

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

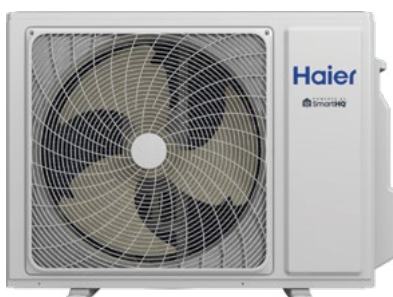
Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q15FF2BEA



Indoor Model:
QS15WB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB15WA
Side Wind Baffle	UASWB15WA
Back Wind Baffle	UAWB15WA
Top Cover	UATC20WA
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	13,500
	Capacity Range Btu/hr	4,000-16,000
	SEER2 / EER2	21 / 11.7
	Rated Power Input W	1,154
Heating	Moisture Removal Pt./hr	3.2
	Rated Heating Capacity 47°F Btu/hr	17,000
	Heating Capacity Range Btu/hr	3,500-18,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV)	9.5
	Rated Power Input W	1,779
	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	20
Indoor Unit	Minimum Circuit Amp A	14
	Outdoor Noise Level dB	58
	Dimension: H x W x D in (mm)	25 1/4 x 35 3/8 x 12 (642 x 898 x 306)
	Carton Dimension: H x W x D in (mm)	27 1/4 x 37 1/4 x 15 3/8 (691 x 945 x 392)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	88.15/100.4 (39.95/45.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	410/370/280/210/170
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1400/1350/1100/850/610
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	46/45/40/33/26
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	420/390/350/310/180
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1400/1350/1200/1050/610
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	44/43/40/37/23
	Dimension: H x W x D in (mm)	12 1/4 x 36 1/8 x 8 3/8 (312 x 918 x 213)
	Carton Dimension: H x W x D in (mm)	11 7/8 x 38 5/8 x 15 5/8 (302 x 982 x 396)
	Weight (Net/Ship) - lbs (kg)	24.49/30.45 (11.1/13.8)
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	50.09
	Maximum Line Length Ft / m	66/20
	Maximum Height Ft / m	33/10

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

1Q15FF2BEA / QS15WB2BEA

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)	11,887	1,770	1.97	11,175	1,806	1.81	10,839	1,843	1.72	10,513	1,880	1.64	10,197	1,919	1.56	9,891	1,958	1.48	9,298	1,998	1.36
-5°F (-21°C)	13,433	1,946	2.02	12,629	1,986	1.86	12,249	2,026	1.77	11,881	2,068	1.68	11,524	2,110	1.60	11,177	2,153	1.52	10,508	2,197	1.40
0°F (-18°C)	14,239	2,063	2.02	13,387	2,105	1.86	12,984	2,148	1.77	12,594	2,192	1.68	12,215	2,237	1.60	11,848	2,282	1.52	11,138	2,329	1.40
5°F (-15°C)	15,377	2,084	2.16	14,456	2,126	1.99	14,022	2,170	1.89	13,600	2,214	1.80	13,191	2,259	1.71	12,794	2,305	1.63	12,028	2,352	1.50
14°F (-10°C)	16,300	2,092	2.28	15,324	2,135	2.10	14,863	2,178	2.00	14,416	2,223	1.90	13,982	2,268	1.81	13,562	2,315	1.72	12,750	2,362	1.58
23°F (-5°C)	17,278	2,101	2.41	16,243	2,143	2.22	15,755	2,187	2.11	15,281	2,232	2.01	14,821	2,277	1.91	14,376	2,324	1.81	13,515	2,371	1.67
32°F (0°C)	18,314	2,010	2.67	17,217	2,051	2.46	16,700	2,093	2.34	16,198	2,136	2.22	15,711	2,179	2.11	15,238	2,224	2.01	14,326	2,269	1.85
41°F (5°C)	19,413	1,827	3.11	18,250	1,865	2.87	17,702	1,903	2.73	17,169	1,942	2.59	16,653	1,981	2.46	16,152	2,022	2.34	15,185	2,063	2.16
47°F (8°C)	19,221	1,674	3.36	18,070	1,709	3.10	17,527	1,743	2.95	17,000	1,779	2.80	16,489	1,815	2.66	15,993	1,852	2.53	15,035	1,890	2.33
55°F (13°C)	19,798	1,683	3.45	18,612	1,717	3.18	18,052	1,752	3.02	17,510	1,788	2.87	16,983	1,824	2.73	16,472	1,862	2.59	15,486	1,900	2.39
65°F (18°C)	20,391	1,691	3.53	19,170	1,726	3.26	18,593	1,761	3.09	18,034	1,797	2.94	17,492	1,834	2.80	16,966	1,871	2.66	15,950	1,909	2.45
75°F (24°C)	21,002	1,700	3.62	19,744	1,734	3.34	19,151	1,770	3.17	18,575	1,806	3.01	18,016	1,843	2.87	17,475	1,880	2.72	16,428	1,919	2.51

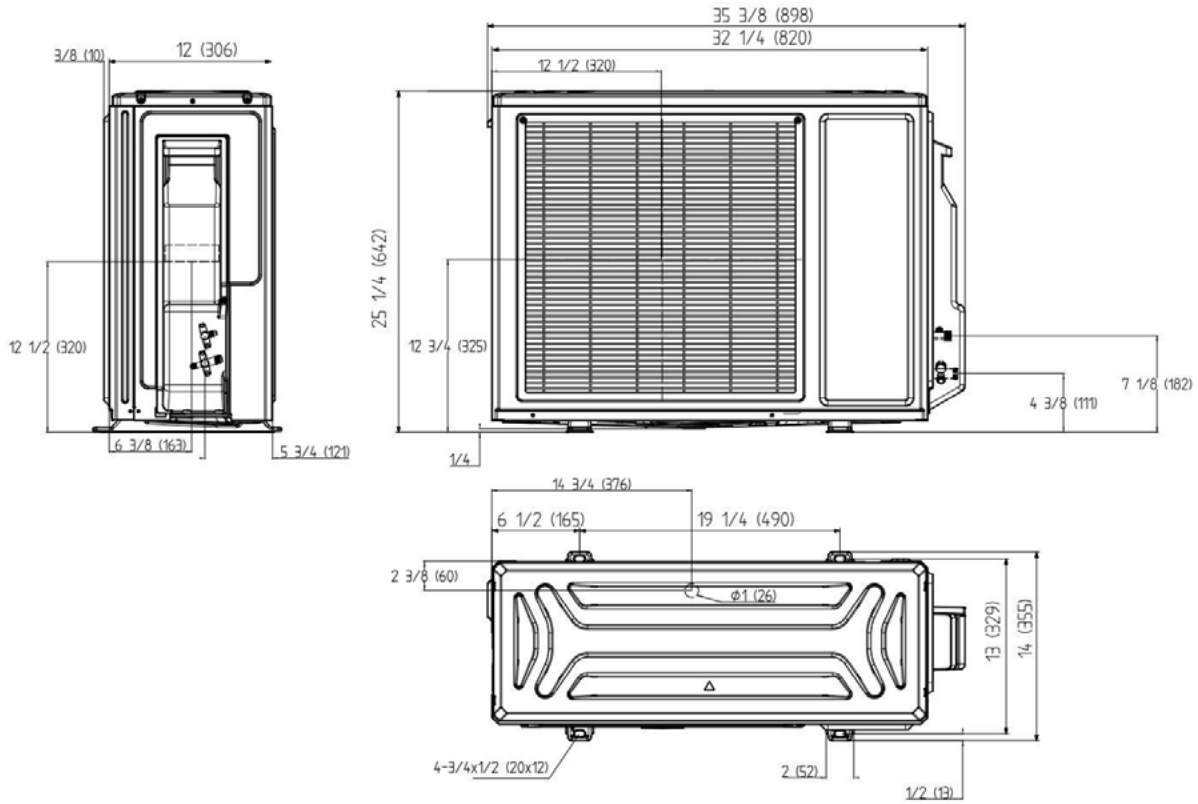
Cooling Capacity Data

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)	11,399	825	13.82	11,893	795	14.97	12,408	765	16.23	12,945	736	17.59	13,506	709	19.06	14,090	683	20.63	14,701	658	22.33
-22°F (-30°C)	11,592	842	13.78	12,094	811	14.92	12,618	780	16.17	13,164	751	17.53	13,734	723	18.99	14,329	697	20.56	14,949	672	22.25
-15°F (-26°C)	11,788	859	13.73	12,298	827	14.86	12,831	796	16.12	13,386	766	17.47	13,966	738	18.93	14,571	711	20.49	15,202	685	22.18
-4°F (-20°C)	11,987	876	13.68	12,506	844	14.81	13,048	812	16.06	13,613	782	17.41	14,202	753	18.86	14,817	726	20.42	15,458	699	22.10
5°F (-15°C)	12,190	894	13.63	12,718	862	14.76	13,268	829	16.00	13,843	798	17.35	14,442	768	18.80	15,067	740	20.35	15,720	714	22.02
14°F (-10°C)	12,396	912	13.59	12,933	879	14.71	13,492	846	15.95	14,077	814	17.29	14,686	784	18.73	15,322	755	20.28	15,985	728	21.95
23°F (-5°C)	12,605	931	13.54	13,151	897	14.66	13,721	863	15.89	14,315	831	17.23	14,934	800	18.67	15,581	771	20.21	16,256	743	21.87
32°F (0°C)	12,353	1,025	12.05	12,888	988	13.05	13,446	951	14.14	14,028	915	15.33	14,636	881	16.61	15,269	849	17.99	15,931	818	19.46
50°F (10°C)	12,106	1,118	10.83	12,631	1,077	11.72	13,177	1,037	12.71	13,748	998	13.78	14,343	961	14.93	14,964	926	16.16	15,612	893	17.49
68°F (20°C)	11,864	1,207	9.83	12,378	1,163	10.64	12,914	1,120	11.53	13,473	1,078	12.50	14,056	1,037	13.55	14,665	1,000	14.67	15,300	964	15.87
86°F (30°C)	11,627	1,291	9.00	12,131	1,244	9.75	12,656	1,197	10.57	13,204	1,153	11.46	13,775	1,110	12.42	14,372	1,069	13.44	14,994	1,031	14.55
95°F (35°C)	11,395	1,343	8.48	11,888	1,294	9.19	12,403	1,245	9.96	12,940	1,199	10.79	13,500	1,154	11.70	14,085	1,112	12.66	14,694	1,072	13.71
104°F (40°C)	11,167	1,397	7.99	11,650	1,346	8.66	12,155	1,295	9.38	12,681	1,247	10.17	13,230	1,200	11.02	13,803	1,157	11.93	14,401	1,115	12.91
110°F (43°C)	11,055	1,425	7.76	11,534	1,373	8.40	12,033	1,322	9.10	12,554	1,272	9.87	13,098	1,225	10.69	13,665	1,180	11.58	14,257	1,138	12.53
115°F (46°C)	10,945	1,469	7.45	11,419	1,415	8.07	11,913	1,362	8.75	12,429	1,311	9.48	12,967	1,262	10.28	13,528	1,216	11.13	14,114	1,172	12.04

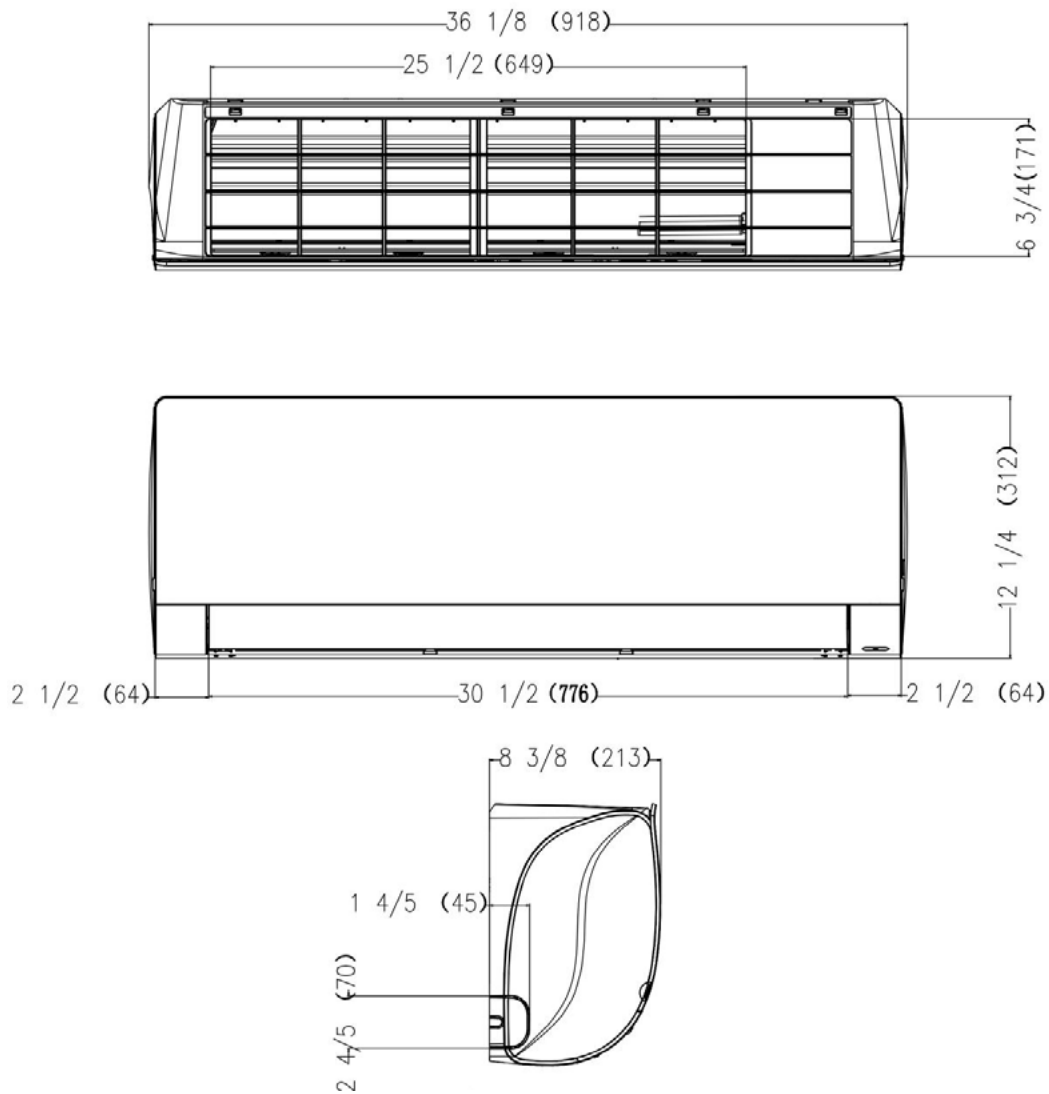
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q15FF2BEA



Note: Dimensions are shown in inches (millimeters)

QS15WB2BEA



Note: Dimensions are shown in inches (millimeters)

SUBMITTAL REVISION HISTORY

05-14-25: Submittal release.