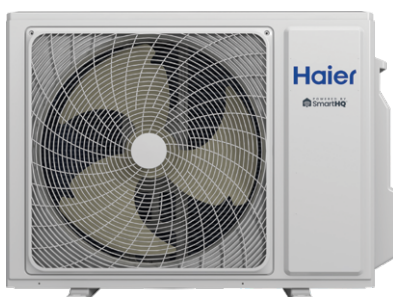


Job Name: _____
Purchaser: _____
Submitted To: _____
Construction: _____
Reference: _____

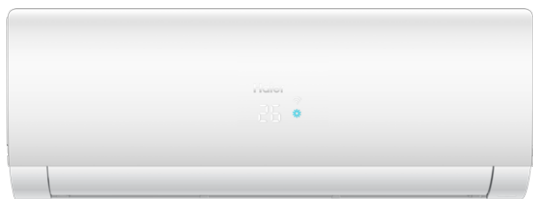
Approval: _____
Date: _____
Submitted By: _____
Unit: _____
Drawing #: _____



Outdoor Model:
1Q18FF2BEA



Indoor Model:
QS18WB2BEA



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	17,000
	Capacity Range Btu/hr	4,500-19,000
	SEER2 / EER2	20 / 12
	Rated Power Input W	1,417
Heating	Moisture Removal Pt./hr	3.6
	Rated Heating Capacity 47°F Btu/hr	19,000
	Heating Capacity Range Btu/hr	4,000-20,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV)	9.5
	Rated Power Input W	1,547
	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	20
Indoor Unit	Minimum Circuit Amp A	15
	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)	90.47/103.26 (41/46.8)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	570/520/480/420/330
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1250/1150/1050/950/800
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	50/46/44/40/35
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	570/520/450/380/310
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1250/1150/1025/900/750
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	48/46/41/38/33
	Dimension: H x W x D in (mm)	12 7/8 x 39 3/8 x 8 3/4 (327 x 999 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)	27.8/34.64 (12.6/15.7)
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	45.9
	Maximum Line Length Ft / m	83/25
Refrigerant Lines	Maximum Height Ft / m	50/15

1Q18FF2BEA / QS18WB2BEA

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)	13,286	1,978	1.97	12,490	2,019	1.81	12,114	2,060	1.72	11,750	2,102	1.64	11,397	2,145	1.56	11,054	2,189	1.48	10,392	2,233	1.36
-5°F (-21°C)	15,014	2,175	2.02	14,115	2,220	1.86	13,690	2,265	1.77	13,279	2,311	1.68	12,879	2,358	1.60	12,492	2,407	1.52	11,744	2,456	1.40
0°F (-18°C)	15,914	2,306	2.02	14,961	2,353	1.86	14,512	2,401	1.77	14,075	2,450	1.68	13,652	2,500	1.60	13,242	2,551	1.52	12,449	2,603	1.40
5°F (-15°C)	17,186	2,329	2.16	16,157	2,377	1.99	15,671	2,426	1.89	15,200	2,475	1.80	14,743	2,526	1.71	14,300	2,577	1.63	13,443	2,630	1.50
14°F (-10°C)	18,217	2,339	2.28	17,126	2,387	2.10	16,611	2,435	2.00	16,112	2,485	1.90	15,627	2,536	1.81	15,158	2,587	1.72	14,250	2,640	1.58
23°F (-5°C)	19,310	2,348	2.41	18,154	2,396	2.22	17,608	2,445	2.11	17,079	2,495	2.01	16,565	2,546	1.91	16,067	2,598	1.81	15,105	2,651	1.67
32°F (0°C)	20,469	2,247	2.67	19,243	2,293	2.46	18,664	2,340	2.34	18,103	2,387	2.22	17,559	2,436	2.11	17,031	2,486	2.01	16,011	2,537	1.85
41°F (5°C)	21,697	2,043	3.11	20,398	2,084	2.87	19,784	2,127	2.73	19,189	2,170	2.59	18,612	2,215	2.46	18,053	2,260	2.34	16,972	2,306	2.16
47°F (8°C)	21,483	1,456	4.32	20,196	1,486	3.98	19,589	1,516	3.79	19,000	1,547	3.60	18,429	1,579	3.42	17,875	1,611	3.25	16,804	1,644	3.00
55°F (13°C)	22,127	1,463	4.43	20,802	1,493	4.08	20,176	1,524	3.88	19,569	1,555	3.69	18,981	1,587	3.51	18,410	1,619	3.33	17,308	1,652	3.07
65°F (18°C)	22,790	1,471	4.54	21,425	1,501	4.18	20,781	1,531	3.98	20,156	1,563	3.78	19,550	1,594	3.59	18,962	1,627	3.42	17,827	1,660	3.15
75°F (24°C)	23,473	1,478	4.65	22,067	1,508	4.29	21,404	1,539	4.08	20,760	1,570	3.87	20,136	1,602	3.68	19,530	1,635	3.50	18,361	1,669	3.23

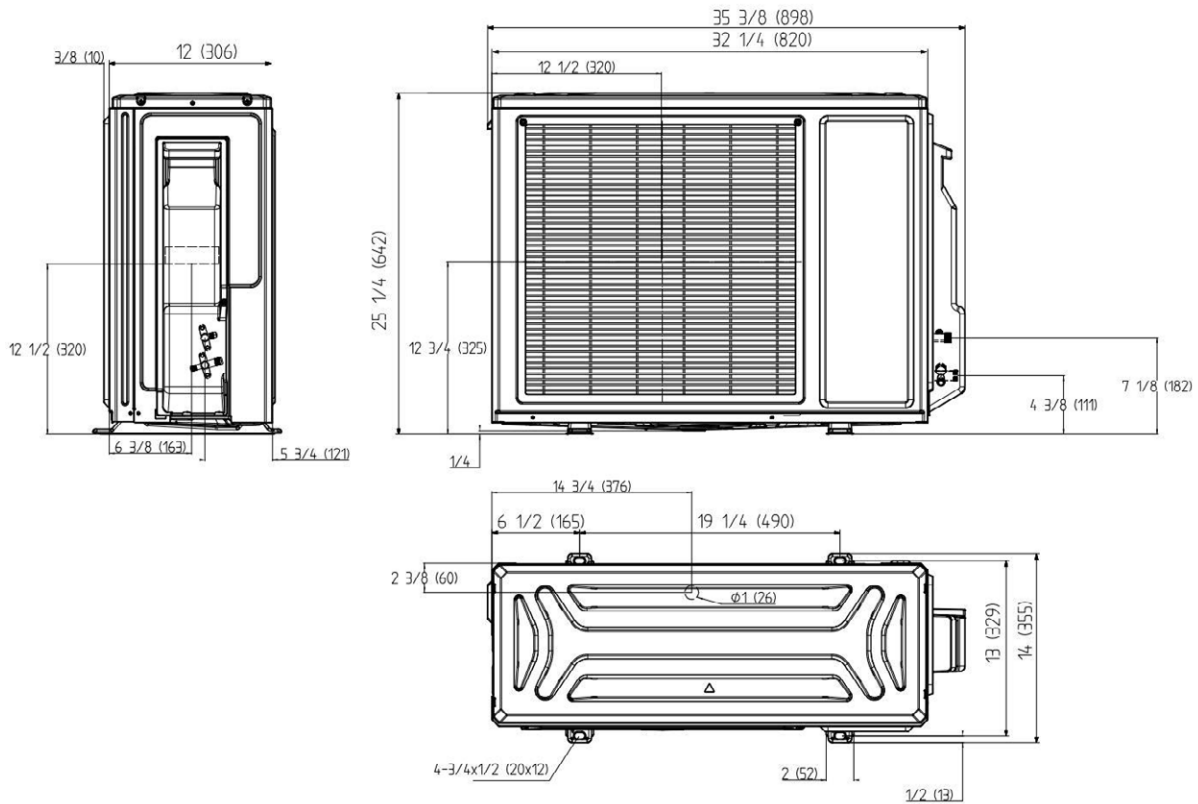
Cooling Capacity Data

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)	14,355	1,013	14.18	14,976	976	15.35	15,625	939	16.64	16,301	904	18.04	17,007	870	19.55	17,744	838	21.16	18,512	808	22.90
-22°F (-30°C)	14,597	1,033	14.13	15,230	996	15.30	15,889	958	16.58	16,577	922	17.97	17,295	888	19.48	18,043	856	21.09	18,825	825	22.82
-15°F (-26°C)	14,844	1,054	14.08	15,487	1,016	15.24	16,157	978	16.53	16,857	941	17.91	17,587	906	19.41	18,348	873	21.02	19,143	842	22.74
-4°F (-20°C)	15,095	1,076	14.03	15,749	1,037	15.19	16,430	998	16.47	17,142	960	17.85	17,884	924	19.35	18,658	891	20.94	19,466	859	22.67
5°F (-15°C)	15,350	1,098	13.98	16,015	1,058	15.14	16,708	1,018	16.41	17,432	980	17.79	18,186	943	19.28	18,974	909	20.87	19,795	876	22.59
14°F (-10°C)	15,610	1,120	13.93	16,285	1,079	15.09	16,991	1,039	16.36	17,726	1,000	17.73	18,494	963	19.21	19,294	928	20.80	20,130	894	22.51
23°F (-5°C)	15,873	1,143	13.89	16,561	1,101	15.03	17,278	1,060	16.30	18,026	1,020	17.67	18,806	982	19.15	19,620	947	20.73	20,470	913	22.43
32°F (0°C)	15,556	1,259	12.36	16,230	1,213	13.38	16,932	1,167	14.51	17,665	1,124	15.72	18,430	1,082	17.04	19,228	1,042	18.44	20,061	1,005	19.96
50°F (10°C)	15,245	1,373	11.10	15,905	1,323	12.02	16,594	1,273	13.04	17,312	1,225	14.13	18,062	1,180	15.31	18,844	1,137	16.58	19,660	1,096	17.94
68°F (20°C)	14,940	1,483	10.08	15,587	1,429	10.91	16,262	1,375	11.83	16,966	1,323	12.82	17,701	1,274	13.90	18,467	1,228	15.04	19,267	1,184	16.28
86°F (30°C)	14,642	1,586	9.23	15,276	1,528	10.00	15,937	1,470	10.84	16,627	1,415	11.75	17,347	1,362	12.73	18,098	1,313	13.78	18,881	1,266	14.92
95°F (35°C)	14,349	1,649	8.70	14,970	1,589	9.42	15,618	1,529	10.21	16,295	1,472	11.07	17,000	1,417	12.00	17,736	1,366	12.99	18,504	1,316	14.06
104°F (40°C)	14,062	1,715	8.20	14,671	1,653	8.88	15,306	1,590	9.62	15,969	1,531	10.43	16,660	1,474	11.30	17,381	1,420	12.24	18,134	1,369	13.24
110°F (43°C)	13,921	1,750	7.95	14,524	1,686	8.61	15,153	1,623	9.34	15,809	1,562	10.12	16,494	1,504	10.97	17,208	1,449	11.87	17,953	1,397	12.85
115°F (46°C)	13,782	1,803	7.64	14,379	1,738	8.28	15,001	1,672	8.97	15,651	1,609	9.72	16,329	1,549	10.54	17,036	1,493	11.41	17,773	1,439	12.35

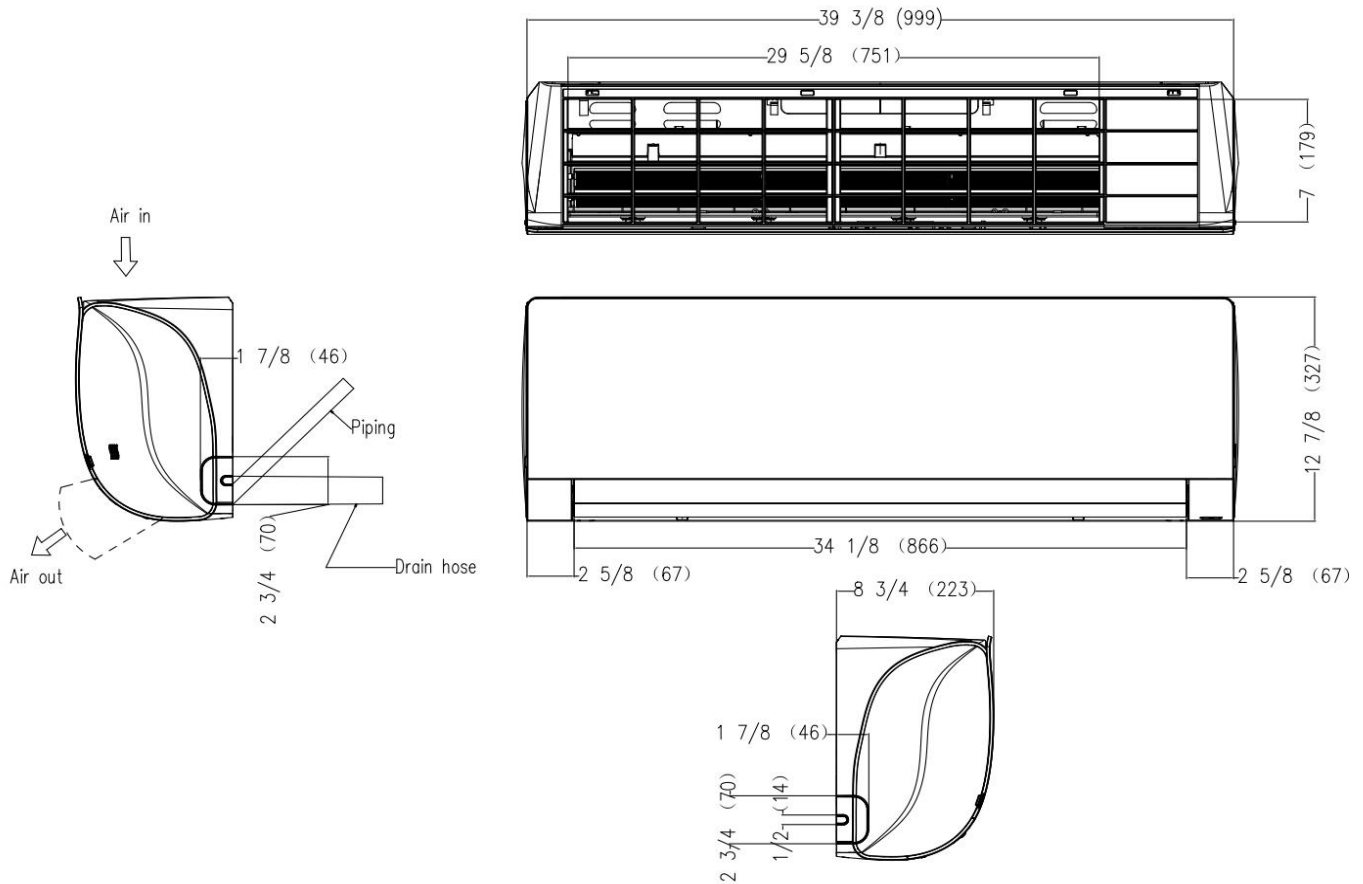
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q18FF2BEA



Note: Dimensions are shown in inches (millimeters)

QS18WB2BEA



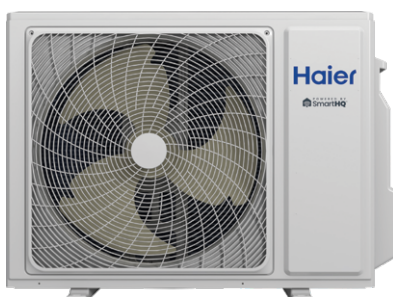
Note: Dimensions are shown in inches (millimeters)

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

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



Outdoor Model:
1Q18FF2BEA



Indoor Model:
US18CB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB15WA
Side Wind Baffle	UASWB15WA
Back Wind Baffle	UAWB15WA
Top Cover	UATC20WA
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	16,000
	Capacity Range Btu/hr	4,500-17,000
	SEER2 / EER2	18.5 / 11.7
	Rated Power Input W	1,368
Heating	Moisture Removal Pt./hr	3.8
	Rated Heating Capacity 47°F Btu/hr	18,000
	Heating Capacity Range Btu/hr	4,000-20,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV)	9.1
	Rated Power Input W	1,599
	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	20
Indoor Unit	Minimum Circuit Amp A	15
	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)	90.47/103.26 (41/46.8)
	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)	45/40/35/30/29
	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)	44/40/35/30/28
	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*
	Max. Drain-Lift Height in (mm)	47 1/4 (1200)
	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
Refrigerant Lines	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)
	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4
Refrigerant Lines	Suction O.D. in	1/2
	Factory Charge Oz	45.9
	Maximum Line Length Ft / m	83/25
	Maximum Height Ft / m	50/15

1Q18FF2BEA / US18CB2BEA

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)	8,865	1,373	1.89	8,334	1,401	1.74	8,084	1,429	1.66	7,841	1,458	1.58	7,605	1,488	1.50	7,376	1,518	1.42	6,934	1,549	1.31
-5°F (-21°C)	10,674	1,504	2.08	10,035	1,534	1.92	9,733	1,566	1.82	9,441	1,597	1.73	9,157	1,630	1.65	8,882	1,663	1.56	8,350	1,697	1.44
0°F (-18°C)	12,483	1,623	2.25	11,736	1,656	2.08	11,383	1,690	1.97	11,040	1,725	1.88	10,709	1,760	1.78	10,387	1,796	1.70	9,765	1,833	1.56
5°F (-15°C)	16,282	2,207	2.16	15,307	2,252	1.99	14,846	2,298	1.89	14,400	2,345	1.80	13,967	2,393	1.71	13,547	2,442	1.63	12,736	2,492	1.50
14°F (-10°C)	14,834	1,611	2.70	13,946	1,644	2.49	13,526	1,677	2.36	13,120	1,711	2.25	12,725	1,746	2.14	12,342	1,782	2.03	11,603	1,818	1.87
23°F (-5°C)	16,462	1,360	3.55	15,476	1,388	3.27	15,011	1,416	3.11	14,559	1,445	2.95	14,122	1,474	2.81	13,697	1,505	2.67	12,877	1,535	2.46
32°F (0°C)	17,004	1,313	3.80	15,986	1,339	3.50	15,505	1,367	3.32	15,039	1,395	3.16	14,587	1,423	3.00	14,148	1,452	2.86	13,301	1,482	2.63
41°F (5°C)	18,633	1,301	4.20	17,517	1,328	3.87	16,990	1,355	3.67	16,480	1,383	3.49	15,984	1,411	3.32	15,503	1,440	3.16	14,575	1,469	2.91
47°F (8°C)	20,352	1,505	3.96	19,133	1,536	3.65	18,558	1,567	3.47	18,000	1,599	3.30	17,459	1,632	3.14	16,934	1,665	2.98	15,920	1,699	2.75
55°F (13°C)	19,844	1,280	4.54	18,656	1,306	4.19	18,095	1,333	3.98	17,551	1,360	3.78	17,023	1,388	3.60	16,511	1,416	3.42	15,522	1,445	3.15
65°F (18°C)	20,760	1,085	5.61	19,516	1,107	5.17	18,930	1,130	4.91	18,360	1,153	4.67	17,808	1,176	4.44	17,273	1,200	4.22	16,238	1,225	3.89
75°F (24°C)	21,777	1,174	5.43	20,472	1,198	5.01	19,857	1,223	4.76	19,260	1,248	4.52	18,681	1,273	4.30	18,119	1,299	4.09	17,034	1,326	3.77

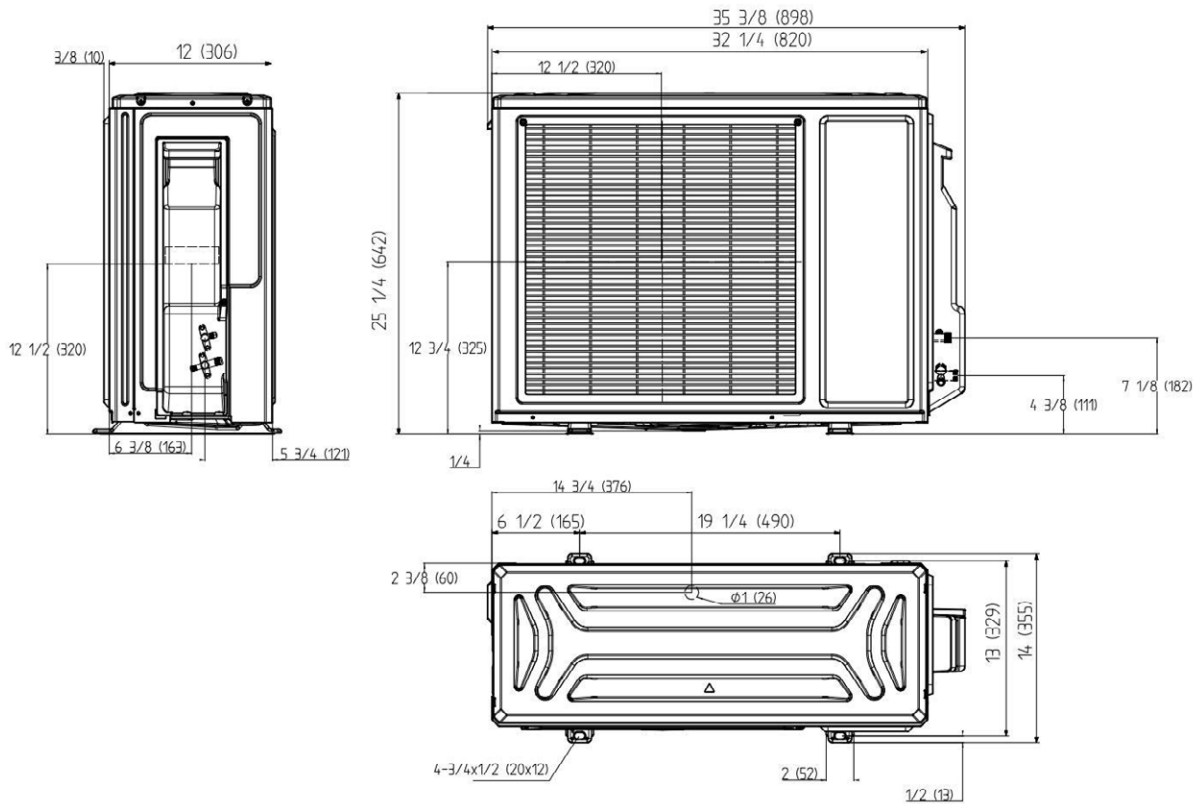
Cooling Capacity Data

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)	9,893	526	18.79	10,321	507	20.34	10,768	488	22.06	11,234	470	23.91	11,720	452	25.91	12,228	436	28.05	12,757	420	30.35
-22°F (-30°C)	10,060	537	18.72	10,495	518	20.27	10,950	498	21.98	11,424	479	23.82	11,918	462	25.82	12,435	445	27.95	12,973	429	30.25
-15°F (-26°C)	10,230	548	18.66	10,673	528	20.20	11,135	508	21.91	11,617	489	23.74	12,120	471	25.73	12,645	454	27.86	13,192	438	30.15
-4°F (-20°C)	10,403	559	18.60	10,853	539	20.14	11,323	519	21.83	11,813	499	23.66	12,325	481	25.64	12,858	463	27.76	13,415	447	30.04
5°F (-15°C)	10,579	571	18.53	11,037	550	20.07	11,514	529	21.76	12,013	509	23.58	12,533	490	25.55	13,076	473	27.66	13,642	456	29.94
14°F (-10°C)	10,757	582	18.47	11,223	561	20.00	11,709	540	21.68	12,216	520	23.50	12,745	500	25.47	13,297	482	27.57	13,872	465	29.84
23°F (-5°C)	10,939	594	18.41	11,413	573	19.93	11,907	551	21.61	12,422	530	23.42	12,960	511	25.38	13,521	492	27.47	14,107	474	29.73
32°F (0°C)	12,020	700	17.16	12,540	675	18.58	13,083	649	20.14	13,649	625	21.83	14,240	602	23.66	14,857	580	25.61	15,500	559	27.72
50°F (10°C)	14,045	785	17.88	14,653	757	19.36	15,287	728	20.99	15,949	701	22.75	16,640	675	24.66	17,360	650	26.70	18,112	627	28.89
68°F (20°C)	14,991	1,104	13.58	15,640	1,064	14.70	16,317	1,023	15.94	17,024	985	17.28	17,761	948	18.73	18,530	914	20.27	19,332	881	21.94
86°F (30°C)	13,977	1,422	9.83	14,583	1,370	10.64	15,214	1,319	11.54	15,873	1,269	12.50	16,560	1,222	13.55	17,277	1,178	14.67	18,025	1,135	15.88
95°F (35°C)	13,505	1,592	8.48	14,090	1,534	9.18	14,700	1,476	9.96	15,336	1,421	10.79	16,000	1,368	11.70	16,693	1,318	12.66	17,415	1,271	13.70
104°F (40°C)	11,614	1,528	7.60	12,117	1,473	8.23	12,642	1,417	8.92	13,189	1,364	9.67	13,760	1,313	10.48	14,356	1,266	11.34	14,977	1,220	12.28
110°F (43°C)	11,344	1,656	6.85	11,835	1,595	7.42	12,348	1,535	8.04	12,882	1,478	8.72	13,440	1,423	9.45	14,022	1,371	10.23	14,629	1,322	11.07
115°F (46°C)	10,939	1,719	6.36	11,413	1,657	6.89	11,907	1,594	7.47	12,423	1,535	8.10	12,960	1,477	8.77	13,522	1,424	9.50	14,107	1,373	10.28

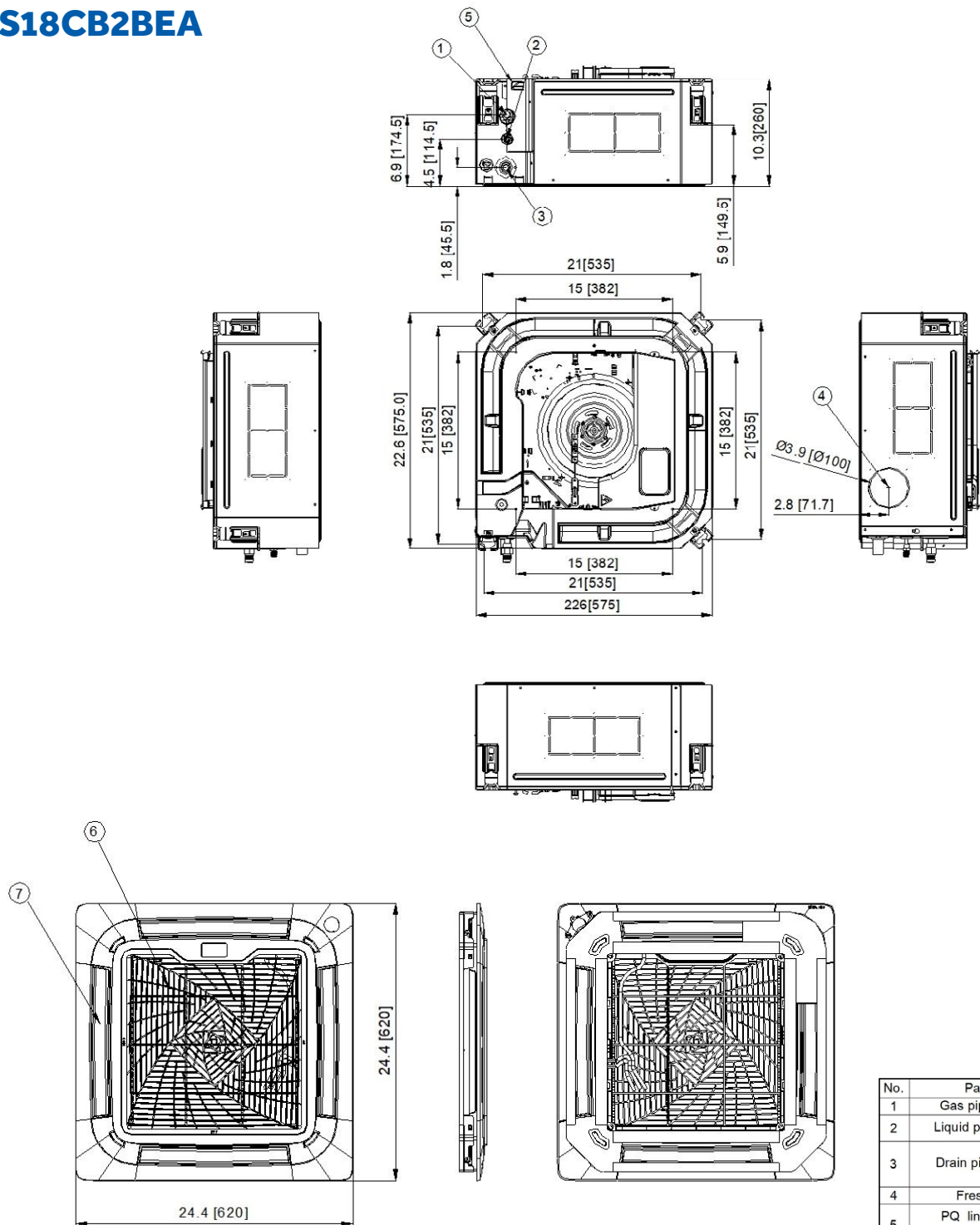
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q18FF2BEA



Note: Dimensions are shown in inches (millimeters)

US18CB2BEA



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	

Note: Dimensions are shown in inches (millimeters)

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

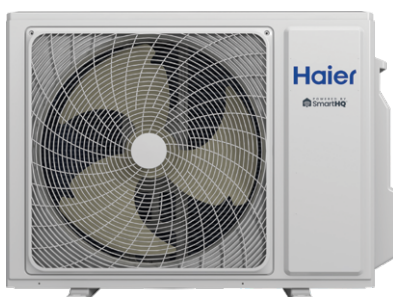
Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q18FF2BEA



Indoor Model:
US18AB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB15WA
Side Wind Baffle	UASWB15WA
Back Wind Baffle	UAWB15WA
Top Cover	UATC20WA
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	17,000
	Capacity Range Btu/hr	4,600-17,000
	SEER2 / EER2	19/11.2
Heating	Moisture Removal Pt./hr	4.0
	Rated Heating Capacity 47°F Btu/hr	18,000
	Heating Capacity Range Btu/hr	6,400-18,000
	COP 5°F	1.8
	HSPF2(IV)/HSPF2(V)	9.5/7.3
Outdoor Unit	Rated Heating Capacity 5°F Btu/hr	15,000
	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	20
	Minimum Circuit Amp A	15
	Outdoor Noise Level dB	58
Indoor Unit	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)
	Weight (Net/Ship) - lbs (kg)	90.47/103.26 (41/46.8)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	415/370/330/290/250
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1350/1230/1130/1030/930
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	45/43/40/37/34
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	440/420/390/355/315
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1400/1330/1230/1130/1030
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	46/44/43/40/37
	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)	42.1/78.9 (19.1/35.8)
	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	1/2
	Factory Charge Oz	45.9
	Maximum Line Length Ft / m	83/25
Refrigerant Lines	Maximum Height Ft / m	50/15
	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.

1Q18FF2BEA / US18AB2BEA**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)	13,111	1,952	1.97	12,326	1,992	1.81	11,955	2,032	1.72	11,596	2,074	1.64	11,247	2,116	1.56	10,909	2,159	1.48	10,255	2,203	1.36
-5°F (-21°C)	14,816	2,146	2.02	13,929	2,190	1.86	13,510	2,235	1.77	13,104	2,281	1.68	12,710	2,327	1.60	12,328	2,375	1.52	11,589	2,423	1.40
0°F (-18°C)	15,705	2,275	2.02	14,765	2,322	1.86	14,321	2,369	1.77	13,890	2,418	1.68	13,472	2,467	1.60	13,067	2,517	1.52	12,285	2,569	1.40
5°F (-15°C)	16,960	2,298	2.16	15,944	2,345	1.99	15,465	2,393	1.89	15,000	2,442	1.80	14,549	2,492	1.71	14,112	2,543	1.63	13,266	2,595	1.50
14°F (-10°C)	17,978	2,308	2.28	16,901	2,355	2.10	16,393	2,403	2.00	15,900	2,452	1.90	15,422	2,502	1.81	14,958	2,553	1.72	14,062	2,605	1.58
23°F (-5°C)	19,056	2,317	2.41	17,915	2,364	2.22	17,376	2,412	2.11	16,854	2,462	2.01	16,347	2,512	1.91	15,856	2,563	1.81	14,906	2,615	1.67
32°F (0°C)	20,199	2,217	2.67	18,990	2,262	2.46	18,419	2,309	2.34	17,865	2,356	2.22	17,328	2,404	2.11	16,807	2,453	2.01	15,800	2,503	1.85
41°F (5°C)	21,411	2,016	3.11	20,129	2,057	2.87	19,524	2,099	2.73	18,937	2,141	2.59	18,367	2,185	2.46	17,815	2,230	2.34	16,748	2,275	2.16
47°F (8°C)	20,352	1,732	3.44	19,133	1,767	3.17	18,558	1,803	3.02	18,000	1,840	2.87	17,459	1,878	2.73	16,934	1,916	2.59	15,920	1,955	2.39
55°F (13°C)	20,962	1,740	3.53	19,707	1,776	3.25	19,114	1,812	3.09	18,539	1,849	2.94	17,982	1,887	2.79	17,441	1,925	2.65	16,397	1,965	2.45
65°F (18°C)	21,590	1,749	3.62	20,297	1,785	3.33	19,687	1,821	3.17	19,095	1,859	3.01	18,521	1,896	2.86	17,964	1,935	2.72	16,888	1,975	2.51

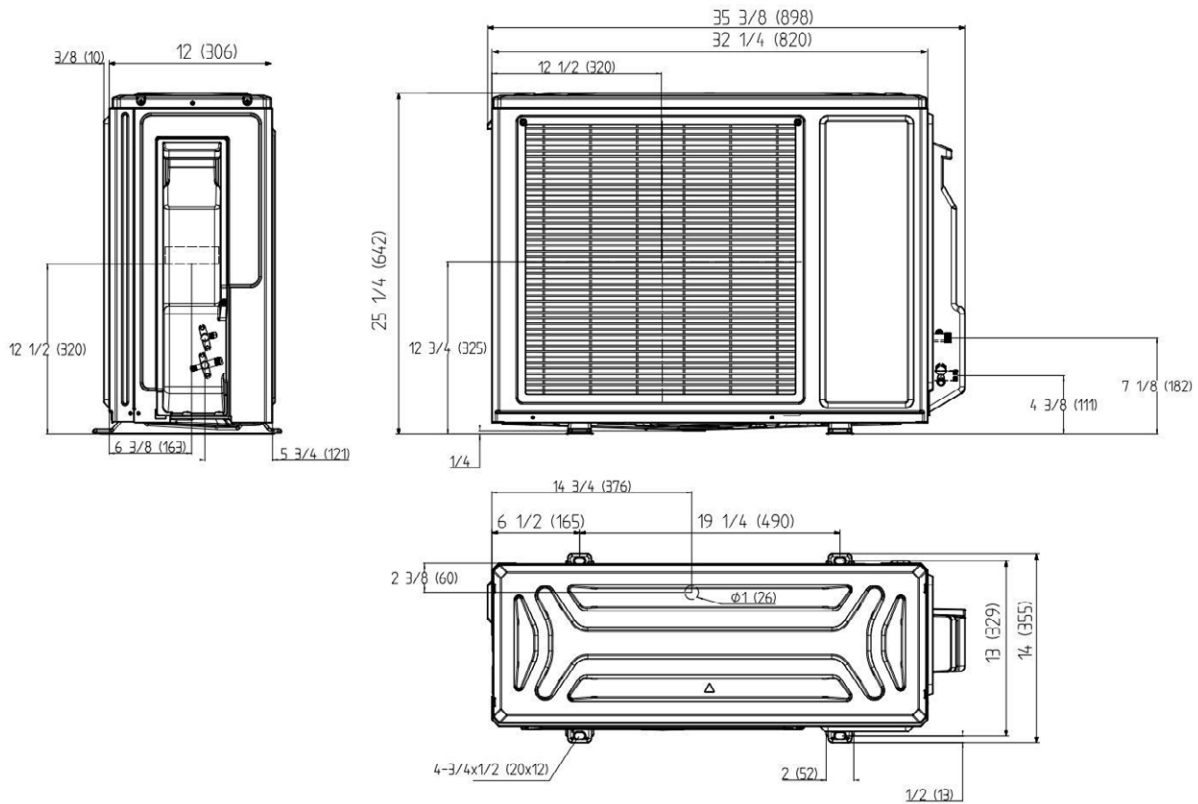
Cooling Capacity Data

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)	14,355	1,030	13.94	14,976	992	15.09	15,625	955	16.36	16,301	919	17.74	17,007	885	19.22	17,744	853	20.81	18,512	822	22.52
-22°F (-30°C)	14,597	1,051	13.89	15,230	1,013	15.04	15,889	974	16.31	16,577	938	17.68	17,295	903	19.16	18,043	870	20.74	18,825	839	22.44
-15°F (-26°C)	14,844	1,072	13.84	15,487	1,033	14.99	16,157	994	16.25	16,857	957	17.61	17,587	921	19.09	18,348	888	20.67	19,143	856	22.36
-4°F (-20°C)	15,095	1,094	13.80	15,749	1,054	14.94	16,430	1,014	16.20	17,142	977	17.55	17,884	940	19.02	18,658	906	20.59	19,466	873	22.29
5°F (-15°C)	15,350	1,116	13.75	16,015	1,076	14.89	16,708	1,035	16.14	17,432	996	17.49	18,186	959	18.96	18,974	924	20.52	19,795	891	22.21
14°F (-10°C)	15,610	1,139	13.70	16,285	1,098	14.84	16,991	1,056	16.08	17,726	1,017	17.43	18,494	979	18.89	19,294	943	20.45	20,130	909	22.13
23°F (-5°C)	15,873	1,162	13.65	16,561	1,120	14.78	17,278	1,078	16.03	18,026	1,038	17.37	18,806	999	18.83	19,620	963	20.38	20,470	928	22.06
32°F (0°C)	15,556	1,280	12.15	16,230	1,234	13.16	16,932	1,187	14.26	17,665	1,143	15.46	18,430	1,100	16.75	19,228	1,060	18.14	20,061	1,022	19.63
50°F (10°C)	15,245	1,396	10.92	15,905	1,345	11.82	16,594	1,295	12.82	17,312	1,246	13.89	18,062	1,200	15.06	18,844	1,156	16.30	19,660	1,115	17.64
68°F (20°C)	14,940	1,508	9.91	15,587	1,453	10.73	16,262	1,398	11.63	16,966	1,346	12.61	17,701	1,295	13.66	18,467	1,248	14.79	19,267	1,204	16.01
86°F (30°C)	14,642	1,613	9.08	15,276	1,554	9.83	15,937	1,495	10.66	16,627	1,439	11.55	17,347	1,386	12.52	18,098	1,335	13.55	18,881	1,287	14.67
95°F (35°C)	14,349	1,677	8.56	14,970	1,616	9.26	15,618	1,555	10.04	16,295	1,497	10.89	17,000	1,441	11.80	17,736	1,389	12.77	18,504	1,339	13.82
104°F (40°C)	14,062	1,744	8.06	14,671	1,681	8.73	15,306	1,617	9.46	15,969	1,557	10.26	16,660	1,499	11.12	17,381	1,444	12.03	18,134	1,392	13.02
110°F (43°C)	13,921	1,780	7.82	14,524	1,715	8.47	15,153	1,650	9.18	15,809	1,589	9.95	16,494	1,529	10.79	17,208	1,474	11.68	17,953	1,421	12.64
115°F (46°C)	13,782	1,834	7.52	14,379	1,767	8.14	15,001	1,700	8.82	15,651	1,637	9.56	16,329	1,576	10.36	17,036	1,518	11.22	17,773	1,464	12.14

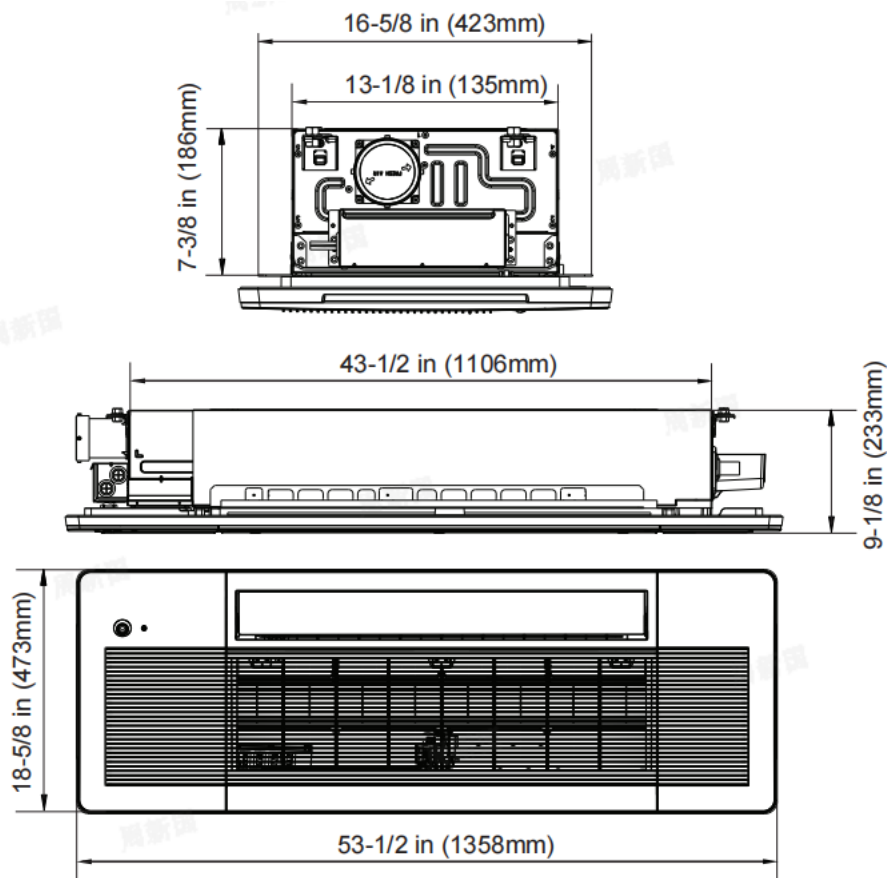
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q18FF2BEA



Note: Dimensions are shown in inches (millimeters)

US18AB2BEA



Note: Dimensions are shown in inches (millimeters)

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

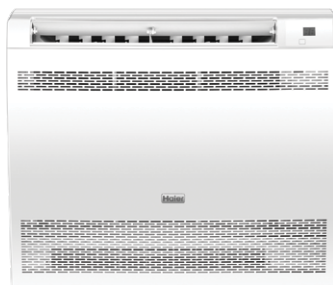
Drawing #: _____



Outdoor Model:
1Q18FF2BEA



Indoor Model:
US18FB2BEA



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
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	16,000
	Capacity Range Btu/hr	4,300-18,000
	SEER2 / EER2	17 / 8.6
	Rated Power Input W	2,000
Heating	Moisture Removal Pt./hr	3.8
	Rated Heating Capacity 47°F Btu/hr	17,000
	Heating Capacity Range Btu/hr	3,600-15,000
	COP 5°F	1.75
Outdoor Unit	HSPF2 (IV)	7.8
	Rated Power Input W	1,842
	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	20
Indoor Unit	Minimum Circuit Amp A	15
	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)	90.47/103.26 (41/46.8)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	345/300/280/218/210
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)	49/44/43/38/35
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	328/296/263/206/200
	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)	49/43/42/37/35
	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)
Indoor Unit	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	1/2
	Factory Charge Oz	45.9
Refrigerant Lines	Maximum Line Length Ft / m	83/25
	Maximum Height Ft / m	50/15

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

1Q18FF2BEA / US18FB2BEA

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)	7,086	1,155	1.80	6,661	1,178	1.66	6,461	1,202	1.58	6,267	1,227	1.50	6,078	1,252	1.42	5,896	1,277	1.35	5,543	1,303	1.25
-5°F (-21°C)	9,347	1,462	1.87	8,787	1,492	1.73	8,523	1,522	1.64	8,266	1,553	1.56	8,018	1,585	1.48	7,777	1,617	1.41	7,311	1,650	1.30
0°F (-18°C)	11,005	1,626	1.98	10,346	1,660	1.83	10,035	1,693	1.74	9,733	1,728	1.65	9,441	1,763	1.57	9,157	1,799	1.49	8,608	1,836	1.37
5°F (-15°C)	13,568	1,886	2.11	12,756	1,925	1.94	12,372	1,964	1.85	12,000	2,004	1.75	11,639	2,045	1.67	11,289	2,087	1.59	10,613	2,129	1.46
14°F (-10°C)	12,362	1,390	2.61	11,621	1,419	2.40	11,272	1,448	2.28	10,933	1,477	2.17	10,604	1,507	2.06	10,285	1,538	1.96	9,669	1,570	1.81
23°F (-5°C)	13,718	1,344	2.99	12,897	1,371	2.76	12,509	1,399	2.62	12,133	1,428	2.49	11,768	1,457	2.37	11,414	1,487	2.25	10,731	1,517	2.07
32°F (0°C)	14,170	1,296	3.20	13,322	1,323	2.95	12,921	1,350	2.81	12,533	1,377	2.67	12,156	1,405	2.54	11,790	1,434	2.41	11,084	1,463	2.22
41°F (5°C)	15,527	1,284	3.54	14,598	1,311	3.26	14,159	1,337	3.10	13,733	1,365	2.95	13,320	1,392	2.80	12,920	1,421	2.67	12,146	1,450	2.46
47°F (8°C)	19,221	1,734	3.25	18,070	1,769	2.99	17,527	1,805	2.85	17,000	1,842	2.70	16,489	1,880	2.57	15,993	1,918	2.44	15,035	1,957	2.25
55°F (13°C)	18,452	1,474	3.67	17,347	1,504	3.38	16,825	1,535	3.21	16,319	1,566	3.05	15,829	1,598	2.90	15,353	1,631	2.76	14,433	1,664	2.54
65°F (18°C)	19,029	1,248	4.47	17,889	1,274	4.12	17,351	1,300	3.91	16,829	1,326	3.72	16,323	1,353	3.54	15,833	1,381	3.36	14,884	1,409	3.10
75°F (24°C)	19,797	1,353	4.29	18,611	1,381	3.95	18,052	1,409	3.75	17,509	1,438	3.57	16,982	1,467	3.39	16,472	1,497	3.22	15,485	1,528	2.97

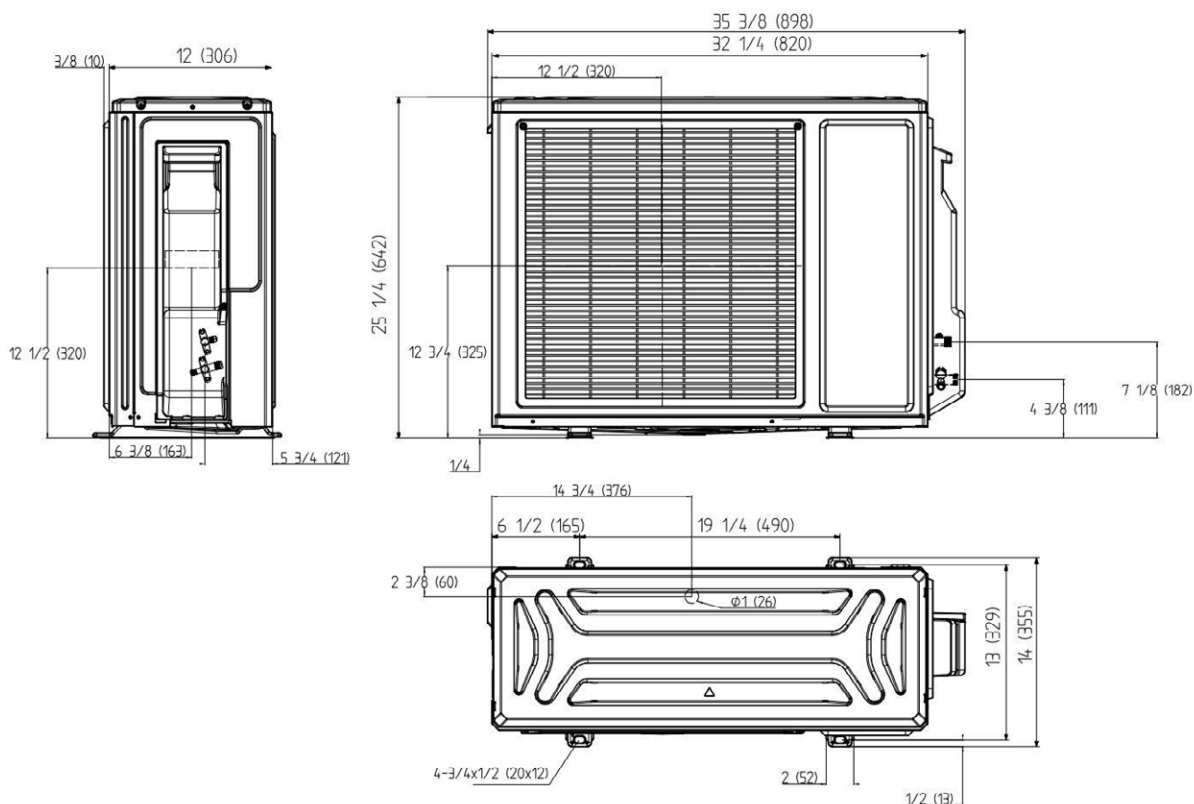
Cooling Capacity Data

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)	8,793	577	15.23	9,174	556	16.49	9,571	535	17.88	9,986	515	19.38	10,418	496	21.00	10,869	478	22.73	11,340	461	24.60
-22°F (-30°C)	8,942	589	15.18	9,329	568	16.43	9,733	546	17.82	10,154	526	19.31	10,594	506	20.93	11,053	488	22.65	11,531	470	24.52
-15°F (-26°C)	9,093	601	15.12	9,487	579	16.38	9,897	557	17.75	10,326	537	19.24	10,773	517	20.85	11,239	498	22.58	11,726	480	24.43
-4°F (-20°C)	9,247	613	15.07	9,647	591	16.32	10,065	569	17.69	10,500	548	19.18	10,955	527	20.78	11,429	508	22.50	11,924	490	24.35
5°F (-15°C)	9,403	626	15.02	9,810	603	16.26	10,235	580	17.63	10,678	559	19.11	11,140	538	20.71	11,623	518	22.42	12,126	500	24.26
14°F (-10°C)	9,562	639	14.97	9,976	616	16.21	10,408	592	17.57	10,858	570	19.05	11,329	549	20.64	11,819	529	22.34	12,331	510	24.18
23°F (-5°C)	9,723	652	14.92	10,144	628	16.15	10,584	604	17.51	11,042	582	18.98	11,520	560	20.57	12,019	540	22.27	12,539	520	24.10
32°F (0°C)	10,669	776	13.75	11,131	748	14.89	11,613	720	16.14	12,115	693	17.49	12,640	667	18.96	13,187	643	20.52	13,758	619	22.21
50°F (10°C)	12,290	869	14.14	12,822	837	15.31	13,377	806	16.60	13,956	776	17.99	14,560	747	19.50	15,191	720	21.11	15,849	694	22.84
68°F (20°C)	13,640	1,335	10.22	14,231	1,286	11.07	14,847	1,237	12.00	15,490	1,191	13.00	16,160	1,147	14.09	16,860	1,105	15.26	17,590	1,065	16.51
86°F (30°C)	12,965	1,769	7.33	13,526	1,705	7.93	14,112	1,640	8.60	14,723	1,579	9.32	15,360	1,520	10.11	16,025	1,465	10.94	16,719	1,412	11.84
95°F (35°C)	13,505	2,328	5.80	14,090	2,243	6.28	14,700	2,158	6.81	15,336	2,077	7.38	16,000	2,000	8.00	16,693	1,927	8.66	17,415	1,858	9.37
104°F (40°C)	11,479	2,173	5.28	11,976	2,093	5.72	12,494	2,014	6.20	13,035	1,939	6.72	13,600	1,867	7.29	14,188	1,799	7.89	14,803	1,734	8.54
110°F (43°C)	10,938	2,328	4.70	11,412	2,243	5.09	11,906	2,158	5.52	12,422	2,078	5.98	12,959	2,000	6.48	13,521	1,928	7.01	14,106	1,858	7.59
115°F (46°C)	10,533	2,483	4.24	10,989	2,393	4.59	11,465	2,302	4.98	11,961	2,216	5.40	12,479	2,133	5.85	13,019	2,056	6.33	13,583	1,982	6.85

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

1Q18FF2BEA



Note: Dimensions are shown in inches (millimeters)

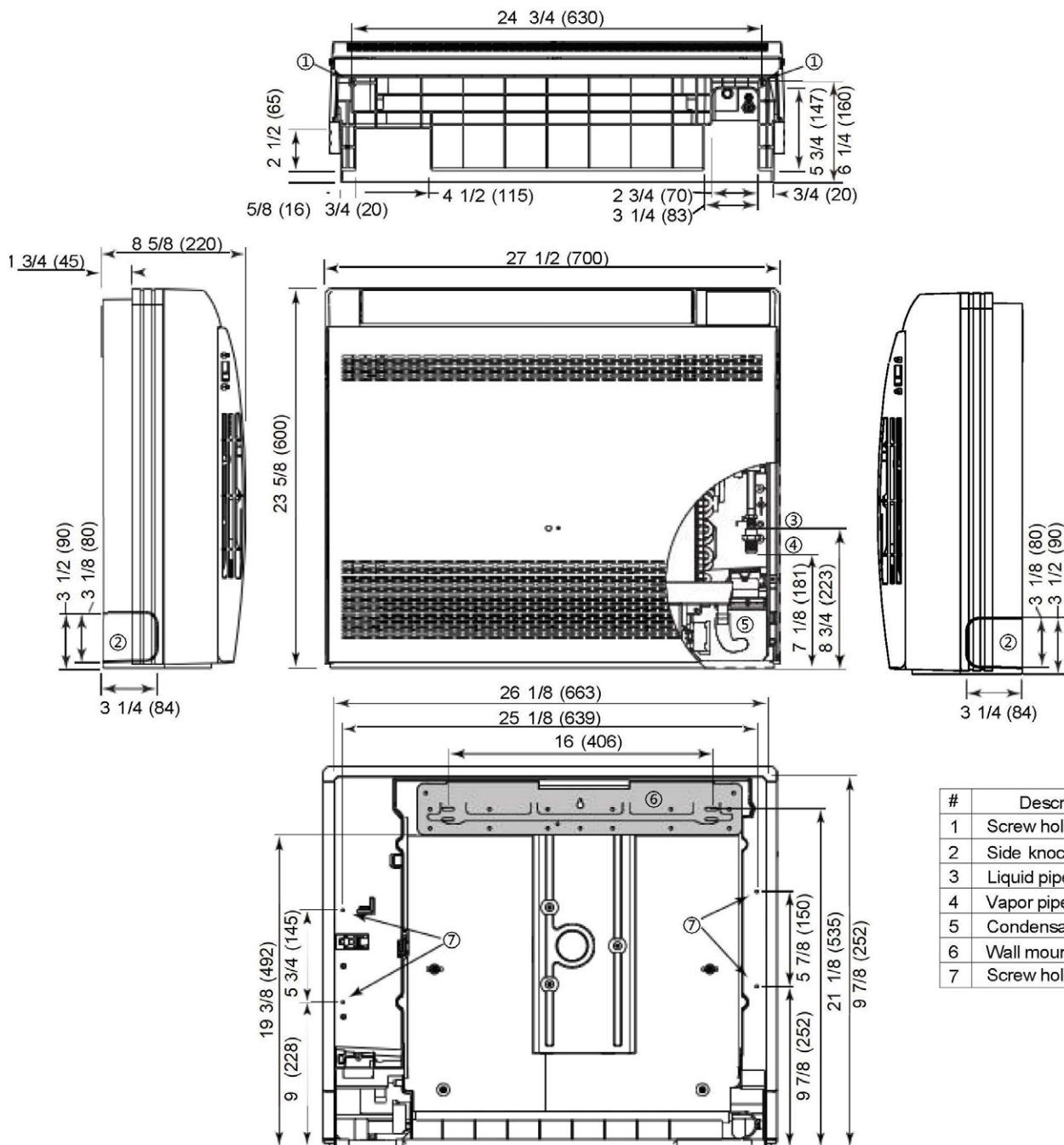
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US18FB2BEA



Note: Dimensions are shown in inches (millimeters)

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

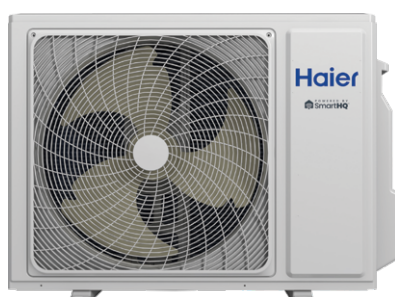
Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q18FF2BEA



Indoor Model:
US18MB2BEA



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
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)
	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	17,000
	Capacity Range Btu/hr	4,500-19,000
	SEER2 / EER2	17.3 / 10.8
	Rated Power Input W	1,619
Heating	Moisture Removal Pt./hr	3.6
	Rated Heating Capacity 47°F Btu/hr	19,000
	Heating Capacity Range Btu/hr	4,000-20,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV)	9
	Rated Power Input W	1,687
	Compressor Type	DC Inverter Rotary
	Recommended Breaker Size A	20
Indoor Unit	Minimum Circuit Amp A	15
	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)	90.47/103.26 (41/46.8)
	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)	49/46/42/39/38
	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)	48/45/41/39/37
	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)
Indoor Unit	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
Refrigerant Lines	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes
	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4
Refrigerant Lines	Suction O.D. in	1/2
	Factory Charge Oz	45.86
	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.

1Q18FF2BEA / US18MB2BEA

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)	9,882	1,627	1.78	9,290	1,660	1.64	9,011	1,694	1.56	8,740	1,728	1.48	8,477	1,764	1.41	8,222	1,800	1.34	7,730	1,836	1.23
-5°F (-21°C)	12,460	1,998	1.83	11,714	2,039	1.68	11,362	2,080	1.60	11,020	2,123	1.52	10,689	2,166	1.45	10,367	2,210	1.37	9,746	2,255	1.27
0°F (-18°C)	13,964	2,072	1.98	13,128	2,114	1.82	12,733	2,157	1.73	12,350	2,201	1.64	11,979	2,246	1.56	11,618	2,292	1.49	10,923	2,339	1.37
5°F (-15°C)	17,186	2,329	2.16	16,157	2,377	1.99	15,671	2,426	1.89	15,200	2,475	1.80	14,743	2,526	1.71	14,300	2,577	1.63	13,443	2,630	1.50
14°F (-10°C)	17,186	2,182	2.31	16,157	2,226	2.13	15,671	2,272	2.02	15,200	2,318	1.92	14,743	2,365	1.83	14,300	2,414	1.74	13,443	2,463	1.60
23°F (-5°C)	19,334	2,108	2.69	18,176	2,151	2.48	17,630	2,195	2.35	17,100	2,240	2.24	16,586	2,285	2.13	16,087	2,332	2.02	15,124	2,380	1.86
32°F (0°C)	19,980	2,034	2.88	18,783	2,076	2.65	18,218	2,118	2.52	17,671	2,161	2.40	17,139	2,205	2.28	16,624	2,250	2.17	15,628	2,296	1.99
41°F (5°C)	22,790	1,795	3.72	21,425	1,832	3.43	20,781	1,869	3.26	20,156	1,908	3.10	19,550	1,946	2.94	18,962	1,986	2.80	17,826	2,027	2.58
47°F (8°C)	21,483	1,588	3.97	20,196	1,620	3.65	19,589	1,653	3.47	19,000	1,687	3.30	18,429	1,721	3.14	17,875	1,757	2.98	16,804	1,792	2.75
55°F (13°C)	21,053	1,520	4.06	19,792	1,551	3.74	19,197	1,583	3.55	18,620	1,615	3.38	18,060	1,648	3.21	17,517	1,682	3.05	16,468	1,716	2.81
65°F (18°C)	21,698	1,411	4.51	20,398	1,440	4.15	19,785	1,469	3.95	19,190	1,499	3.75	18,613	1,530	3.57	18,053	1,561	3.39	16,972	1,593	3.12
75°F (24°C)	23,201	1,530	4.45	21,812	1,561	4.10	21,156	1,593	3.89	20,520	1,625	3.70	19,903	1,658	3.52	19,304	1,692	3.34	18,148	1,727	3.08

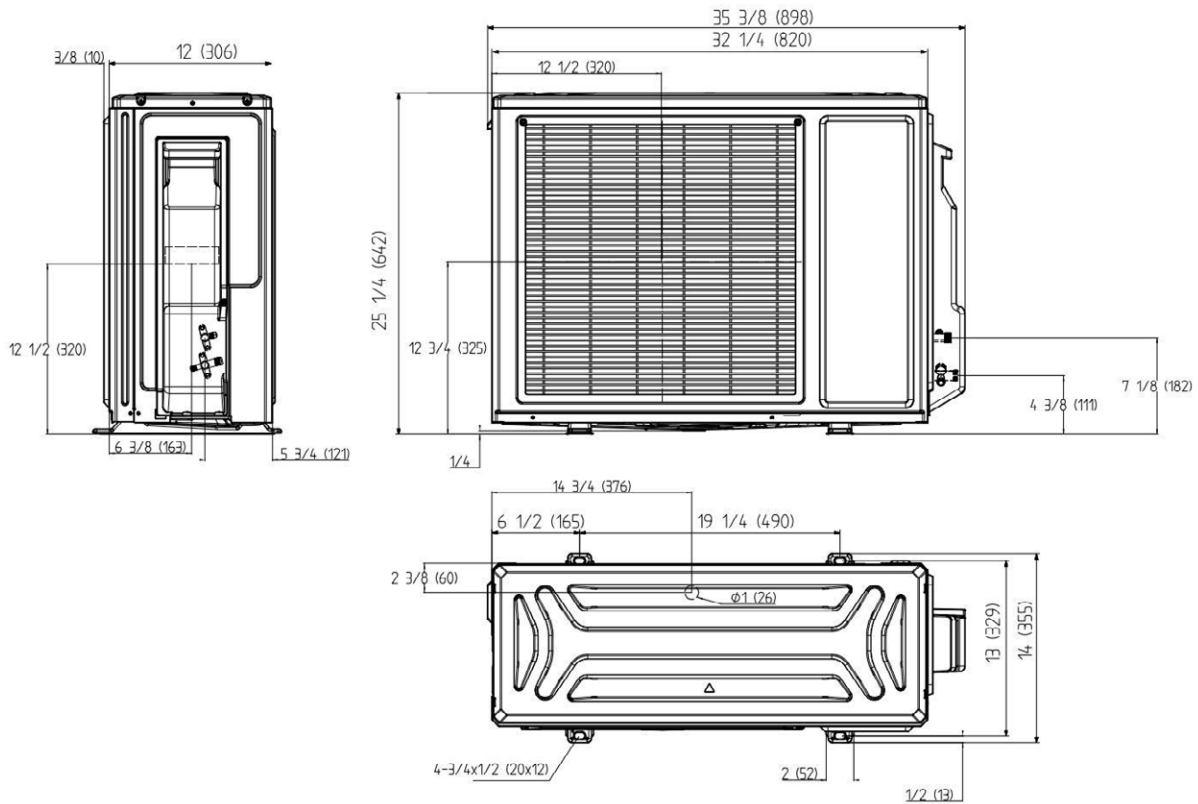
Cooling Capacity Data

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)	10,640	668	15.94	11,101	643	17.26	11,581	619	18.71	12,083	596	20.28	12,606	574	21.98	13,152	553	23.79	13,721	533	25.75
-22°F (-30°C)	10,820	681	15.88	11,288	656	17.20	11,777	632	18.65	12,287	608	20.21	12,819	585	21.90	13,374	564	23.71	13,953	544	25.66
-15°F (-26°C)	11,003	695	15.83	11,479	670	17.14	11,976	645	18.58	12,495	620	20.14	13,036	597	21.83	13,600	576	23.63	14,189	555	25.57
-4°F (-20°C)	11,189	709	15.77	11,673	683	17.08	12,179	658	18.52	12,706	633	20.07	13,256	609	21.75	13,830	587	23.55	14,429	566	25.48
5°F (-15°C)	11,378	724	15.72	11,870	697	17.02	12,384	671	18.45	12,921	646	20.00	13,480	622	21.68	14,064	599	23.47	14,673	578	25.39
14°F (-10°C)	11,570	739	15.67	12,071	712	16.96	12,594	685	18.39	13,139	659	19.93	13,708	635	21.60	14,301	612	23.39	14,921	590	25.31
23°F (-5°C)	11,766	754	15.61	12,275	726	16.90	12,807	699	18.33	13,361	673	19.86	13,940	648	21.53	14,543	624	23.30	15,173	602	25.22
32°F (0°C)	13,201	829	15.92	13,772	799	17.24	14,368	769	18.69	14,990	740	20.26	15,640	712	21.96	16,317	686	23.77	17,023	662	25.72
50°F (10°C)	14,061	929	15.13	14,670	896	16.38	15,305	862	17.76	15,968	830	19.25	16,659	799	20.86	17,380	770	22.58	18,133	742	24.44
68°F (20°C)	15,209	1,306	11.64	15,868	1,259	12.61	16,555	1,211	13.67	17,272	1,166	14.81	18,020	1,122	16.05	18,800	1,082	17.38	19,614	1,043	18.81
86°F (30°C)	14,779	1,683	8.78	15,419	1,622	9.51	16,087	1,561	10.31	16,783	1,502	11.17	17,510	1,446	12.11	18,268	1,394	13.11	19,059	1,344	14.18
95°F (35°C)	14,349	1,884	7.62	14,970	1,816	8.25	15,618	1,747	8.94	16,295	1,682	9.69	17,000	1,619	10.50	17,736	1,560	11.37	18,504	1,504	12.30
104°F (40°C)	12,340	1,834	6.73	12,874	1,767	7.29	13,432	1,701	7.90	14,013	1,637	8.56	14,620	1,576	9.28	15,253	1,519	10.04	15,913	1,464	10.87
110°F (43°C)	11,766	1,960	6.00	12,275	1,888	6.50	12,807	1,817	7.05	13,361	1,749	7.64	13,940	1,684	8.28	14,543	1,623	8.96	15,173	1,564	9.70
115°F (46°C)	11,192	2,085	5.37	11,676	2,009	5.81	12,182	1,933	6.30	12,709	1,861	6.83	13,259	1,792	7.40	13,834	1,727	8.01	14,432	1,665	8.67

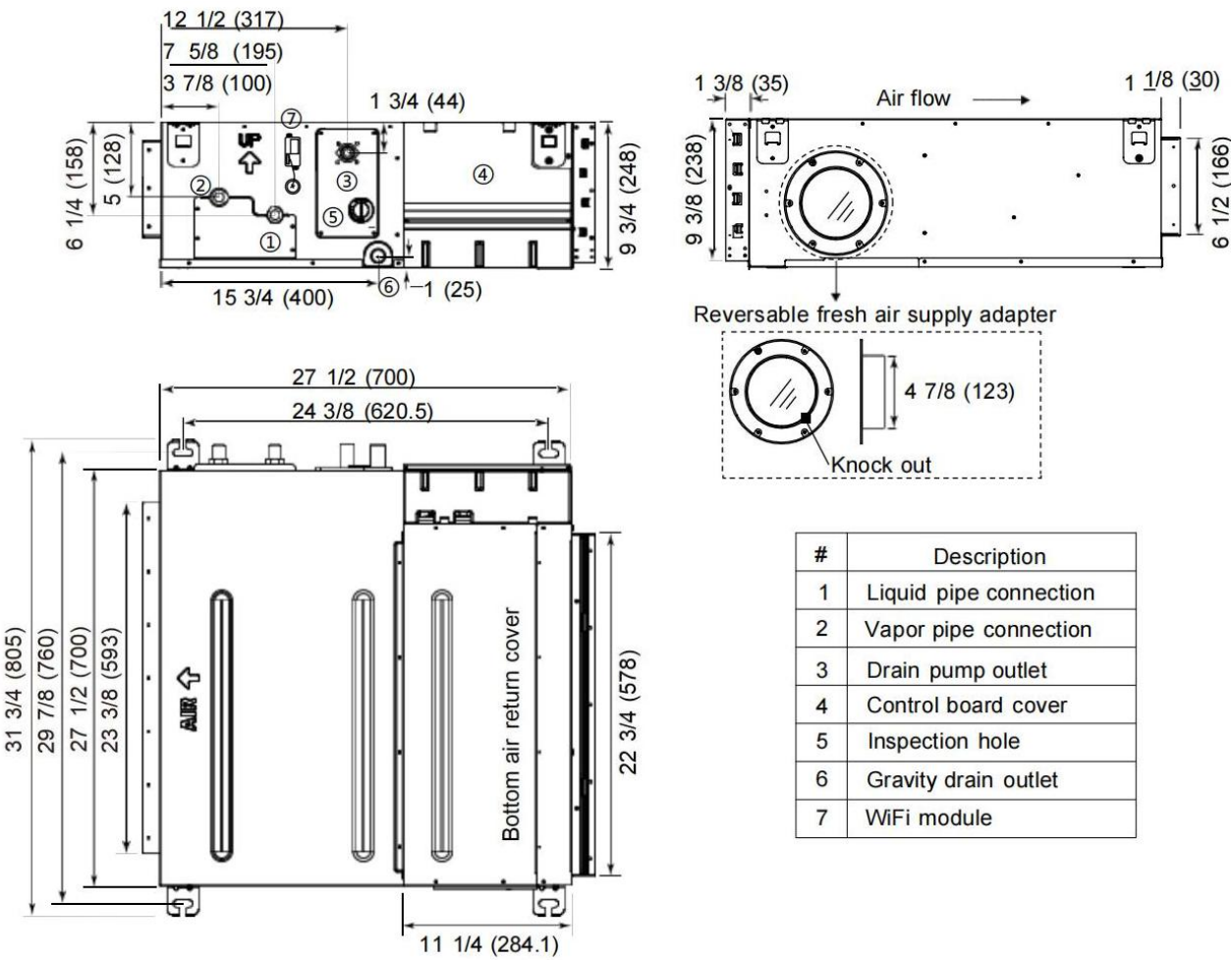
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q18FF2BEA



Note: Dimensions are shown in inches (millimeters)

US18MB2BEA



Note: Dimensions are shown in inches (millimeters)

SUBMITTAL REVISION HISTORY

05-14-25: Submittal release.
02-12-26: Addition of US18AB2BEA One-Way Cassette System.