

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

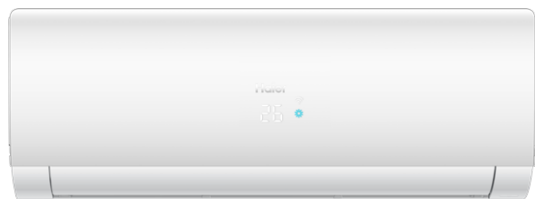
Drawing #: _____



Outdoor Model:
1Q09FF2BEA



Indoor Model:
QS09WB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB15WA
Side Wind Baffle	UASWB15WA
Back Wind Baffle	UAWB15WA
Top Cover	UATC15WA
Central Controller	UACT32A

Indoor Accessories

Wired Controller	QACT17B
Refrigerant Detection Sensor (RDS)	UALS01A
Remote Controller	WJ26X35393

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	9,000
	Capacity Range Btu/hr	3,100-11,000
	SEER2 / EER2	23 / 12
	Rated Power Input W	750
Heating	Moisture Removal Pt./hr	2.6
	Rated Heating Capacity 47°F Btu/hr	10,000
	Heating Capacity Range Btu/hr	3,100-11,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV)	9.5
	Rated Power Input W	792
	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	15
Indoor Unit	Minimum Circuit Amp A	9
	Outdoor Noise Level dB	55
	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)
	Carton Dimension: H x W x D in (mm)	24 3/8 x 36 5/8 x 16 (618 x 929 x 407)
Indoor Unit	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)	360/290/260/230/210
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1250/1050/950/850/750
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	44/38/35/32/27
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	350/290/250/220/200
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1200/1020/895/770/700
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	42/36/32/28/26
	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 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	3/8
Refrigerant Lines	Factory Charge Oz	36.5
	Maximum Line Length Ft / m	66/20
Refrigerant Lines	Maximum Height Ft / m	33/10

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

1Q09FF2BEA / QS09WB2BEA

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)	6,992	1,042	1.97	6,574	1,063	1.81	6,376	1,084	1.72	6,184	1,107	1.64	5,998	1,129	1.56	5,818	1,152	1.48	5,470	1,176	1.36
-5°F (-21°C)	7,902	1,145	2.02	7,429	1,169	1.86	7,205	1,192	1.77	6,989	1,217	1.68	6,779	1,242	1.60	6,575	1,267	1.52	6,181	1,293	1.40
0°F (-18°C)	8,376	1,214	2.02	7,874	1,239	1.86	7,638	1,264	1.77	7,408	1,290	1.68	7,185	1,316	1.60	6,969	1,343	1.52	6,552	1,371	1.40
5°F (-15°C)	9,045	1,226	2.16	8,504	1,251	1.99	8,248	1,277	1.89	8,000	1,303	1.80	7,759	1,330	1.71	7,526	1,357	1.63	7,075	1,384	1.50
14°F (-10°C)	9,588	1,231	2.28	9,014	1,256	2.10	8,743	1,282	2.00	8,480	1,308	1.90	8,225	1,335	1.81	7,978	1,362	1.72	7,500	1,390	1.58
23°F (-5°C)	10,163	1,236	2.41	9,555	1,261	2.22	9,267	1,287	2.11	8,989	1,313	2.01	8,718	1,340	1.91	8,456	1,368	1.81	7,950	1,396	1.67
32°F (0°C)	10,773	1,183	2.67	10,128	1,207	2.46	9,823	1,232	2.34	9,528	1,257	2.22	9,242	1,283	2.11	8,964	1,309	2.01	8,427	1,335	1.85
41°F (5°C)	11,419	1,075	3.11	10,736	1,097	2.87	10,413	1,120	2.73	10,100	1,143	2.59	9,796	1,166	2.46	9,501	1,190	2.34	8,932	1,214	2.16
47°F (8°C)	11,307	745	4.45	10,630	761	4.10	10,310	776	3.89	10,000	792	3.70	9,699	808	3.52	9,408	825	3.34	8,844	841	3.08
55°F (13°C)	11,646	749	4.56	10,948	764	4.20	10,619	780	3.99	10,300	796	3.79	9,990	812	3.60	9,690	829	3.43	9,109	846	3.16
65°F (18°C)	11,995	753	4.67	11,276	768	4.30	10,937	784	4.09	10,608	800	3.89	10,289	816	3.69	9,980	833	3.51	9,382	850	3.24
75°F (24°C)	12,354	757	4.78	11,614	772	4.41	11,265	788	4.19	10,926	804	3.98	10,598	820	3.79	10,279	837	3.60	9,664	854	3.32

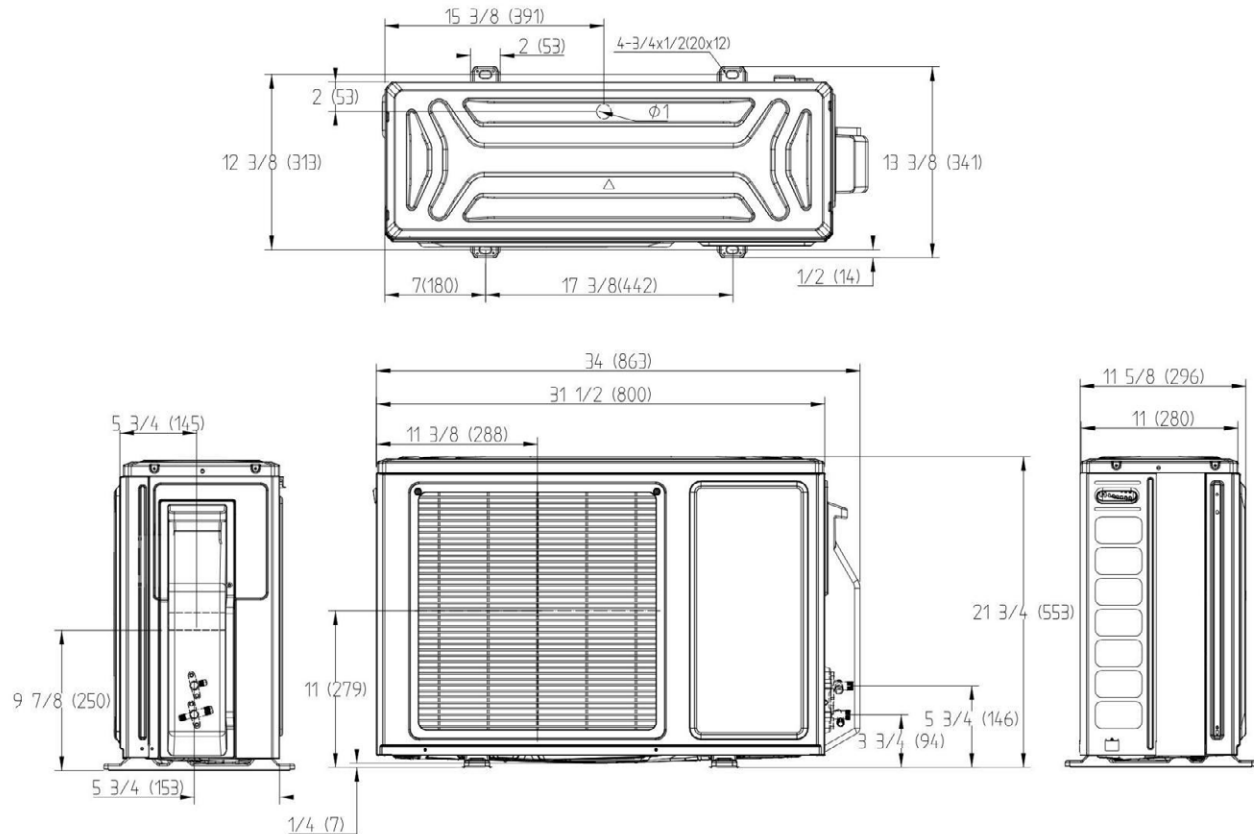
Cooling Capacity Data

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)	7,600	536	14.18	7,929	516	15.35	8,272	497	16.65	8,630	478	18.04	9,004	461	19.55	9,394	444	21.17	9,800	428	22.91
-22°F (-30°C)	7,728	547	14.13	8,063	527	15.30	8,412	507	16.59	8,776	488	17.98	9,156	470	19.48	9,552	453	21.09	9,966	437	22.83
-15°F (-26°C)	7,859	558	14.08	8,199	538	15.25	8,554	517	16.53	8,924	498	17.92	9,311	480	19.42	9,714	462	21.02	10,134	445	22.75
-4°F (-20°C)	7,992	569	14.03	8,338	549	15.19	8,698	528	16.47	9,075	508	17.86	9,468	489	19.35	9,878	472	20.95	10,306	455	22.67
5°F (-15°C)	8,127	581	13.99	8,478	560	15.14	8,846	539	16.42	9,228	519	17.79	9,628	499	19.28	10,045	481	20.88	10,480	464	22.59
14°F (-10°C)	8,264	593	13.94	8,622	571	15.09	8,995	550	16.36	9,384	529	17.73	9,791	509	19.22	10,215	491	20.80	10,657	473	22.52
23°F (-5°C)	8,404	605	13.89	8,767	583	15.04	9,147	561	16.30	9,543	540	17.67	9,956	520	19.15	10,387	501	20.73	10,837	483	22.44
32°F (0°C)	8,236	666	12.36	8,592	642	13.38	8,964	618	14.51	9,352	595	15.73	9,757	573	17.04	10,180	552	18.45	10,620	532	19.97
50°F (10°C)	8,071	727	11.11	8,420	700	12.03	8,785	674	13.04	9,165	649	14.13	9,562	624	15.32	9,976	602	16.58	10,408	580	17.94
68°F (20°C)	7,910	785	10.08	8,252	756	10.91	8,609	728	11.83	8,982	700	12.82	9,371	674	13.90	9,777	650	15.05	10,200	626	16.28
86°F (30°C)	7,751	839	9.24	8,087	809	10.00	8,437	778	10.84	8,802	749	11.75	9,184	721	12.74	9,581	695	13.79	9,996	670	14.92
95°F (35°C)	7,596	873	8.70	7,925	841	9.42	8,269	809	10.22	8,627	779	11.07	9,000	750	12.00	9,390	723	12.99	9,796	697	14.06
104°F (40°C)	7,445	908	8.20	7,767	875	8.88	8,103	842	9.63	8,454	810	10.43	8,820	780	11.31	9,202	752	12.24	9,600	725	13.25
110°F (43°C)	7,370	926	7.96	7,689	893	8.61	8,022	859	9.34	8,370	827	10.12	8,732	796	10.97	9,110	767	11.88	9,504	739	12.85
115°F (46°C)	7,296	954	7.64	7,612	920	8.28	7,942	885	8.97	8,286	852	9.73	8,645	820	10.54	9,019	790	11.41	9,409	762	12.35

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

1Q09FF2BEA



Note: Dimensions are shown in inches (millimeters)

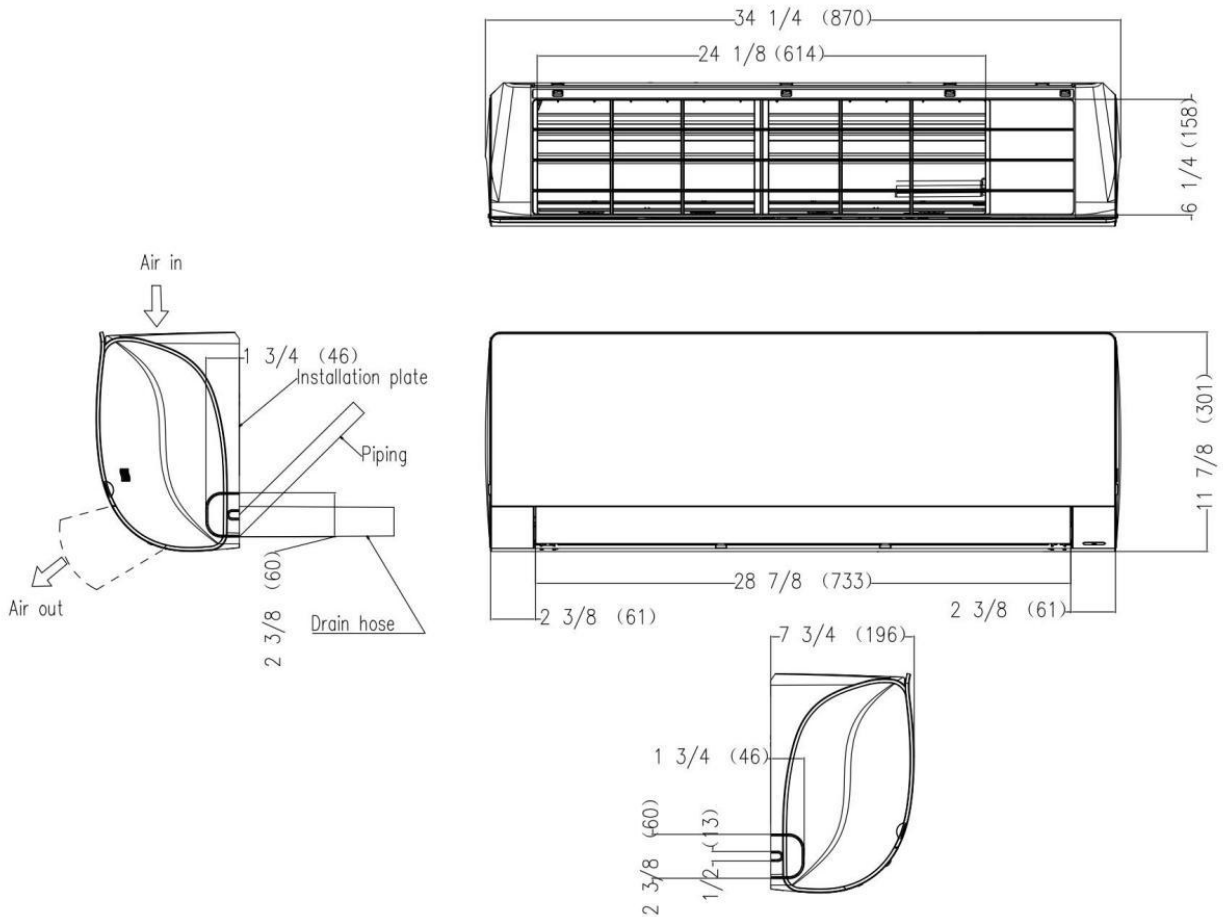
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QS09WB2BEA



Note: Dimensions are shown in inches (millimeters)

Job Name: _____

Purchaser: _____

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Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q09FF2BEA



Indoor Model:
US09CB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB15WA
Side Wind Baffle	UASWB15WA
Back Wind Baffle	UAWB15WA
Top Cover	UATC15WA
Central Controller	UACT32A

Indoor Accessories

Cassette Panel (Required)	QACCP01WA
Wired Controller	QACT17B
Refrigerant Detection Sensor (RDS)	UALS01A
Remote Controller	WJ26X35394

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	9,000
	Capacity Range Btu/hr	3,100-11,000
	SEER2 / EER2	20 / 12.2
	Rated Power Input W	750
	Moisture Removal Pt./hr	2.5
Heating	Rated Heating Capacity 47°F Btu/hr	10,000
	Heating Capacity Range Btu/hr	3,100-11,000
	COP 5°F	1.8
	HSPF2 (IV)	9.5
	Rated Power Input W	838
Outdoor Unit	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	15
	Minimum Circuit Amp A	9
	Outdoor Noise Level dB	55
	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)
	Carton Dimension: H x W x D 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)
Indoor Unit	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	440/387/351/320/290
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	830/760/690/620/560
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	41/39/34/31/23
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	440/387/351/320/290
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	830/760/690/620/560
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	41/39/34/30/23
	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)
	Drain Pipe Size O.D in	1*
	Max. Drain-Lift Height in (mm)	47 1/4 (1200)
	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	3/8
	Factory Charge Oz	36.5
	Maximum Line Length Ft / m	66/20
	Maximum Height Ft / m	33/10

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

1Q09FF2BEA / US09CB2BEA

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)	4,617	713	1.90	4,341	727	1.75	4,210	742	1.66	4,084	757	1.58	3,961	773	1.50	3,842	789	1.43	3,612	805	1.32
-5°F (-21°C)	5,560	781	2.09	5,227	797	1.92	5,069	813	1.83	4,917	830	1.74	4,769	847	1.65	4,626	864	1.57	4,349	882	1.45
0°F (-18°C)	6,502	843	2.26	6,112	860	2.08	5,929	878	1.98	5,750	896	1.88	5,577	914	1.79	5,410	933	1.70	5,086	952	1.57
5°F (-15°C)	8,480	1,146	2.17	7,972	1,170	2.00	7,733	1,194	1.90	7,500	1,218	1.80	7,274	1,243	1.72	7,056	1,268	1.63	6,633	1,294	1.50
14°F (-10°C)	7,726	837	2.71	7,263	854	2.49	7,045	871	2.37	6,833	889	2.25	6,628	907	2.14	6,428	926	2.04	6,043	944	1.88
23°F (-5°C)	8,574	706	3.56	8,060	721	3.28	7,818	736	3.12	7,583	751	2.96	7,355	766	2.81	7,134	781	2.68	6,707	797	2.46
32°F (0°C)	8,856	682	3.81	8,326	696	3.51	8,076	710	3.33	7,833	724	3.17	7,597	739	3.01	7,369	754	2.86	6,928	770	2.64
41°F (5°C)	9,705	676	4.21	9,123	690	3.88	8,849	704	3.68	8,583	718	3.50	8,325	733	3.33	8,075	748	3.16	7,591	763	2.92
47°F (8°C)	11,307	789	4.20	10,630	805	3.87	10,310	821	3.68	10,000	838	3.50	9,699	855	3.32	9,408	873	3.16	8,844	890	2.91
55°F (13°C)	11,024	671	4.82	10,364	684	4.44	10,053	698	4.22	9,750	713	4.01	9,457	727	3.81	9,173	742	3.62	8,624	757	3.34
65°F (18°C)	11,533	569	5.95	10,842	580	5.48	10,516	592	5.21	10,200	604	4.95	9,894	616	4.70	9,596	629	4.47	9,021	642	4.12
75°F (24°C)	12,098	615	5.76	11,374	628	5.31	11,032	641	5.05	10,700	654	4.80	10,378	667	4.56	10,066	681	4.33	9,463	695	3.99

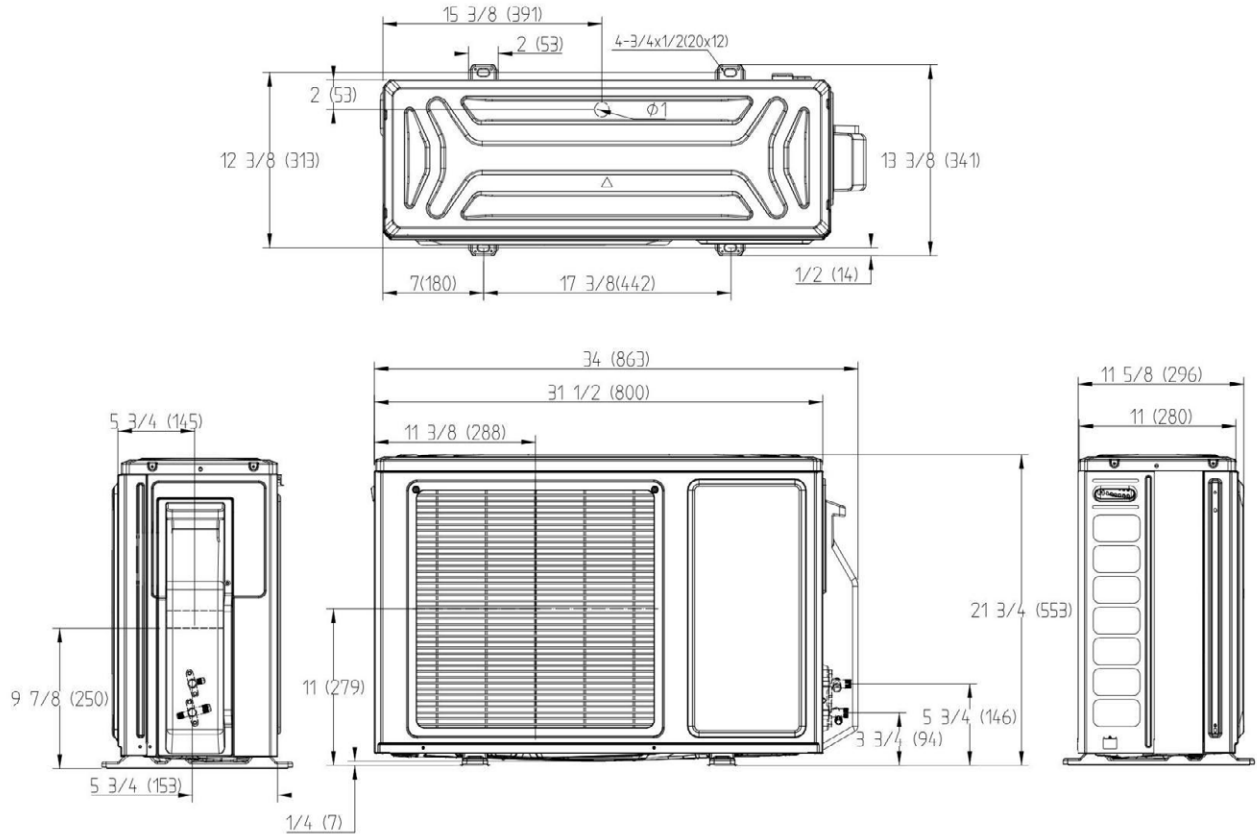
Cooling Capacity Data

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)	5,565	289	19.28	5,806	278	20.87	6,057	268	22.63	6,319	258	24.53	6,593	248	26.58	6,878	239	28.78	7,176	230	31.14
-22°F (-30°C)	5,659	295	19.21	5,904	284	20.80	6,159	273	22.55	6,426	263	24.44	6,704	253	26.49	6,994	244	28.68	7,297	235	31.04
-15°F (-26°C)	5,754	301	19.15	6,003	290	20.73	6,263	279	22.48	6,535	268	24.36	6,817	258	26.40	7,113	249	28.58	7,421	240	30.93
-4°F (-20°C)	5,852	307	19.08	6,105	296	20.66	6,369	284	22.40	6,645	274	24.28	6,933	264	26.31	7,233	254	28.48	7,546	245	30.82
5°F (-15°C)	5,950	313	19.01	6,208	302	20.59	6,477	290	22.32	6,757	279	24.19	7,050	269	26.22	7,355	259	28.38	7,674	250	30.72
14°F (-10°C)	6,051	319	18.95	6,313	308	20.52	6,586	296	22.24	6,871	285	24.11	7,169	274	26.13	7,479	264	28.29	7,803	255	30.61
23°F (-5°C)	6,153	326	18.88	6,420	314	20.45	6,698	302	22.17	6,988	291	24.03	7,290	280	26.04	7,606	270	28.19	7,935	260	30.51
32°F (0°C)	6,761	384	17.61	7,054	370	19.06	7,359	356	20.67	7,678	343	22.40	8,010	330	24.28	8,357	318	26.28	8,719	307	28.44
50°F (10°C)	7,900	431	18.35	8,242	415	19.87	8,599	399	21.54	8,972	384	23.35	9,360	370	25.30	9,765	357	27.39	10,188	344	29.64
68°F (20°C)	8,432	605	13.93	8,797	583	15.09	9,178	561	16.36	9,576	540	17.73	9,990	520	19.21	10,423	501	20.80	10,874	483	22.51
86°F (30°C)	7,862	780	10.08	8,203	751	10.92	8,558	723	11.84	8,928	696	12.83	9,315	670	13.90	9,718	646	15.05	10,139	622	16.29
95°F (35°C)	7,596	873	8.70	7,925	841	9.42	8,269	809	10.22	8,627	779	11.07	9,000	750	12.00	9,390	723	12.99	9,796	697	14.06
104°F (40°C)	6,533	838	7.80	6,816	807	8.44	7,111	777	9.15	7,419	748	9.92	7,740	720	10.75	8,075	694	11.64	8,425	669	12.59
110°F (43°C)	6,381	908	7.03	6,657	875	7.61	6,946	842	8.25	7,246	810	8.94	7,560	780	9.69	7,887	752	10.49	8,229	725	11.36
115°F (46°C)	6,153	943	6.53	6,420	908	7.07	6,698	874	7.66	6,988	841	8.31	7,290	810	9.00	7,606	781	9.74	7,935	752	10.55

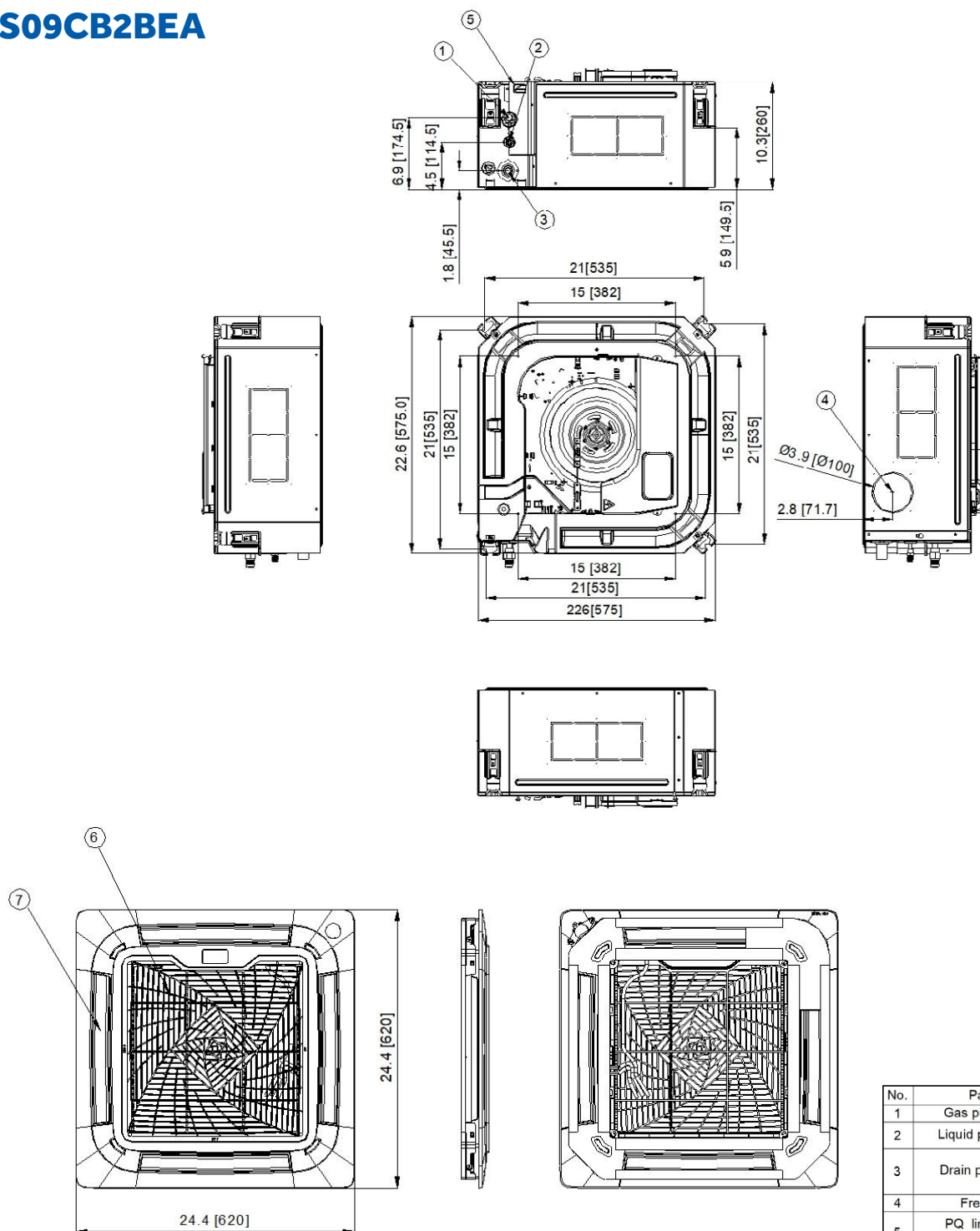
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q09FF2BEA



Note: Dimensions are shown in inches (millimeters)

US09CB2BEA



No.	Parts Name	Notes
1	Gas pipe connection	
2	Liquid pipe connection	
3	Drain pipe connection	OD. Diameter: Ø0.984(25), ID. Diameter: $\phi 0.827(21)$
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)

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Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q09FF2BEA



Indoor Model:
US09CB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB15WA
Side Wind Baffle	UASWB15WA
Back Wind Baffle	UAWB15WA
Top Cover	UATC15WA
Central Controller	UACT32A

Indoor Accessories

Cassette Panel (Required)	QAABP0718A
Wired Controller	QACT17B
Refrigerant Detection Sensor (RDS)	UALS01A
Remote Controller	WJ26X35394

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
	Interconnecting Wires:	14 gauge 4 conductor stranded copper wire
Cooling	Rated Capacity Btu/hr	9,000
	Capacity Range Btu/hr	3,900-9,000
	SEER2 / EER2	23/14
Heating	Moisture Removal Pt./hr	2.0
	Rated Heating Capacity 47°F Btu/hr	10,000
	Heating Capacity Range Btu/hr	2,800-10,000
	COP 5°F	1.8
	HSPF2(IV)/HSPF2(V)	10.6/8.3
Outdoor Unit	Rated Heating Capacity 5°F Btu/hr	9,000
	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	15
	Minimum Circuit Amp A	9
	Outdoor Noise Level dB	55
Indoor Unit	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)
	Carton Dimension: H x W x D 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)	365/325/285/245/205
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1200/1100/1000/900/800
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	40/39/36/32/28
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	385/345/310/280/240
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1200/1100/1025/950/850
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	42/39/37/35/30
	Dimension: H x W x D in (mm)	7 1/4 x 50 1/4 x 13 1/4 (185 x 1277 x 335)
	Carton Dimension: H x W x D in (mm)	13 3/8 x 54 1/4 x 20 1/2 (340 x 1375 x 520)
	Weight (Net/Ship) - lbs (kg)	41.4/76.7 (18.8/34.8)
	Drain Pipe Size O.D in	1*
Refrigerant Lines	Max. Drain-Lift Height in (mm)	47 1/4 (1200)
	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)
	Refrigerant	R454B
Refrigerant Lines	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 Lines	Maximum Height Ft / m	33/10
	Permissible Line Set Material	ACR Clean Copper

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

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

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

1Q09FF2BEA / US09AB2BEA

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)	7,866	1,171	1.97	7,395	1,195	1.81	7,173	1,219	1.72	6,957	1,244	1.64	6,748	1,270	1.56	6,545	1,295	1.48	6,153	1,322	1.36
-5°F (-21°C)	8,890	1,288	2.02	8,357	1,314	1.86	8,106	1,341	1.77	7,862	1,368	1.68	7,626	1,396	1.60	7,397	1,425	1.52	6,954	1,454	1.40
0°F (-18°C)	9,423	1,365	2.02	8,859	1,393	1.86	8,592	1,421	1.77	8,334	1,450	1.68	8,083	1,480	1.60	7,840	1,510	1.52	7,371	1,541	1.40
5°F (-15°C)	10,176	1,379	2.16	9,567	1,407	1.99	9,279	1,436	1.89	9,000	1,465	1.80	8,729	1,495	1.71	8,467	1,525	1.63	7,960	1,557	1.50
14°F (-10°C)	10,787	1,384	2.28	10,141	1,413	2.10	9,836	1,441	2.00	9,540	1,471	1.90	9,253	1,501	1.81	8,975	1,532	1.72	8,437	1,563	1.58
23°F (-5°C)	11,434	1,390	2.41	10,749	1,418	2.22	10,426	1,447	2.11	10,112	1,477	2.01	9,808	1,507	1.91	9,513	1,538	1.81	8,944	1,569	1.67
32°F (0°C)	12,120	1,330	2.67	11,394	1,357	2.46	11,051	1,385	2.34	10,719	1,413	2.22	10,397	1,442	2.11	10,084	1,471	2.01	9,480	1,501	1.85
41°F (5°C)	12,847	1,209	3.11	12,077	1,234	2.87	11,714	1,259	2.73	11,362	1,285	2.59	11,020	1,311	2.46	10,689	1,338	2.34	10,049	1,365	2.16
47°F (8°C)	11,307	659	5.03	10,630	672	4.63	10,310	686	4.40	10,000	700	4.19	9,699	714	3.98	9,408	729	3.78	8,844	744	3.49
55°F (13°C)	11,646	662	5.15	10,948	676	4.75	10,619	689	4.51	10,300	704	4.29	9,990	718	4.08	9,690	733	3.88	9,109	747	3.57
65°F (18°C)	11,995	665	5.28	11,276	679	4.87	10,937	693	4.63	10,608	707	4.40	10,289	721	4.18	9,980	736	3.97	9,382	751	3.66
75°F (24°C)	12,354	669	5.41	11,614	682	4.99	11,265	696	4.74	10,926	711	4.51	10,598	725	4.28	10,279	740	4.07	9,664	755	3.75

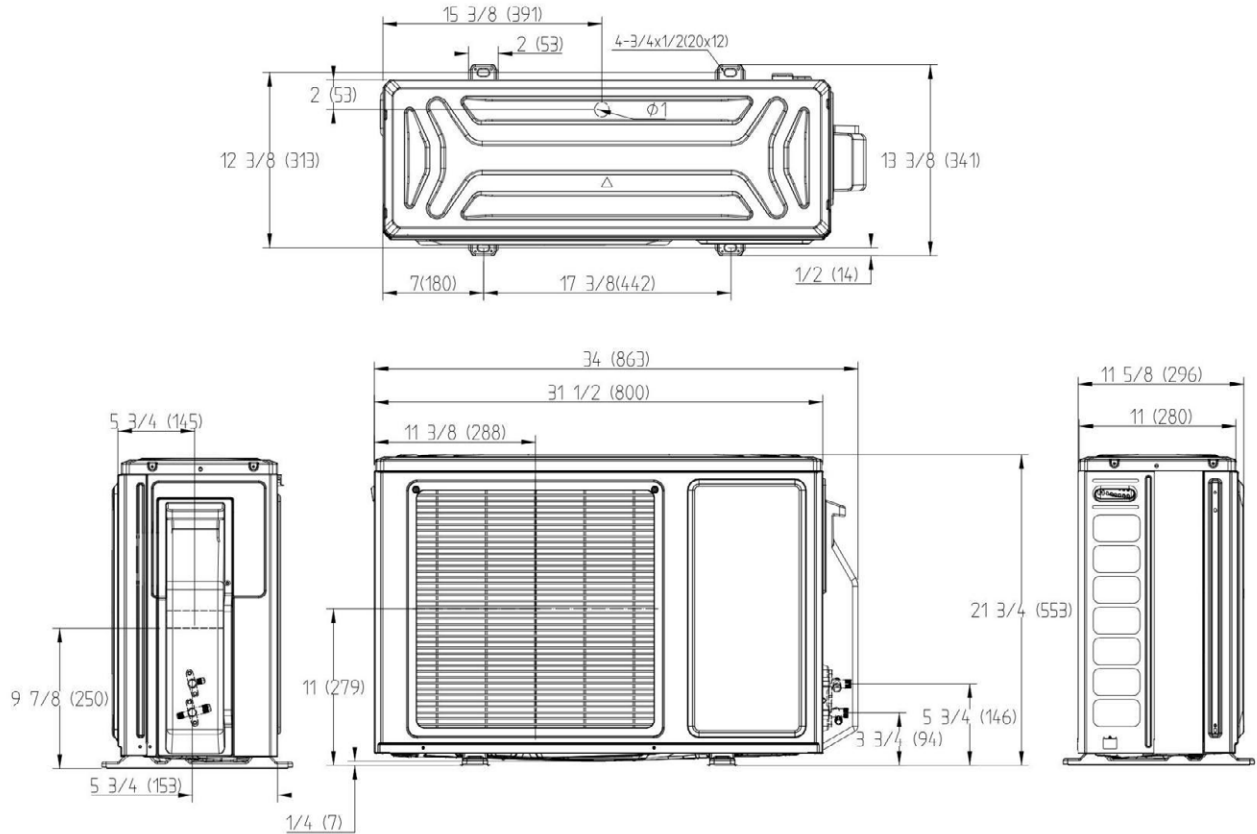
Cooling Capacity Data

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)	7,600	460	16.50	7,929	443	17.90	8,272	426	19.40	8,630	410	21.00	9,004	395	22.80	9,394	380	24.60	9,800	367	26.70
-22°F (-30°C)	7,728	469	16.40	8,063	452	17.80	8,412	435	19.30	8,776	418	20.90	9,156	403	22.70	9,552	388	24.60	9,966	374	26.60
-15°F (-26°C)	7,859	478	16.40	8,199	461	17.70	8,554	444	19.20	8,924	427	20.90	9,311	411	22.60	9,714	396	24.50	10,134	382	26.50
-4°F (-20°C)	7,992	488	16.30	8,338	470	17.70	8,698	453	19.20	9,075	436	20.80	9,468	419	22.50	9,878	404	24.40	10,306	390	26.40
5°F (-15°C)	8,127	498	16.30	8,478	480	17.60	8,846	462	19.10	9,228	445	20.70	9,628	428	22.40	10,045	413	24.30	10,480	398	26.30
14°F (-10°C)	8,264	508	16.20	8,622	490	17.60	8,995	471	19.00	9,384	454	20.60	9,791	437	22.40	10,215	421	24.20	10,657	406	26.20
23°F (-5°C)	8,404	519	16.20	8,767	500	17.50	9,147	481	19.00	9,543	463	20.60	9,956	446	22.30	10,387	430	24.10	10,837	414	26.10
32°F (0°C)	8,236	571	14.40	8,592	550	15.60	8,964	530	16.90	9,352	510	18.30	9,757	491	19.80	10,180	473	21.50	10,620	456	23.20
50°F (10°C)	8,071	623	12.90	8,420	600	14.03	8,785	578	15.20	9,165	556	16.40	9,562	535	17.80	9,976	516	19.30	10,408	497	20.90
68°F (20°C)	7,910	673	11.70	8,252	648	12.73	8,609	624	13.80	8,982	600	14.90	9,371	578	16.20	9,777	557	17.50	10,200	537	18.90
86°F (30°C)	7,751	720	10.70	8,087	693	11.66	8,437	667	12.60	8,802	642	13.70	9,184	618	14.80	9,581	596	16.00	9,996	574	17.40
95°F (35°C)	7,596	748	10.10	7,925	721	10.99	8,269	694	11.90	8,627	668	12.90	9,000	643	14.00	9,390	620	15.10	9,796	597	16.40
104°F (40°C)	7,445	778	9.50	7,767	750	10.36	8,103	722	11.20	8,454	695	12.10	8,820	669	13.10	9,202	644	14.20	9,600	621	15.40
110°F (43°C)	7,370	794	9.20	7,689	765	10.05	8,022	736	10.80	8,370	709	11.80	8,732	682	12.80	9,110	658	13.80	9,504	634	14.90
115°F (46°C)	7,296	818	8.90	7,612	788	9.65	7,942	759	10.40	8,286	730	11.30	8,645	703	12.30	9,019	678	13.30	9,409	653	14.40

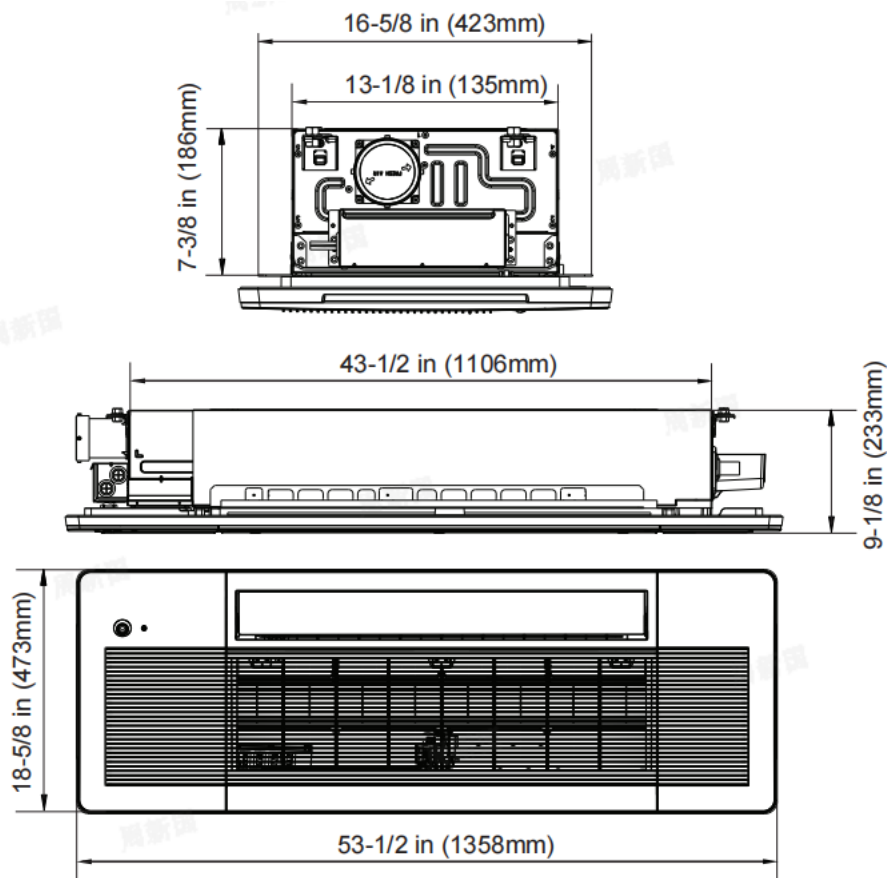
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q09FF2BEA



Note: Dimensions are shown in inches (millimeters)

US09AB2BEA



Note: Dimensions are shown in inches (millimeters)

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

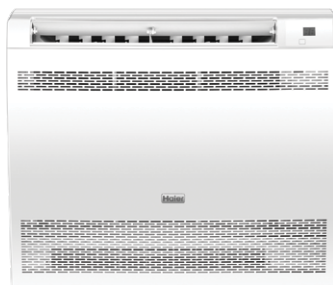
Drawing #: _____



Outdoor Model:
1Q09FF2BEA



Indoor Model:
US09FB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB15WA
Side Wind Baffle	UASWB15WA
Back Wind Baffle	UAWB15WA
Top Cover	UATC15WA
Central Controller	UACT32A

Indoor Accessories

Wired Controller	QACT17B
Remote Controller	WJ26X35813

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	9,000
	Capacity Range Btu/hr	3,100-11,000
	SEER2 / EER2	20 / 12
	Rated Power Input W	750
Heating	Moisture Removal Pt./hr	2.16
	Rated Heating Capacity 47°F Btu/hr	10,000
	Heating Capacity Range Btu/hr	3,100-11,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV)	9.5
	Rated Power Input W	815
	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	15
Indoor Unit	Minimum Circuit Amp A	9
	Outdoor Noise Level dB	55
	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)
	Carton Dimension: H x W x D in (mm)	24 3/8 x 36 5/8 x 16 (618 x 929 x 407)
Indoor Unit	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)	290/218/205/176/147
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	700/560/480/410/360
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	44/40/36/32/28
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	312/206/205/176/147
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	700/560/480/410/360
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	44/38/33/28/26
	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)	26 3/8 x 30 1/4 x 11 3/8 (670 x 770 x 290)
	Weight (Net/Ship) - lbs (kg)	32.6/43.2 (14.8/19.6)
Refrigerant Lines	Drain Pipe Size O.D in	5/8
	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes
	Refrigerant	R454B
Refrigerant Lines	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	3/8
	Factory Charge Oz	36.5
Refrigerant Lines	Maximum Line Length Ft / m	66/20
	Maximum Height Ft / m	33/10

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

1Q09FF2BEA / US09FB2BEA

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)	5,019	797	1.84	4,718	814	1.70	4,577	830	1.62	4,439	847	1.54	4,305	864	1.46	4,176	882	1.39	3,926	900	1.28
-5°F (-21°C)	6,621	1,010	1.92	6,224	1,030	1.77	6,037	1,051	1.68	5,855	1,073	1.60	5,679	1,095	1.52	5,509	1,117	1.45	5,179	1,140	1.33
0°F (-18°C)	7,795	1,123	2.03	7,328	1,146	1.87	7,108	1,170	1.78	6,894	1,193	1.69	6,687	1,218	1.61	6,486	1,243	1.53	6,098	1,268	1.41
5°F (-15°C)	9,611	1,303	2.16	9,035	1,329	1.99	8,764	1,356	1.89	8,500	1,384	1.80	8,244	1,412	1.71	7,997	1,441	1.63	7,518	1,470	1.50
14°F (-10°C)	8,756	960	2.67	8,232	980	2.46	7,984	1,000	2.34	7,744	1,020	2.22	7,511	1,041	2.11	7,285	1,062	2.01	6,849	1,084	1.85
23°F (-5°C)	9,717	928	3.07	9,135	947	2.83	8,861	966	2.69	8,594	986	2.55	8,336	1,006	2.43	8,085	1,027	2.31	7,601	1,048	2.13
32°F (0°C)	10,037	895	3.29	9,436	913	3.03	9,153	932	2.88	8,877	951	2.74	8,610	971	2.60	8,351	990	2.47	7,851	1,011	2.28
41°F (5°C)	10,999	887	3.63	10,340	905	3.35	10,029	924	3.18	9,727	942	3.03	9,435	962	2.88	9,151	981	2.73	8,603	1,001	2.52
47°F (8°C)	11,307	767	4.32	10,630	783	3.98	10,310	799	3.78	10,000	815	3.60	9,699	832	3.42	9,408	849	3.25	8,844	866	2.99
55°F (13°C)	10,854	652	4.88	10,204	666	4.49	9,897	679	4.27	9,600	693	4.06	9,311	707	3.86	9,031	722	3.67	8,490	736	3.38
65°F (18°C)	11,193	552	5.94	10,523	563	5.47	10,207	575	5.20	9,900	587	4.95	9,602	599	4.70	9,313	611	4.47	8,756	623	4.12
75°F (24°C)	11,645	599	5.70	10,948	611	5.25	10,619	623	4.99	10,299	636	4.75	9,990	649	4.51	9,689	662	4.29	9,109	676	3.95

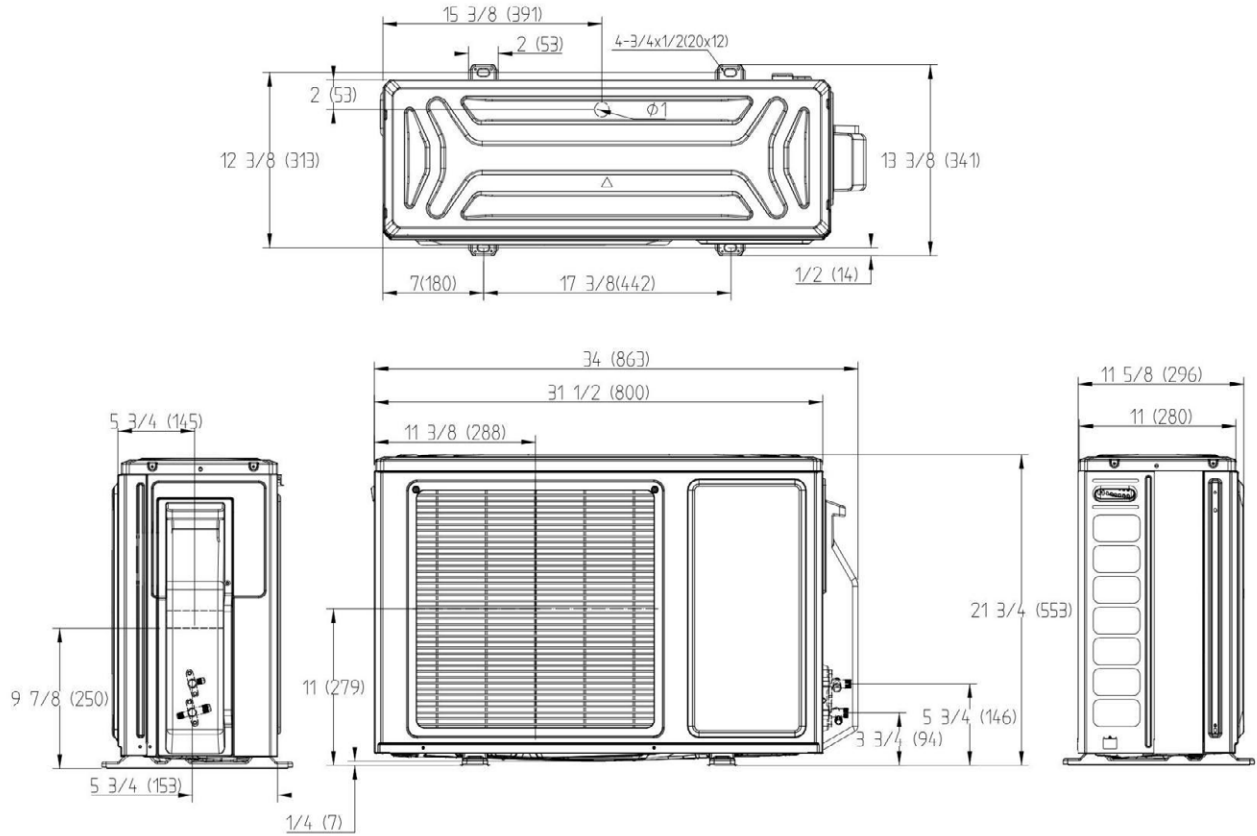
Cooling Capacity Data

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)	4,946	217	22.84	5,160	209	24.73	5,384	201	26.82	5,617	193	29.06	5,860	186	31.50	6,114	179	34.10	6,379	173	36.90
-22°F (-30°C)	5,030	221	22.76	5,248	213	24.65	5,475	205	26.72	5,712	197	28.96	5,959	190	31.39	6,217	183	33.98	6,486	176	36.77
-15°F (-26°C)	5,115	225	22.69	5,336	217	24.56	5,567	209	26.63	5,808	201	28.86	6,060	194	31.28	6,322	187	33.86	6,596	180	36.65
-4°F (-20°C)	5,201	230	22.61	5,426	222	24.48	5,661	213	26.54	5,907	205	28.77	6,162	198	31.17	6,429	191	33.75	6,707	184	36.52
5°F (-15°C)	5,289	235	22.53	5,518	226	24.39	5,757	218	26.45	6,006	210	28.67	6,266	202	31.07	6,538	194	33.63	6,821	187	36.40
14°F (-10°C)	5,379	240	22.45	5,611	231	24.31	5,854	222	26.36	6,108	214	28.57	6,372	206	30.96	6,648	198	33.52	6,936	191	36.27
23°F (-5°C)	5,469	244	22.38	5,706	236	24.23	5,953	227	26.27	6,211	218	28.47	6,480	210	30.85	6,761	202	33.40	7,053	195	36.15
32°F (0°C)	6,001	291	20.62	6,261	280	22.33	6,532	270	24.21	6,815	260	26.24	7,110	250	28.44	7,418	241	30.78	7,739	232	33.32
50°F (10°C)	6,913	326	21.21	7,212	314	22.97	7,525	302	24.90	7,850	291	26.99	8,190	280	29.25	8,545	270	31.66	8,915	260	34.27
68°F (20°C)	7,673	500	15.33	8,005	482	16.60	8,351	464	18.00	8,713	447	19.51	9,090	430	21.14	9,484	414	22.89	9,894	400	24.77
86°F (30°C)	7,293	663	10.99	7,608	639	11.90	7,938	615	12.90	8,281	592	13.99	8,640	570	15.16	9,014	549	16.41	9,404	530	17.76
95°F (35°C)	7,596	873	8.70	7,925	841	9.42	8,269	809	10.22	8,627	779	11.07	9,000	750	12.00	9,390	723	12.99	9,796	697	14.06
104°F (40°C)	6,457	815	7.93	6,736	785	8.58	7,028	755	9.30	7,332	727	10.08	7,650	700	10.93	7,981	675	11.83	8,327	650	12.80
110°F (43°C)	6,153	873	7.05	6,419	841	7.63	6,697	809	8.27	6,987	779	8.97	7,290	750	9.72	7,605	723	10.52	7,935	697	11.39
115°F (46°C)	5,925	931	6.36	6,181	897	6.89	6,449	863	7.47	6,728	831	8.10	7,019	800	8.77	7,323	771	9.50	7,640	743	10.28

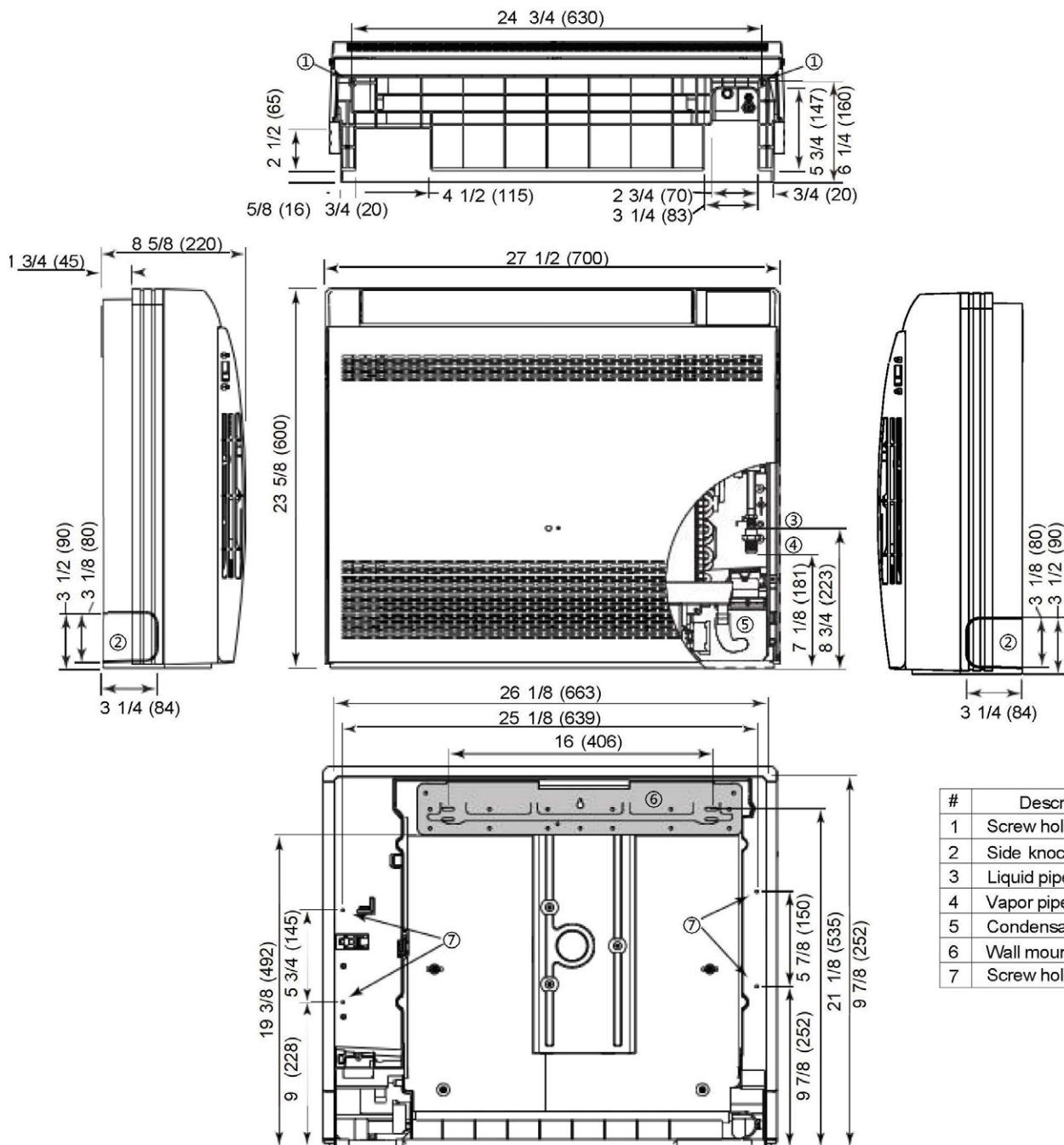
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q09FF2BEA



Note: Dimensions are shown in inches (millimeters)

US09FB2BEA



Note: Dimensions are shown in inches (millimeters)

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

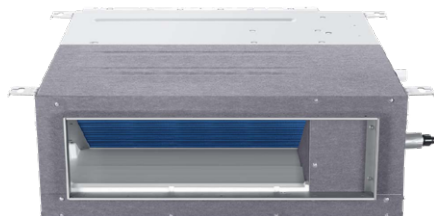
Drawing #: _____



Outdoor Model:
1Q09FF2BEA



Indoor Model:
US09MB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB15WA
Side Wind Baffle	UASWB15WA
Back Wind Baffle	UAWB15WA
Top Cover	UATC15WA
Central Controller	UACT32A

Indoor Accessories

Wired Controller	QACT17B
Supply Plenum	UAPT0912A
MERV Return Air Filter Box	UAMFB0912A

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	9,000
	Capacity Range Btu/hr	3,100-11,000
	SEER2 / EER2	17.8 / 11.7
	Rated Power Input W	769
Heating	Moisture Removal Pt./hr	2.5
	Rated Heating Capacity 47°F Btu/hr	10,000
	Heating Capacity Range Btu/hr	3,100-11,000
	COP 5°F	1.8
	HSPF2 (IV)	9.4
Outdoor Unit	Rated Power Input W	838
	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	15
	Minimum Circuit Amp A	9
	Outdoor Noise Level dB	55
	Dimension: H x W x D in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)
	Carton Dimension: H x W x D in (mm)	24 3/8 x 36 5/8 x 16 (618 x 929 x 407)
Indoor Unit	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)	353/286/200/150/141
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	880/800/720/640/560
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	44/43/38/35/34
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	358/292/208/155/145
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	880/800/720/640/560
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	44/43/38/36/35
	Dimension: H x W x D in (mm)	9 3/4 x 31 3/4 x 27 1/2 (248 x 805 x 700)
	Carton Dimension: H x W x D in (mm)	12 5/8 x 37 1/2 x 33 1/2 (320 x 950 x 850)
	Weight (Net/Ship) - lbs (kg)	62.17/86.86 (28.2/39.4)
	Max. External Static Pressure in.WG (Pa)	0.6 (150)
	Drain Pipe Size O.D in	1*
Refrigerant Lines	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	1/4
	Suction O.D. in	3/8
Refrigerant Lines	Factory Charge Oz	36.5
	Maximum Line Length Ft / m	66/20
	Maximum Height Ft / m	33/10

For more information visit us:

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Our continued commitment to quality products may mean a change in specifications without notice.

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

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

1Q09FF2BEA / US09MB2BEA

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)	5,201	854	1.79	4,890	871	1.64	4,743	889	1.56	4,600	907	1.49	4,462	926	1.41	4,327	945	1.34	4,068	964	1.24
-5°F (-21°C)	6,558	1,049	1.83	6,165	1,070	1.69	5,980	1,092	1.61	5,800	1,114	1.53	5,626	1,137	1.45	5,456	1,160	1.38	5,130	1,184	1.27
0°F (-18°C)	7,349	1,087	1.98	6,909	1,110	1.83	6,702	1,132	1.73	6,500	1,155	1.65	6,305	1,179	1.57	6,115	1,203	1.49	5,749	1,228	1.37
5°F (-15°C)	9,045	1,223	2.17	8,504	1,248	2.00	8,248	1,273	1.90	8,000	1,299	1.80	7,759	1,326	1.72	7,526	1,353	1.63	7,075	1,380	1.50
14°F (-10°C)	9,045	1,145	2.32	8,504	1,168	2.13	8,248	1,192	2.03	8,000	1,217	1.93	7,759	1,241	1.83	7,526	1,267	1.74	7,075	1,293	1.60
23°F (-5°C)	10,176	1,106	2.70	9,567	1,129	2.48	9,279	1,152	2.36	9,000	1,175	2.24	8,729	1,199	2.13	8,467	1,224	2.03	7,960	1,249	1.87
32°F (0°C)	10,516	1,068	2.89	9,886	1,089	2.66	9,589	1,112	2.53	9,300	1,134	2.40	9,021	1,157	2.28	8,749	1,181	2.17	8,225	1,205	2.00
41°F (5°C)	11,994	942	3.73	11,276	962	3.44	10,937	981	3.27	10,608	1,001	3.11	10,289	1,022	2.95	9,980	1,042	2.81	9,382	1,064	2.59
47°F (8°C)	11,307	789	4.20	10,630	805	3.87	10,310	821	3.68	10,000	838	3.50	9,699	855	3.32	9,408	873	3.16	8,844	890	2.91
55°F (13°C)	11,081	755	4.30	10,417	771	3.96	10,104	786	3.77	9,800	802	3.58	9,505	819	3.40	9,220	836	3.23	8,667	853	2.98
65°F (18°C)	11,420	701	4.77	10,736	715	4.40	10,413	730	4.18	10,100	745	3.97	9,796	760	3.78	9,502	776	3.59	8,933	791	3.31
75°F (24°C)	12,211	760	4.71	11,480	775	4.34	11,135	791	4.12	10,800	807	3.92	10,475	824	3.73	10,160	841	3.54	9,552	858	3.26

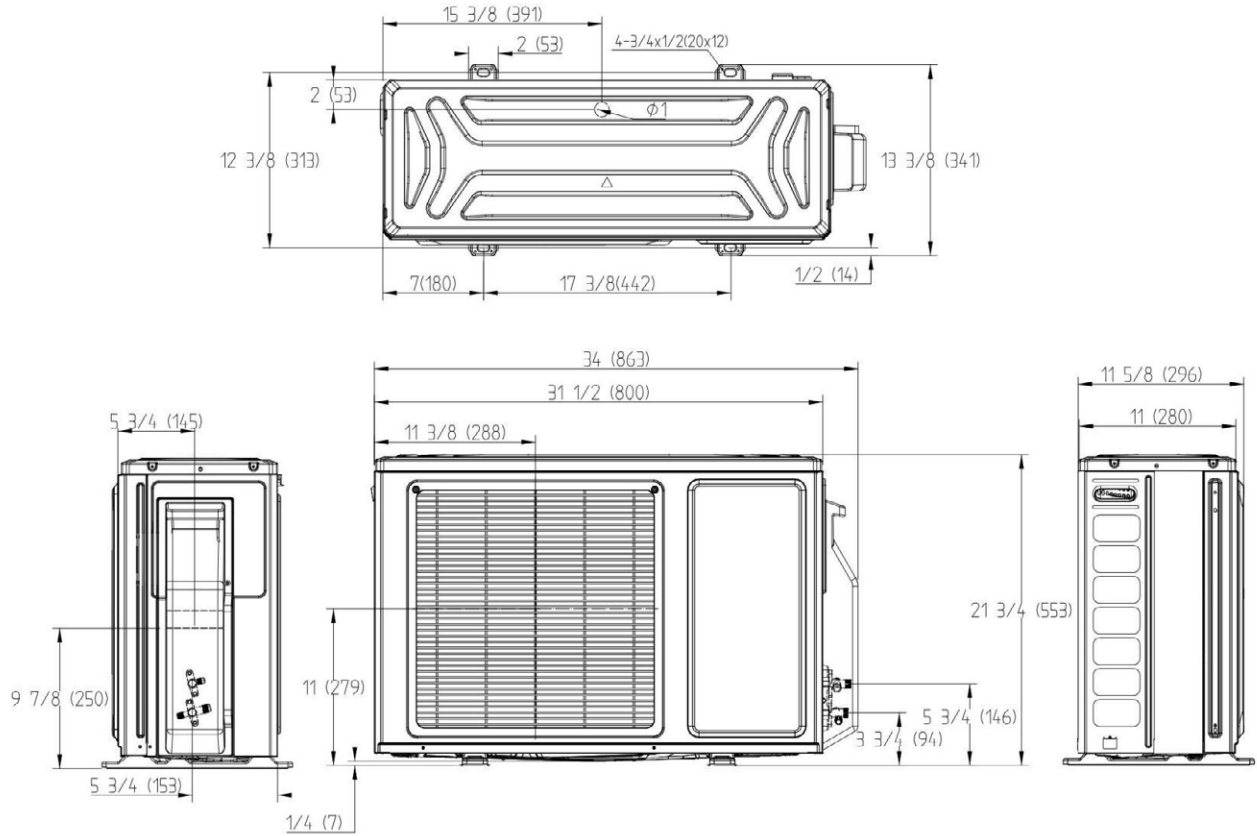
Cooling Capacity Data

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)	5,633	317	17.76	5,877	306	19.23	6,131	294	20.85	6,397	283	22.60	6,674	272	24.49	6,963	263	26.52	7,264	253	28.70
-22°F (-30°C)	5,728	324	17.70	5,976	312	19.17	6,235	300	20.78	6,505	289	22.52	6,787	278	24.41	7,080	268	26.43	7,387	258	28.60
-15°F (-26°C)	5,825	330	17.64	6,077	318	19.10	6,340	306	20.71	6,615	295	22.45	6,901	284	24.33	7,200	273	26.34	7,512	264	28.50
-4°F (-20°C)	5,923	337	17.58	6,180	325	19.04	6,447	312	20.64	6,727	301	22.37	7,018	289	24.24	7,322	279	26.24	7,639	269	28.40
5°F (-15°C)	6,024	344	17.52	6,284	331	18.97	6,556	319	20.57	6,840	307	22.29	7,136	295	24.16	7,445	285	26.15	7,768	274	28.30
14°F (-10°C)	6,125	351	17.46	6,391	338	18.91	6,667	325	20.50	6,956	313	22.22	7,257	301	24.08	7,571	290	26.06	7,899	280	28.21
23°F (-5°C)	6,229	358	17.40	6,499	345	18.84	6,780	332	20.43	7,073	319	22.14	7,380	308	23.99	7,699	296	25.98	8,033	286	28.11
32°F (0°C)	6,989	394	17.75	7,291	379	19.22	7,607	365	20.83	7,936	351	22.58	8,280	338	24.47	8,638	326	26.49	9,012	314	28.67
50°F (10°C)	7,444	441	16.86	7,766	425	18.26	8,103	409	19.79	8,453	394	21.45	8,820	379	23.25	9,201	366	25.17	9,600	352	27.24
68°F (20°C)	8,052	620	12.98	8,401	598	14.05	8,764	575	15.23	9,144	554	16.51	9,540	533	17.89	9,953	514	19.37	10,384	495	20.96
86°F (30°C)	7,824	799	9.79	8,163	770	10.60	8,517	741	11.49	8,885	714	12.45	9,270	687	13.49	9,671	662	14.61	10,090	638	15.81
95°F (35°C)	7,596	895	8.49	7,925	862	9.19	8,269	830	9.96	8,627	799	10.80	9,000	769	11.70	9,390	741	12.67	9,796	714	13.71
104°F (40°C)	6,533	871	7.50	6,816	839	8.12	7,111	808	8.80	7,419	777	9.54	7,740	748	10.34	8,075	721	11.19	8,425	695	12.11
110°F (43°C)	6,229	931	6.69	6,499	897	7.25	6,780	863	7.86	7,074	831	8.51	7,380	800	9.23	7,699	771	9.99	8,033	743	10.81
115°F (46°C)	5,925	990	5.98	6,182	954	6.48	6,449	918	7.02	6,728	884	7.61	7,020	851	8.25	7,324	820	8.93	7,641	791	9.66

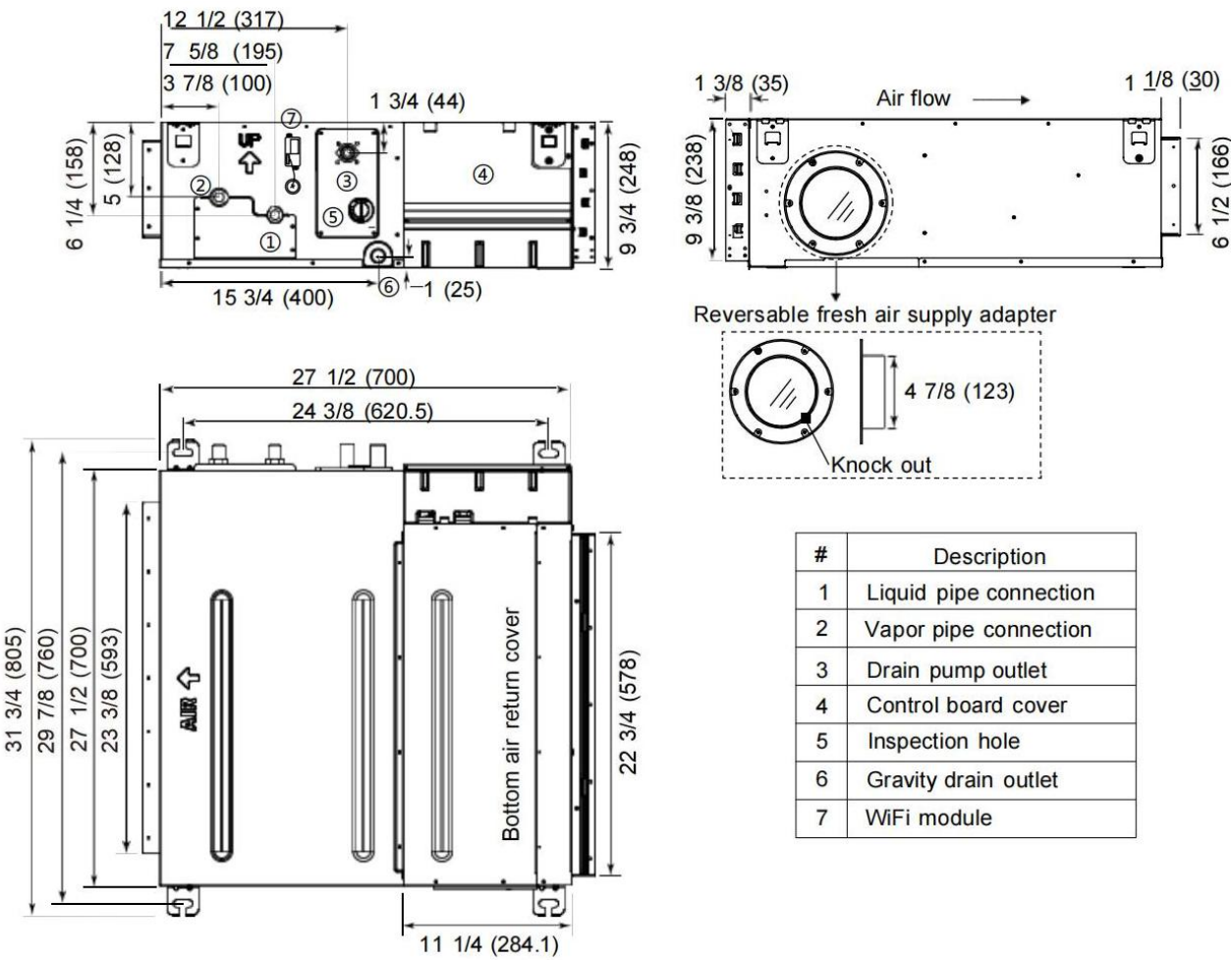
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q09FF2BEA



Note: Dimensions are shown in inches (millimeters)

US09MB2BEA



Note: Dimensions are shown in inches (millimeters)

SUBMITTAL REVISION HISTORY

- 05-14-25: Submittal release.
10-23-25: Max. fuse size correction (15A). "Maximum Fuse Size" changed to "Recommended Breaker Size".
02-12-26: Addition of US09AB2BEA One-Way Cassette System.