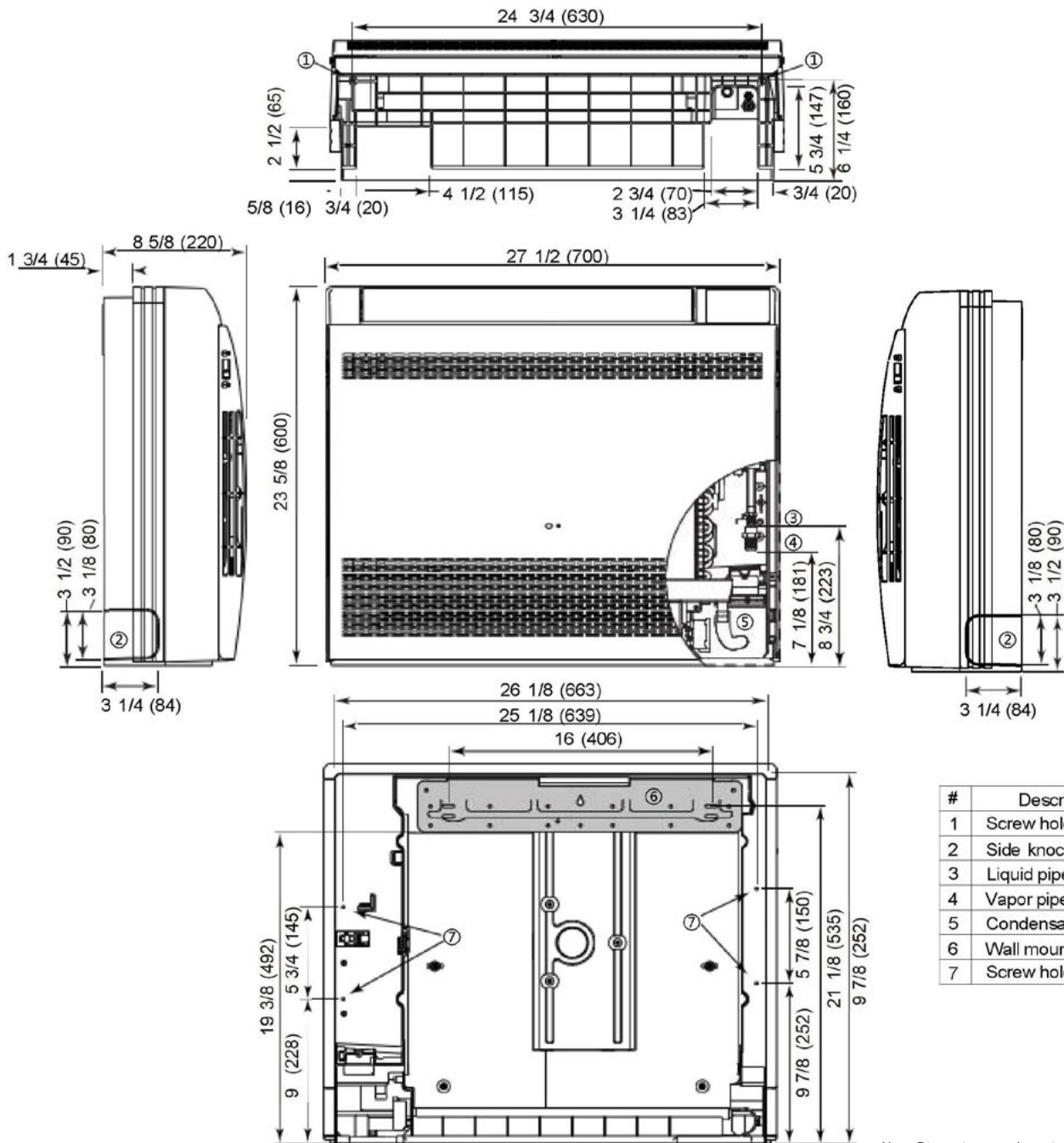


GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM CONSOLE

18K

US18FB2BEA



#	Description
1	Screw holes for floor install
2	Side knockout
3	Liquid pipe connection
4	Vapor pipe connection
5	Condensate drain
6	Wall mounting plate
7	Screw holes for wall install

Note: Dimensions are shown in inches (millimeters)

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GE APPLIANCES

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEM DUCTED

18K

SUBMITTAL

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

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



Outdoor Model:
1G18ED2BEA



Indoor Model:
US18MB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30GA
Side Wind Baffle	UASWB30GA
Back Wind Baffle	UAWB30GA
Top Cover	UATC30GA
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)
	Heating	-31~75°F (-35~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	18,000
	Capacity Range Btu/hr	6,000-19,000
	SEER2 / EER2	18/11.7
	Rated Power Input W	1,539
Heating	Moisture Removal Pt./hr.	3.8
	Rated Heating Capacity 47°F Btu/hr	20,000
	Heating Capacity Range Btu/hr	6,000-20,500
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV) / HSPF2 (V)	10.5/8.5
	Rated Power Input W	1,585
	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
Indoor Unit	Minimum Circuit Amp A	20
	Outdoor Noise Level dB	60
	Dimension: HxWxD in (mm)	27 3/4 x 38 3/8 x 13 3/8 (705 x 974 x 340)
	Carton Dimension: HxWxD in (mm)	30 7/8 x 41 1/8 x 18 1/8 (783 x 1046 x 460)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	104.59/122.46 (47.4/55.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	620/517/332/214/203
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	880/820/760/700/640
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	48/45/42/39/36
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	627/523/337/217/205
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	880/820/760/700/640
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	48/45/42/39/36
	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 Line	Drain Pipe Size O.D in	1
	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes
	Refrigerant	R454B
Refrigerant Line	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	1/2
	Factory Charge Oz	58.6
Refrigerant Line	Maximum Line Length Ft / m	83/25
	Maximum Height Ft / m	50/15

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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.

1G18ED2BEA / US18MB2BEA

Heating Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																	
	60			65			70			75			80			86		
	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
-31°F (-35°C)	6,633	1,273	1.53	6,537	1,328	1.44	6,440	1,398	1.35	6,311	1,454	1.27	6,182	1,510	1.20	6,054	1,571	1.13
-22°F (-30°C)	8,055	1,343	1.76	7,937	1,402	1.66	7,820	1,475	1.55	7,664	1,534	1.46	7,507	1,594	1.38	7,351	1,658	1.30
-15°F (-26°C)	9,476	1,414	1.96	9,338	1,476	1.85	9,200	1,553	1.74	9,016	1,615	1.64	8,832	1,678	1.54	8,648	1,745	1.45
-5°F (-21°C)	11,948	1,659	2.11	11,774	1,732	1.99	11,600	1,823	1.87	11,368	1,896	1.76	11,136	1,969	1.66	10,904	2,047	1.56
0°F (-18°C)	13,390	1,760	2.23	13,195	1,837	2.11	13,000	1,934	1.97	12,740	2,011	1.86	12,480	2,088	1.75	12,220	2,172	1.65
5°F (-15°C)	17,510	2,524	2.03	17,255	2,635	1.92	17,000	2,774	1.80	16,660	2,885	1.69	15,360	2,996	1.50	15,040	3,115	1.41
14°F (-10°C)	17,510	1,947	2.64	17,255	2,033	2.49	17,000	2,140	2.33	16,660	2,225	2.19	15,360	2,311	1.95	15,040	2,403	1.83
23°F (-5°C)	18,540	1,644	3.30	18,270	1,717	3.12	18,000	1,807	2.92	17,640	1,879	2.75	17,280	1,951	2.60	16,920	2,030	2.44
32°F (0°C)	19,158	1,587	3.54	18,879	1,656	3.34	18,600	1,744	3.13	18,228	1,813	2.95	17,856	1,883	2.78	17,484	1,958	2.62
41°F (5°C)	21,012	1,414	4.36	20,706	1,476	4.11	20,400	1,553	3.85	19,992	1,615	3.63	19,584	1,678	3.42	19,176	1,745	3.22
47°F (8°C)	20,600	1,442	4.19	20,300	1,506	3.95	20,000	1,585	3.70	19,600	1,648	3.48	19,200	1,712	3.29	18,800	1,807	3.05
55°F (13°C)	20,188	1,226	4.83	19,894	1,280	4.56	19,600	1,347	4.26	19,208	1,401	4.02	18,816	1,455	3.79	18,424	1,536	3.52
65°F (18°C)	20,806	1,038	5.87	20,503	1,084	5.54	20,200	1,141	5.19	19,796	1,187	4.89	19,392	1,232	4.61	18,988	1,301	4.28
75°F (24°C)	22,248	1,125	5.80	21,924	1,174	5.47	21,600	1,236	5.12	21,168	1,286	4.83	20,736	1,335	4.55	20,304	1,409	4.22
86°F (30°C)	24,514	1,183	6.07	24,157	1,235	5.73	23,800	1,300	5.37	23,324	1,352	5.06	22,848	1,404	4.77	22,372	1,482	4.43

Cooling Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60 / 50			64 / 53			70 / 57			75 / 62			80 / 67			86 / 72			90 / 75		
	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)	11,218	580	5.67	11,808	590	5.87	12,694	600	6.20	13,579	610	6.52	14,760	620	6.98	15,646	630	7.28	16,384	640	7.50
32°F (0°C)	12,586	650	5.67	13,248	660	5.88	14,242	670	6.23	15,235	680	6.57	16,560	690	7.03	17,554	700	7.35	18,382	710	7.59
50°F (10°C)	13,406	730	5.38	14,112	740	5.59	15,170	750	5.93	16,229	760	6.26	17,640	770	6.71	18,698	780	7.03	19,580	790	7.26
68°F (20°C)	14,501	1,040	4.09	15,264	1,050	4.26	16,409	1,060	4.54	17,554	1,070	4.81	19,080	1,080	5.18	20,225	1,090	5.44	21,179	1,100	5.64
86°F (30°C)	14,090	1,350	3.06	14,832	1,360	3.20	15,944	1,370	3.41	17,057	1,380	3.62	18,540	1,390	3.91	19,652	1,400	4.11	20,579	1,410	4.28
95°F (35°C)	13,680	1,499	2.67	14,400	1,509	2.80	15,480	1,519	2.99	16,560	1,529	3.17	18,000	1,539	3.43	19,080	1,549	3.61	19,980	1,559	3.76
104°F (40°C)	11,765	1,480	2.33	12,384	1,490	2.44	13,313	1,500	2.60	14,242	1,510	2.76	15,480	1,520	2.98	16,409	1,530	3.14	17,183	1,540	3.27
110°F (43°C)	11,218	1,580	2.08	11,808	1,590	2.18	12,694	1,600	2.33	13,579	1,610	2.47	14,760	1,620	2.67	15,646	1,630	2.81	16,384	1,640	2.93
115°F (46°C)	10,670	1,680	1.86	11,232	1,690	1.95	12,074	1,700	2.08	12,917	1,710	2.21	14,040	1,720	2.39	14,882	1,730	2.52	15,584	1,740	2.63

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.

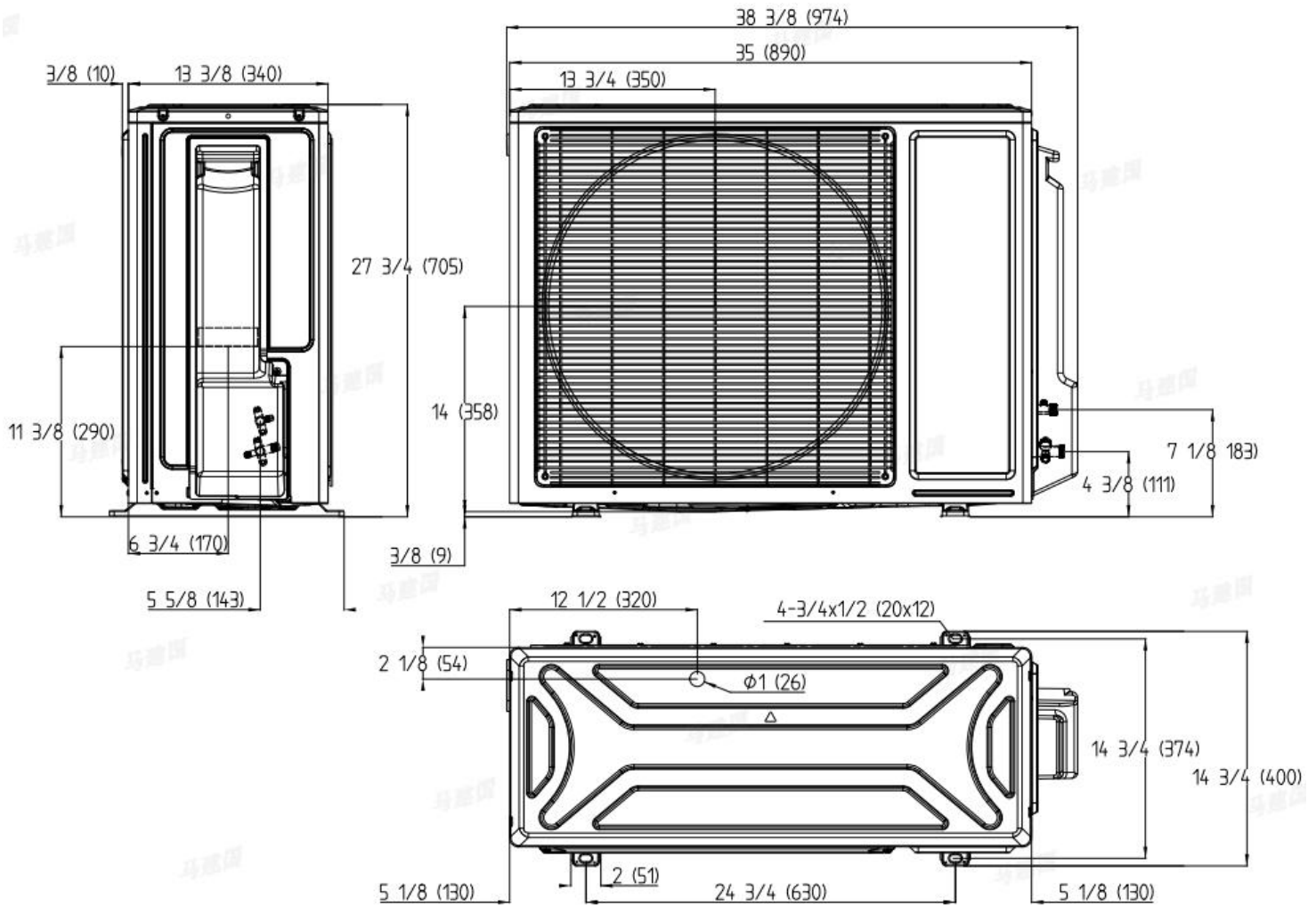


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18K

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Note: Dimensions are shown in inches (millimeters)

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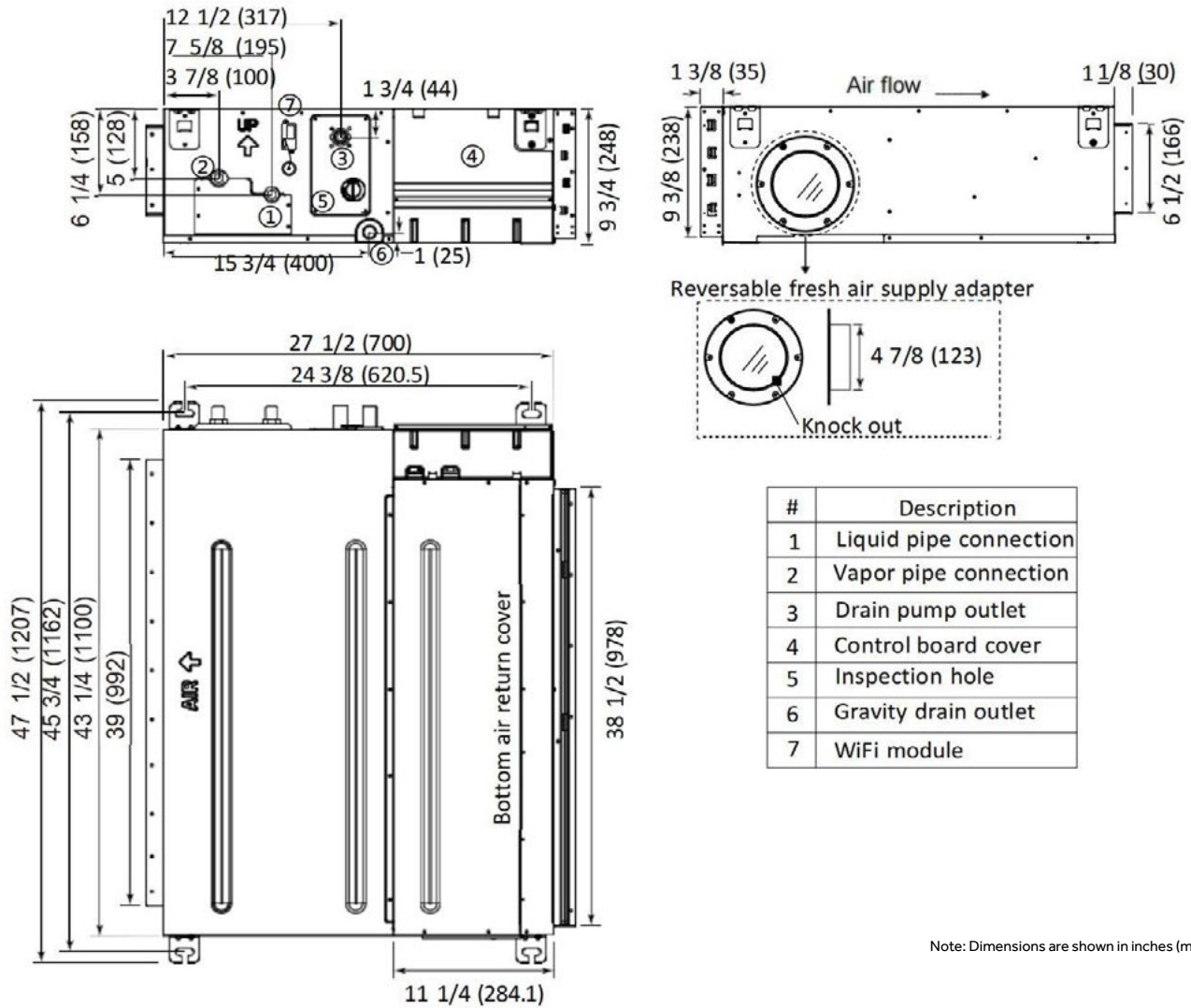


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SUBMITTAL REVISION HISTORY

03-11-25: Submittal release.

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