

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q3036FF2BEA



Indoor Model:
QS30WB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30WA
Side Wind Baffle	UASWB30WA
Back Wind Baffle	UAWB30WA
Top Cover	UATC35WA
Central Controller	UACT32A

Indoor Accessories

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

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



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	28,400
	Capacity Range Btu/hr	6,000-31,000
	SEER2 / EER2	18 / 12
	Rated Power Input W	2,367
Heating	Moisture Removal Pt./hr	5.2
	Rated Heating Capacity 47°F Btu/hr	31,000
	Heating Capacity Range Btu/hr	6,500-32,500
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV)	9.5
	Rated Power Input W	2,839
	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	35
Indoor Unit	Minimum Circuit Amp A	25
	Outdoor Noise Level dB	64
	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: H x W x D in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	147.84/166.59 (67/75.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	800/725/650/510/430
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1250/1150/975/800/700
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	55/53/49/44/40
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	800/725/650/510/430
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1250/1150/975/800/700
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	55/53/49/44/40
	Dimension: H x W x D in (mm)	14 3/8 x 52 3/4 x 10 3/4 (365 x 1341 x 274)
	Carton Dimension: H x W x D in (mm)	15 5/8 x 55 7/8 x 18 7/8 (396 x 1418 x 478)
	Weight (Net/Ship) - lbs (kg)	46.34/56.27 (21/25.5)
Refrigerant Lines	Drain Pipe Size O.D in	5/8
	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)
Refrigerant Lines	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8
	Suction O.D. in	5/8
Refrigerant Lines	Factory Charge Oz	88.2
	Maximum Line Length Ft / m	165/50
Refrigerant Lines	Maximum Height Ft / m	100/30

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

1Q3036FF2BEA / QS30WB2BEA

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)	22,725	3,384	1.97	21,364	3,453	1.81	20,722	3,523	1.72	20,099	3,595	1.64	19,495	3,668	1.56	18,908	3,743	1.48	17,776	3,820	1.36
-5°F (-21°C)	25,681	3,721	2.02	24,143	3,797	1.86	23,417	3,874	1.77	22,713	3,953	1.68	22,030	4,034	1.60	21,368	4,116	1.52	20,088	4,200	1.40
0°F (-18°C)	27,222	3,944	2.02	25,592	4,025	1.86	24,822	4,107	1.77	24,076	4,191	1.68	23,352	4,276	1.60	22,650	4,363	1.52	21,294	4,453	1.40
5°F (-15°C)	29,397	3,984	2.16	27,637	4,065	1.99	26,806	4,148	1.89	26,000	4,233	1.80	25,218	4,319	1.71	24,460	4,408	1.63	22,995	4,497	1.50
14°F (-10°C)	31,161	4,000	2.28	29,295	4,082	2.10	28,414	4,165	2.00	27,560	4,250	1.90	26,731	4,337	1.81	25,927	4,425	1.72	24,375	4,516	1.58
23°F (-5°C)	33,031	4,016	2.41	31,053	4,098	2.22	30,119	4,182	2.11	29,213	4,267	2.01	28,335	4,354	1.91	27,483	4,443	1.81	25,837	4,534	1.67
32°F (0°C)	35,012	3,843	2.67	32,916	3,922	2.46	31,926	4,002	2.34	30,966	4,083	2.22	30,035	4,167	2.11	29,132	4,252	2.01	27,387	4,338	1.85
41°F (5°C)	37,113	3,494	3.11	34,890	3,565	2.87	33,841	3,638	2.73	32,824	3,712	2.59	31,837	3,788	2.46	30,880	3,865	2.34	29,030	3,944	2.16
47°F (8°C)	35,051	2,672	3.84	32,952	2,727	3.54	31,961	2,782	3.37	31,000	2,839	3.20	30,068	2,897	3.04	29,164	2,956	2.89	27,417	3,016	2.66
55°F (13°C)	36,101	2,685	3.94	33,939	2,740	3.63	32,919	2,796	3.45	31,929	2,853	3.28	30,969	2,911	3.12	30,038	2,971	2.96	28,239	3,032	2.73
65°F (18°C)	37,183	2,699	4.04	34,957	2,754	3.72	33,906	2,810	3.54	32,886	2,868	3.36	31,897	2,926	3.19	30,938	2,986	3.04	29,085	3,047	2.80
75°F (24°C)	38,298	2,713	4.14	36,004	2,768	3.81	34,922	2,824	3.62	33,872	2,882	3.44	32,853	2,941	3.27	31,866	3,001	3.11	29,957	3,062	2.87

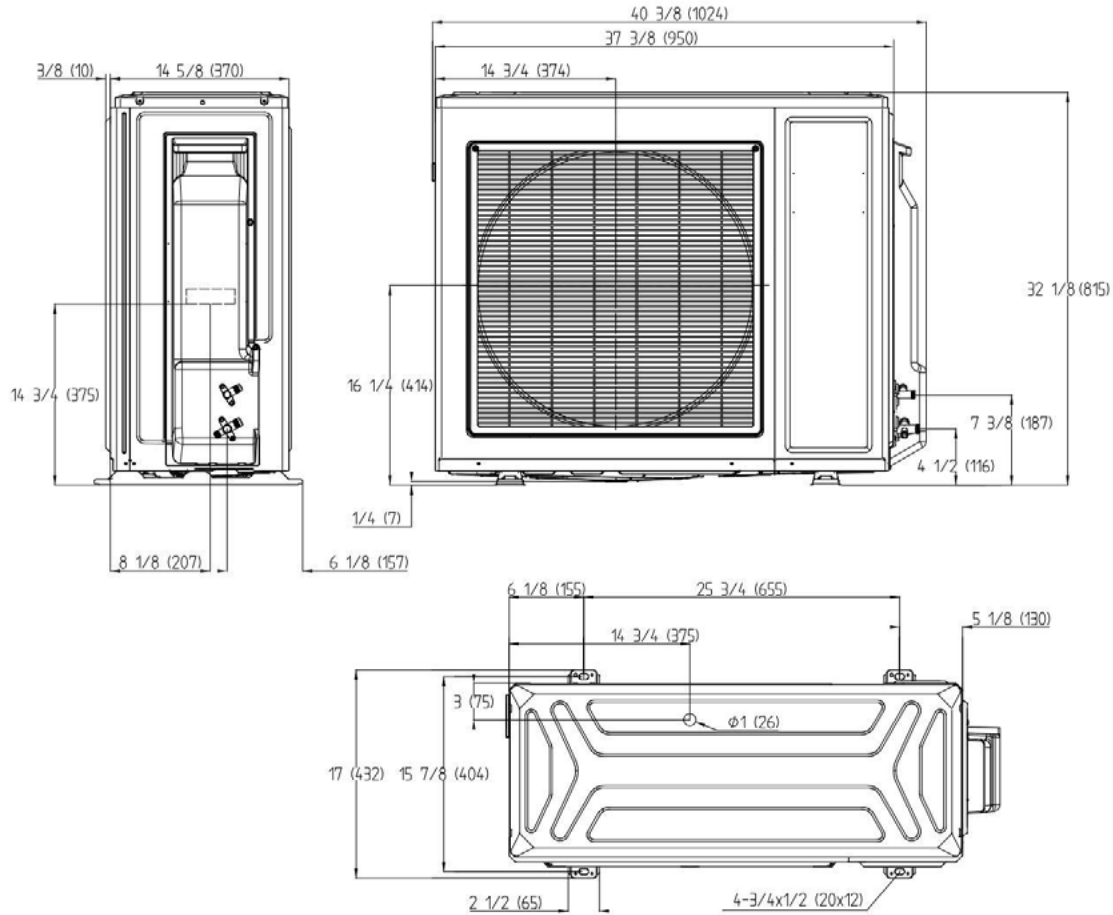
Cooling Capacity Data

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)	23,981	1,692	14.18	25,019	1,630	15.35	26,103	1,568	16.64	27,233	1,510	18.04	28,412	1,453	19.55	29,642	1,401	21.16	30,926	1,350	22.90
-22°F (-30°C)	24,386	1,726	14.13	25,442	1,663	15.30	26,544	1,600	16.59	27,693	1,541	17.98	28,892	1,483	19.48	30,143	1,429	21.09	31,448	1,378	22.82
-15°F (-26°C)	24,799	1,761	14.08	25,872	1,697	15.24	26,992	1,633	16.53	28,161	1,572	17.91	29,380	1,513	19.41	30,652	1,458	21.02	31,980	1,406	22.75
-4°F (-20°C)	25,218	1,797	14.03	26,309	1,732	15.19	27,449	1,666	16.47	28,637	1,604	17.85	29,877	1,544	19.35	31,170	1,488	20.95	32,520	1,435	22.67
5°F (-15°C)	25,644	1,834	13.98	26,754	1,767	15.14	27,912	1,700	16.41	29,121	1,637	17.79	30,382	1,576	19.28	31,697	1,519	20.87	33,070	1,464	22.59
14°F (-10°C)	26,077	1,871	13.94	27,206	1,803	15.09	28,384	1,735	16.36	29,613	1,670	17.73	30,895	1,608	19.22	32,233	1,550	20.80	33,629	1,494	22.51
23°F (-5°C)	26,518	1,909	13.89	27,666	1,840	15.04	28,864	1,771	16.30	30,114	1,704	17.67	31,417	1,641	19.15	32,778	1,581	20.73	34,197	1,524	22.43
32°F (0°C)	25,988	2,103	12.36	27,113	2,026	13.38	28,287	1,950	14.51	29,512	1,877	15.72	30,789	1,807	17.04	32,122	1,741	18.45	33,513	1,679	19.96
50°F (10°C)	25,468	2,293	11.11	26,571	2,210	12.02	27,721	2,126	13.04	28,922	2,047	14.13	30,174	1,970	15.31	31,480	1,899	16.58	32,843	1,831	17.94
68°F (20°C)	24,959	2,477	10.08	26,040	2,386	10.91	27,167	2,296	11.83	28,343	2,210	12.82	29,571	2,128	13.90	30,851	2,051	15.04	32,187	1,977	16.28
86°F (30°C)	24,460	2,649	9.23	25,519	2,552	10.00	26,624	2,456	10.84	27,777	2,364	11.75	28,979	2,276	12.73	30,234	2,193	13.78	31,543	2,114	14.92
95°F (35°C)	23,971	2,755	8.70	25,009	2,654	9.42	26,092	2,554	10.21	27,221	2,459	11.07	28,400	2,367	12.00	29,630	2,281	12.99	30,912	2,199	14.06
104°F (40°C)	23,492	2,865	8.20	24,509	2,761	8.88	25,570	2,657	9.63	26,677	2,557	10.43	27,832	2,462	11.31	29,037	2,372	12.24	30,294	2,287	13.25
110°F (43°C)	23,257	2,924	7.95	24,264	2,817	8.61	25,314	2,711	9.34	26,410	2,609	10.12	27,554	2,512	10.97	28,747	2,421	11.87	29,992	2,334	12.85
115°F (46°C)	23,024	3,012	7.64	24,021	2,902	8.28	25,061	2,793	8.97	26,146	2,688	9.73	27,278	2,588	10.54	28,459	2,494	11.41	29,692	2,405	12.35

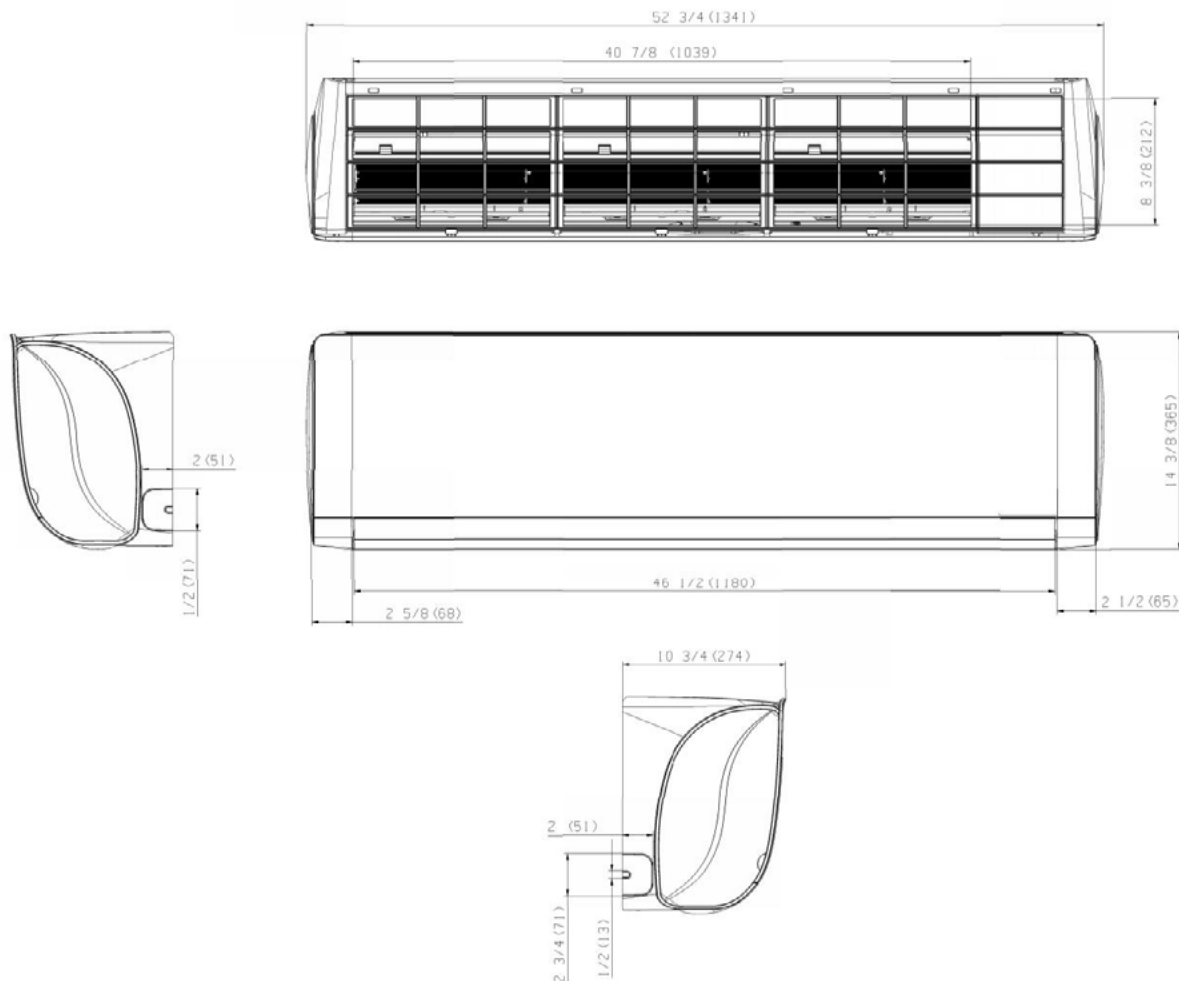
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q3036FF2BEA



Note: Dimensions are shown in inches (millimeters)

QS30WB2BEA



Note: Dimensions are shown in inches (millimeters)

Job Name: _____

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Drawing #: _____



Outdoor Model:
1Q3036FF2BEA



Indoor Model:
US30LB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30WA
Side Wind Baffle	UASWB30WA
Back Wind Baffle	UAWB30WA
Top Cover	UATC35WA
Central Controller	UACT32A

Indoor Accessories

Cassette Panel (Required)	QALCP01WA
Wired Controller	QACT17B
Refrigerant Detection Sensor (RDS)	UALS01A
Remote Controller	WJ26X35394

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Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23 ~ 115°F (-5 ~ 46°C)
	Cooling (With Wind Baffle or Top Cover)	-40 ~ 115°F (-40 ~ 46°C)
	Heating	-15 ~ 75°F (-26 ~ 24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	30,000
	Capacity Range Btu/hr	6,000-31,000
	SEER2 / EER2	19 / 11.2
	Rated Power Input W	3,333
	Moisture Removal Pt./hr	9.8
Heating	Rated Heating Capacity 47°F Btu/hr	30,000
	Heating Capacity Range Btu/hr	6,500-32,000
	COP 5°F	1.8
	HSPF2 (IV)	10
	Rated Power Input W	2,586
Outdoor Unit	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	35
	Minimum Circuit Amp A	25
	Outdoor Noise Level dB	64
	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: H x W x D in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
	Weight (Net/Ship) - lbs (kg)	147.84/166.59 (67/75.5)
Indoor Unit	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	1247/1200/1033/873/650
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	800/730/650/550/450
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	58/56/51/46/44
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	1247/1200/1033/873/650
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	800/730/650/550/450
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	57/55/50/45/43
	Dimension: H x W x D in (mm)	9 3/4 x 33 x 33 (248 x 840 x 840)
	Carton Dimension: H x W x D in (mm)	12 3/8 x 38 1/2 x 38 1/2 (315 x 978 x 978)
	Weight (Net/Ship) - lbs (kg)	56.22/85.32 (25.5/38.7)
	Drain Pipe Size O.D in	1*
	Max. Drain-Lift Height in (mm)	39 3/8 (1000)
	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
Refrigerant Lines	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)
	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8
	Suction O.D. in	3/4 (use 5/8" to 3/4" adaptor shipped with outdoor unit)
	Factory Charge Oz	88.2
	Maximum Line Length Ft / m	165/50
	Maximum Height Ft / m	100/30

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

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

1Q3036FF2BEA / US30LB2BEA

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)	14,775	2,287	1.89	13,890	2,334	1.74	13,473	2,382	1.66	13,068	2,430	1.58	12,675	2,480	1.50	12,294	2,531	1.42	11,557	2,582	1.31
-5°F (-21°C)	17,791	2,506	2.08	16,725	2,557	1.92	16,222	2,609	1.82	15,735	2,662	1.73	15,261	2,717	1.65	14,803	2,772	1.57	13,916	2,829	1.44
0°F (-18°C)	20,805	2,705	2.25	19,559	2,761	2.08	18,971	2,817	1.97	18,401	2,874	1.88	17,848	2,933	1.78	17,311	2,993	1.70	16,274	3,054	1.56
5°F (-15°C)	27,136	3,678	2.16	25,511	3,753	1.99	24,744	3,830	1.89	24,000	3,908	1.80	23,278	3,988	1.71	22,578	4,069	1.63	21,226	4,152	1.50
14°F (-10°C)	24,723	2,684	2.70	23,243	2,739	2.49	22,544	2,795	2.36	21,866	2,852	2.25	21,208	2,910	2.14	20,571	2,970	2.03	19,339	3,030	1.87
23°F (-5°C)	27,437	2,266	3.55	25,794	2,313	3.27	25,018	2,360	3.11	24,266	2,408	2.95	23,536	2,457	2.81	22,828	2,507	2.67	21,461	2,559	2.46
32°F (0°C)	28,341	2,188	3.80	26,643	2,232	3.50	25,842	2,278	3.33	25,065	2,324	3.16	24,312	2,372	3.00	23,581	2,420	2.86	22,169	2,469	2.63
41°F (5°C)	31,055	2,169	4.20	29,195	2,213	3.87	28,317	2,258	3.68	27,466	2,304	3.49	26,640	2,351	3.32	25,839	2,399	3.16	24,292	2,448	2.91
47°F (8°C)	33,920	2,434	4.08	31,889	2,484	3.76	30,930	2,534	3.58	30,000	2,586	3.40	29,098	2,639	3.23	28,223	2,693	3.07	26,533	2,748	2.83
55°F (13°C)	33,073	2,070	4.68	31,093	2,112	4.31	30,158	2,155	4.10	29,251	2,199	3.90	28,372	2,244	3.71	27,519	2,290	3.52	25,871	2,337	3.24
65°F (18°C)	34,599	1,754	5.78	32,527	1,790	5.33	31,549	1,827	5.06	30,601	1,864	4.81	29,681	1,902	4.57	28,788	1,941	4.35	27,064	1,980	4.01
75°F (24°C)	36,294	1,899	5.60	34,121	1,938	5.16	33,095	1,978	4.90	32,100	2,018	4.66	31,135	2,059	4.43	30,198	2,101	4.21	28,390	2,144	3.88

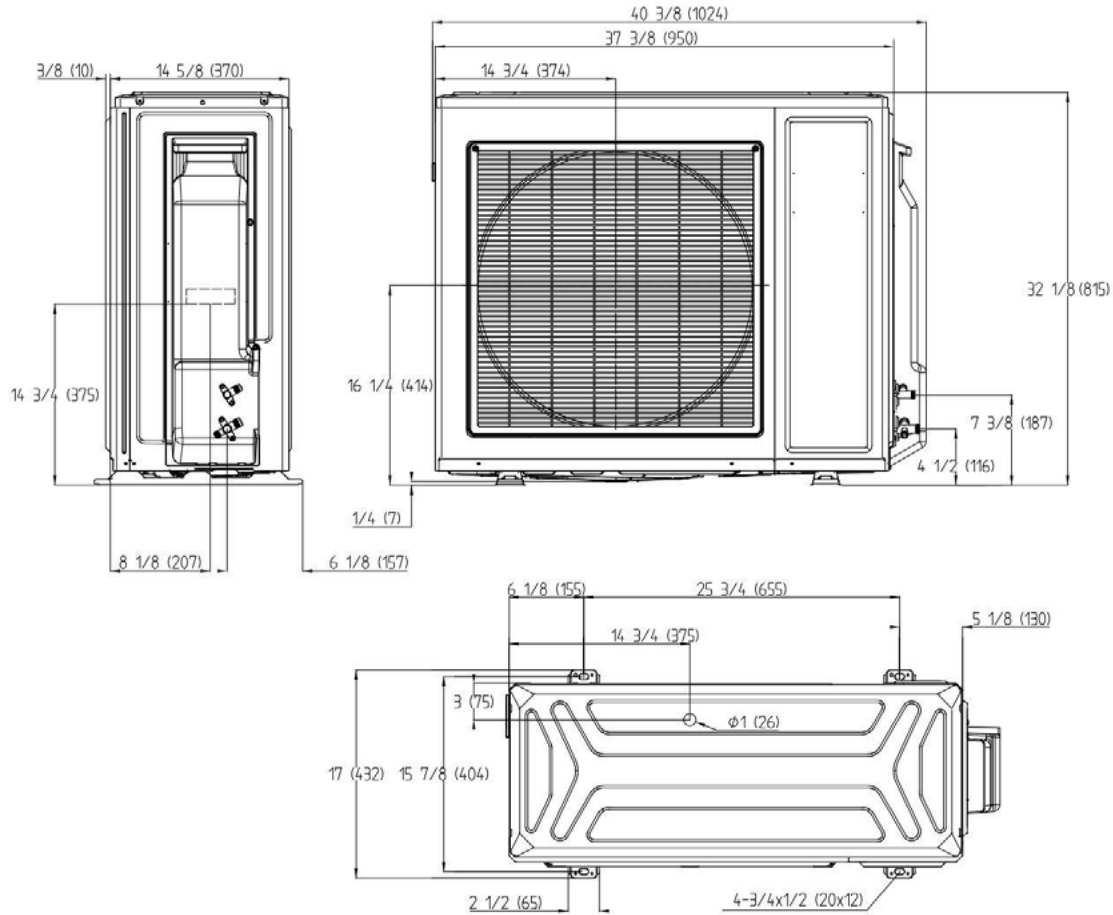
Cooling Capacity Data

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)	18,549	1,283	14.46	19,352	1,236	15.66	20,190	1,189	16.97	21,064	1,145	18.40	21,976	1,102	19.94	22,927	1,062	21.59	23,920	1,024	23.36
-22°F (-30°C)	18,862	1,309	14.41	19,679	1,261	15.60	20,531	1,214	16.92	21,420	1,168	18.34	22,347	1,125	19.87	23,315	1,084	21.51	24,324	1,045	23.28
-15°F (-26°C)	19,181	1,336	14.36	20,011	1,287	15.55	20,878	1,238	16.86	21,782	1,192	18.27	22,725	1,148	19.80	23,709	1,106	21.44	24,735	1,066	23.20
-4°F (-20°C)	19,505	1,363	14.31	20,350	1,313	15.50	21,231	1,264	16.80	22,150	1,216	18.21	23,109	1,171	19.73	24,109	1,129	21.36	25,153	1,088	23.12
5°F (-15°C)	19,835	1,391	14.26	20,693	1,340	15.44	21,589	1,290	16.74	22,524	1,241	18.15	23,499	1,195	19.67	24,517	1,152	21.29	25,578	1,110	23.04
14°F (-10°C)	20,170	1,419	14.21	21,043	1,367	15.39	21,954	1,316	16.68	22,905	1,267	18.08	23,897	1,219	19.60	24,931	1,175	21.22	26,011	1,133	22.96
23°F (-5°C)	20,511	1,448	14.16	21,399	1,395	15.34	22,325	1,343	16.63	23,292	1,292	18.02	24,300	1,244	19.53	25,353	1,199	21.14	26,450	1,156	22.88
32°F (0°C)	22,537	1,707	13.21	23,513	1,644	14.30	24,531	1,582	15.50	25,593	1,523	16.80	26,701	1,466	18.21	27,857	1,413	19.71	29,063	1,362	21.33
50°F (10°C)	26,334	1,913	13.76	27,474	1,844	14.90	28,664	1,774	16.16	29,905	1,708	17.51	31,200	1,644	18.98	32,551	1,584	20.54	33,960	1,527	22.23
68°F (20°C)	28,108	2,689	10.45	29,325	2,591	11.32	30,594	2,494	12.27	31,919	2,400	13.30	33,301	2,311	14.41	34,743	2,227	15.60	36,247	2,147	16.88
86°F (30°C)	26,208	3,465	7.56	27,342	3,339	8.19	28,526	3,213	8.88	29,761	3,093	9.62	31,050	2,977	10.43	32,394	2,869	11.29	33,797	2,766	12.22
95°F (35°C)	25,322	3,879	6.53	26,418	3,738	7.07	27,562	3,597	7.66	28,755	3,462	8.31	30,000	3,333	9.00	31,299	3,212	9.74	32,654	3,097	10.55
104°F (40°C)	21,776	3,724	5.85	22,719	3,588	6.33	23,703	3,453	6.86	24,729	3,324	7.44	25,800	3,200	8.06	26,917	3,083	8.73	28,082	2,973	9.45
110°F (43°C)	21,270	4,034	5.27	22,191	3,887	5.71	23,152	3,740	6.19	24,154	3,600	6.71	25,200	3,466	7.27	26,291	3,340	7.87	27,429	3,220	8.52
115°F (46°C)	20,511	4,189	4.90	21,399	4,036	5.30	22,326	3,884	5.75	23,292	3,739	6.23	24,301	3,599	6.75	25,353	3,469	7.31	26,451	3,344	7.91

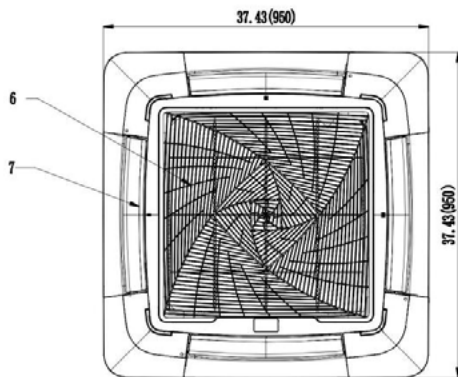
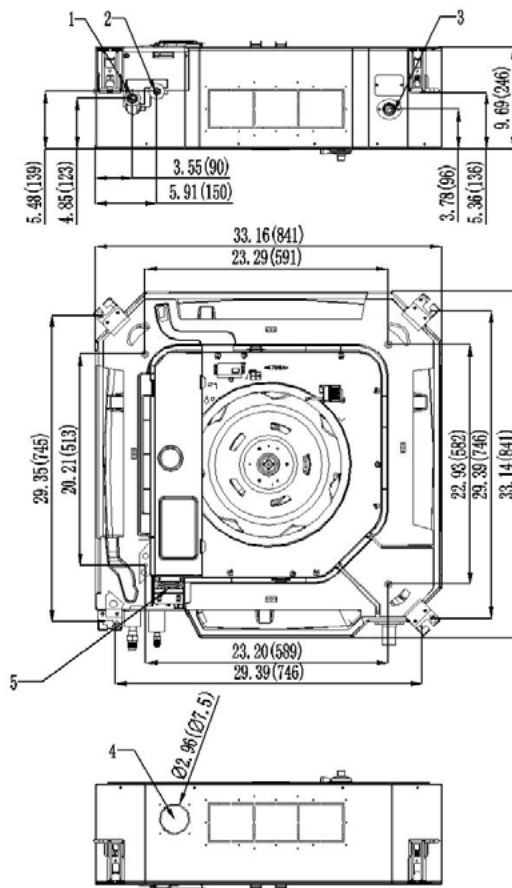
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q3036FF2BEA



Note: Dimensions are shown in inches (millimeters)

US30LB2BEA



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

Note: Dimensions are shown in inches (millimeters)

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q3036FF2BEA



Indoor Model:
US30MB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30WA
Side Wind Baffle	UASWB30WA
Back Wind Baffle	UAWB30WA
Top Cover	UATC35WA
Central Controller	UACT32A

Indoor Accessories

Wired Controller	QACT17B
Supply Plenum	UAPT3048A
MERV Return Air Filter Box	UAMFB3048A

Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23 ~ 115°F (-5 ~ 46°C)
	Cooling (With Wind Baffle or Top Cover)	-40 ~ 115°F (-40 ~ 46°C)
Power	Heating	-15 ~ 75°F (-26 ~ 24°C)
	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
Cooling	Operating Voltage Range	187-253 VAC
	Rated Capacity Btu/hr	30,000
	Capacity Range Btu/hr	6,000-31,000
	SEER2 / EER2	17 / 10.3
	Rated Power Input W	3,000
Heating	Moisture Removal Pt./hr	5.2
	Rated Heating Capacity 47°F Btu/hr	32,000
	Heating Capacity Range Btu/hr	6,500-32,500
	COP 5°F	1.8
	HSPF2 (IV)	9.4
Outdoor Unit	Rated Power Input W	2,758
	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	35
	Minimum Circuit Amp A	25
	Outdoor Noise Level dB	64
	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: H x W x D in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	147.84/166.59 (67/75.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	1236/1130/953/812/688
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1010/970/850/760/700
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	47/46/42/39/36
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	1236/1130/953/812/688
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1010/970/850/760/700
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	48/47/41/38/35
	Dimension: H x W x D in (mm)	9 3/4 x 59 x 27 1/2 (248 x 1500 x 700)
	Carton Dimension: H x W x D in (mm)	13 7/8 x 67 3/8 x 34 (353 x 1712 x 860)
	Weight (Net/Ship) - lbs (kg)	115.08/158.29 (52.2/71.8)
	Max. External Static Pressure in.W.G (Pa)	0.6 (150)
	Drain Pipe Size O.D in	1*
	Max. Drain-Lift Height in (mm)	27 1/2 (700)
Refrigerant Lines	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes
	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8
	Suction O.D. in	3/4 (use 5/8" to 3/4" adaptor shipped with outdoor unit)
	Factory Charge Oz	88.18
	Maximum Line Length Ft / m	165/50
	Maximum Height Ft / m	100/30

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

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

1Q3036FF2BEA / US30MB2BEA

Heating Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60			64			68			70			72			75			79		
	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP
-15°F (-26°C)	16,643	2,740	1.78	15,647	2,796	1.64	15,176	2,853	1.56	14,720	2,911	1.48	14,277	2,970	1.41	13,848	3,031	1.34	13,019	3,093	1.23
-5°F (-21°C)	20,985	3,364	1.83	19,728	3,433	1.68	19,135	3,503	1.60	18,560	3,575	1.52	18,002	3,648	1.45	17,461	3,722	1.37	16,415	3,798	1.27
0°F (-18°C)	23,518	3,489	1.98	22,110	3,560	1.82	21,445	3,633	1.73	20,800	3,707	1.64	20,175	3,783	1.56	19,568	3,860	1.49	18,396	3,939	1.37
5°F (-15°C)	28,945	3,923	2.16	27,212	4,003	1.99	26,394	4,085	1.89	25,600	4,168	1.80	24,830	4,253	1.71	24,084	4,340	1.63	22,641	4,428	1.50
14°F (-10°C)	28,945	3,674	2.31	27,212	3,749	2.13	26,394	3,826	2.02	25,600	3,904	1.92	24,830	3,983	1.83	24,084	4,065	1.74	22,641	4,148	1.60
23°F (-5°C)	32,563	3,550	2.69	30,613	3,622	2.48	29,692	3,696	2.35	28,800	3,772	2.24	27,934	3,849	2.13	27,094	3,927	2.02	25,471	4,007	1.86
32°F (0°C)	33,650	3,426	2.88	31,635	3,495	2.65	30,684	3,567	2.52	29,761	3,640	2.40	28,866	3,714	2.28	27,998	3,790	2.17	26,321	3,867	1.99
41°F (5°C)	38,382	3,023	3.72	36,084	3,085	3.43	34,999	3,148	3.26	33,947	3,212	3.10	32,926	3,278	2.94	31,936	3,345	2.80	30,023	3,413	2.58
47°F (8°C)	36,181	2,596	4.09	34,015	2,649	3.76	32,992	2,703	3.58	32,000	2,758	3.40	31,038	2,814	3.23	30,105	2,872	3.07	28,302	2,930	2.83
55°F (13°C)	35,458	2,486	4.18	33,335	2,536	3.85	32,332	2,588	3.66	31,360	2,641	3.48	30,417	2,695	3.31	29,503	2,750	3.14	27,736	2,806	2.90
65°F (18°C)	36,543	2,307	4.64	34,355	2,354	4.28	33,322	2,402	4.07	32,320	2,451	3.86	31,348	2,501	3.67	30,406	2,552	3.49	28,585	2,604	3.22
75°F (24°C)	39,076	2,501	4.58	36,736	2,552	4.22	35,631	2,604	4.01	34,560	2,657	3.81	33,520	2,711	3.62	32,513	2,766	3.44	30,566	2,823	3.17

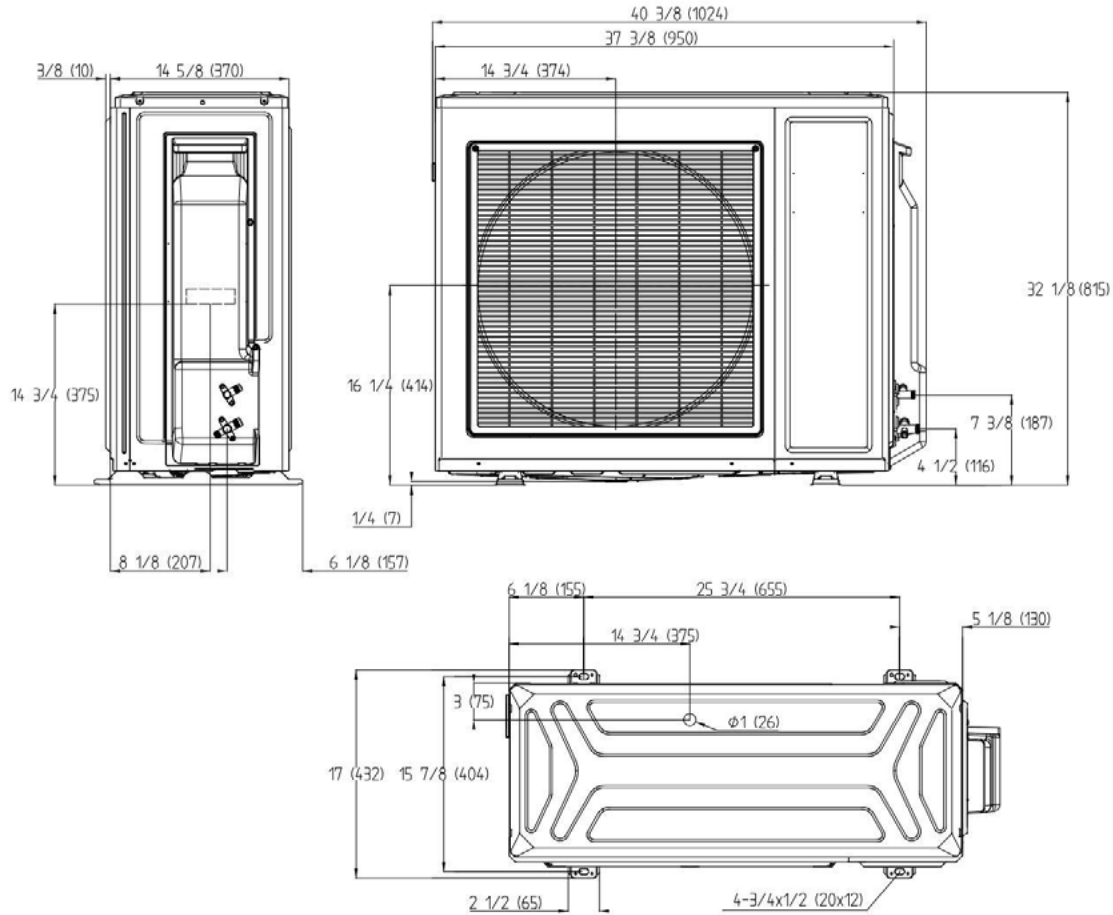
Cooling Capacity Data

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)	18,777	1,237	15.18	19,590	1,192	16.43	20,438	1,147	17.82	21,323	1,104	19.31	22,246	1,063	20.93	23,209	1,024	22.66	24,214	988	24.52
-22°F (-30°C)	19,094	1,262	15.13	19,921	1,216	16.38	20,783	1,170	17.76	21,683	1,127	19.25	22,622	1,085	20.86	23,601	1,045	22.58	24,623	1,008	24.44
-15°F (-26°C)	19,417	1,288	15.07	20,257	1,241	16.32	21,134	1,194	17.70	22,050	1,150	19.18	23,004	1,107	20.79	24,000	1,067	22.50	25,039	1,028	24.35
-4°F (-20°C)	19,745	1,314	15.02	20,600	1,266	16.27	21,492	1,219	17.63	22,422	1,173	19.11	23,393	1,129	20.71	24,406	1,088	22.42	25,462	1,049	24.27
5°F (-15°C)	20,079	1,341	14.97	20,948	1,292	16.21	21,855	1,244	17.57	22,801	1,197	19.05	23,788	1,152	20.64	24,818	1,111	22.35	25,893	1,071	24.18
14°F (-10°C)	20,418	1,369	14.92	21,302	1,319	16.15	22,224	1,269	17.51	23,186	1,221	18.98	24,190	1,176	20.57	25,238	1,133	22.27	26,330	1,092	24.10
23°F (-5°C)	20,763	1,396	14.87	21,662	1,346	16.10	22,600	1,295	17.45	23,578	1,246	18.92	24,599	1,200	20.50	25,664	1,156	22.19	26,775	1,115	24.02
32°F (0°C)	23,295	1,536	15.17	24,304	1,480	16.42	25,356	1,424	17.80	26,454	1,371	19.30	27,599	1,320	20.91	28,794	1,272	22.64	30,041	1,226	24.50
50°F (10°C)	24,814	1,722	14.41	25,888	1,660	15.60	27,009	1,597	16.91	28,178	1,537	18.33	29,398	1,480	19.87	30,671	1,426	21.51	31,999	1,375	23.27
68°F (20°C)	26,840	2,421	11.09	28,002	2,332	12.01	29,215	2,244	13.02	30,480	2,160	14.11	31,799	2,080	15.29	33,176	2,004	16.55	34,612	1,932	17.91
86°F (30°C)	26,081	3,119	8.36	27,210	3,005	9.05	28,389	2,892	9.82	29,618	2,784	10.64	30,900	2,680	11.53	32,238	2,583	12.48	33,634	2,490	13.51
95°F (35°C)	25,322	3,492	7.25	26,418	3,364	7.85	27,562	3,237	8.51	28,755	3,116	9.23	30,000	3,000	10.00	31,299	2,891	10.83	32,654	2,787	11.72
104°F (40°C)	21,776	3,398	6.41	22,719	3,275	6.94	23,703	3,151	7.52	24,729	3,033	8.15	25,800	2,920	8.84	26,917	2,814	9.57	28,082	2,713	10.35
110°F (43°C)	20,763	3,631	5.72	21,662	3,499	6.19	22,600	3,367	6.71	23,578	3,241	7.28	24,599	3,120	7.88	25,664	3,007	8.54	26,776	2,899	9.24
115°F (46°C)	19,750	3,864	5.11	20,605	3,723	5.53	21,497	3,583	6.00	22,428	3,448	6.50	23,399	3,320	7.05	24,412	3,199	7.63	25,469	3,084	8.26

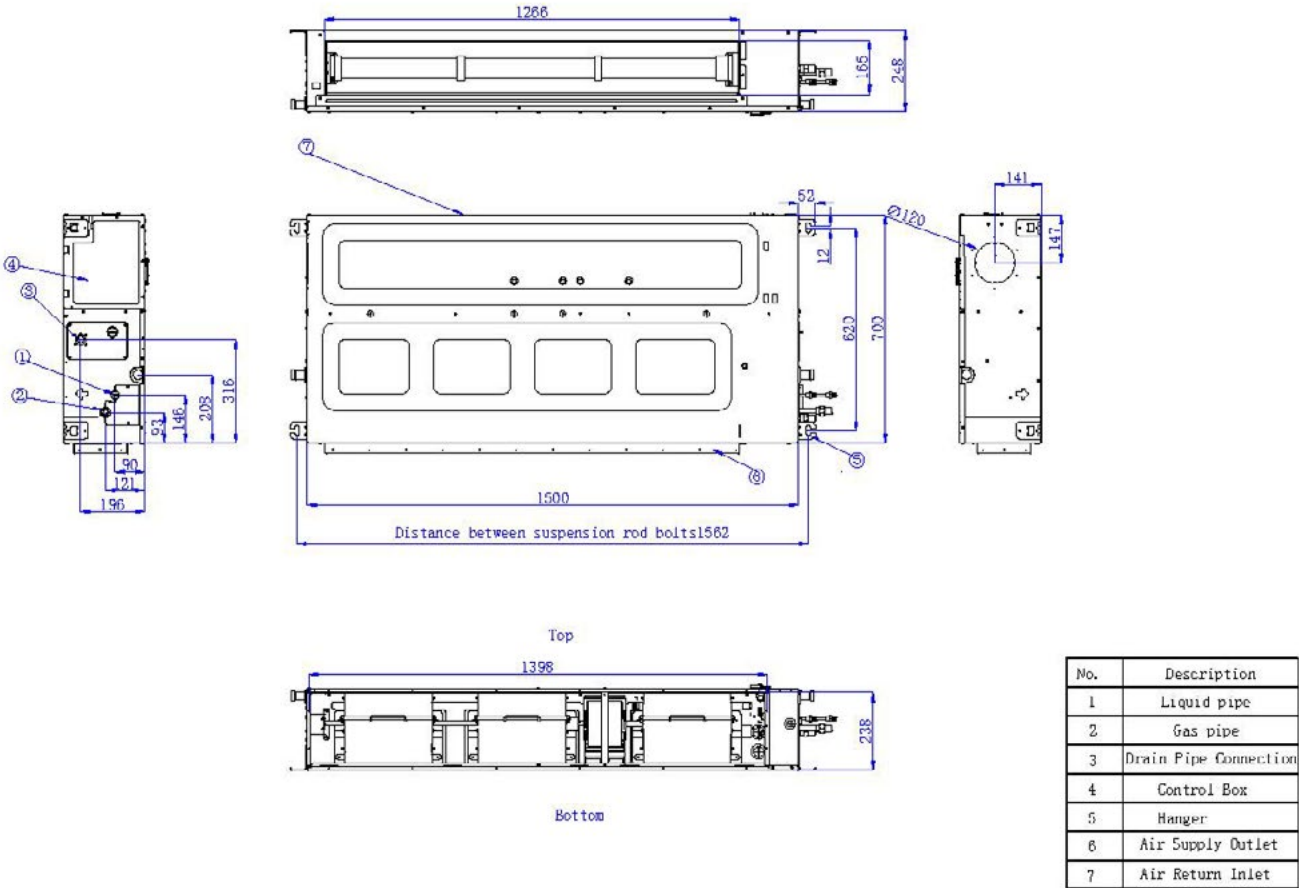
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q3036FF2BEA



Note: Dimensions are shown in inches (millimeters)

US30MB2BEA



Note: Dimensions are shown in millimeters

SUBMITTAL REVISION HISTORY

05-14-25: Submittal release.

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q3036FF2BEA



Indoor Model:
QS36WB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30WA
Side Wind Baffle	UASWB30WA
Back Wind Baffle	UAWB30WA
Top Cover	UATC35WA
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	32,400
	Capacity Range Btu/hr	6,000-33,500
	SEER2 / EER2	18 / 9.8
	Rated Power Input W	3,306
Heating	Moisture Removal Pt./hr	7.3
	Rated Heating Capacity 47°F Btu/hr	36,000
	Heating Capacity Range Btu/hr	6,500-37,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV)	9.5
	Rated Power Input W	3,197
	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	35
Indoor Unit	Minimum Circuit Amp A	25
	Outdoor Noise Level dB	64
	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: H x W x D in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	147.84/166.59 (67/75.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	840/765/690/550/470
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1300/1200/1000/800/700
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	56/54/50/44/40
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	840/765/690/550/470
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1300/1200/1000/800/700
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	56/54/50/44/40
	Dimension: H x W x D in (mm)	14 3/8 x 52 3/4 x 10 3/4 (365 x 1341 x 274)
	Carton Dimension: H x W x D in (mm)	15 5/8 x 55 7/8 x 18 7/8 (396 x 1418 x 478)
	Weight (Net/Ship) - lbs (kg)	46.34/56.27 (21/25.5)
Refrigerant Lines	Drain Pipe Size O.D in	5/8
	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)
Refrigerant Lines	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8
	Suction O.D. in	5/8
Refrigerant Lines	Factory Charge Oz	88.2
	Maximum Line Length Ft / m	165/50
	Maximum Height Ft / m	100/30

For more information visit us:

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

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

1Q3036FF2BEA/ QS36WB2BEA

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)	20,977	3,124	1.97	19,721	3,187	1.81	19,128	3,253	1.72	18,553	3,319	1.64	17,995	3,387	1.56	17,454	3,456	1.48	16,409	3,526	1.36
-5°F (-21°C)	23,706	3,435	2.02	22,286	3,505	1.86	21,616	3,577	1.77	20,966	3,650	1.68	20,336	3,724	1.60	19,724	3,800	1.52	18,543	3,878	1.40
0°F (-18°C)	25,128	3,641	2.02	23,623	3,716	1.86	22,913	3,792	1.77	22,224	3,869	1.68	21,556	3,948	1.60	20,908	4,028	1.52	19,656	4,111	1.40
5°F (-15°C)	27,136	3,678	2.16	25,511	3,753	1.99	24,744	3,830	1.89	24,000	3,908	1.80	23,278	3,988	1.71	22,578	4,069	1.63	21,226	4,152	1.50
14°F (-10°C)	28,764	3,693	2.28	27,042	3,768	2.10	26,229	3,845	2.00	25,440	3,924	1.90	24,675	4,004	1.81	23,933	4,085	1.72	22,500	4,169	1.58
23°F (-5°C)	30,490	3,708	2.41	28,664	3,783	2.22	27,802	3,861	2.11	26,966	3,939	2.01	26,155	4,020	1.91	25,369	4,102	1.81	23,850	4,186	1.67
32°F (0°C)	32,319	3,548	2.67	30,384	3,621	2.46	29,470	3,694	2.34	28,584	3,770	2.22	27,725	3,847	2.11	26,891	3,925	2.01	25,281	4,005	1.85
41°F (5°C)	34,258	3,226	3.11	32,207	3,291	2.87	31,238	3,359	2.73	30,299	3,427	2.59	29,388	3,497	2.46	28,504	3,568	2.34	26,797	3,641	2.16
47°F (8°C)	40,704	3,009	3.96	38,267	3,070	3.65	37,116	3,133	3.47	36,000	3,197	3.30	34,918	3,262	3.14	33,868	3,329	2.98	31,839	3,397	2.75
55°F (13°C)	41,924	3,024	4.06	39,414	3,086	3.74	38,228	3,149	3.56	37,079	3,213	3.38	35,964	3,279	3.21	34,883	3,346	3.06	32,794	3,414	2.82
65°F (18°C)	43,181	3,039	4.16	40,595	3,101	3.84	39,374	3,165	3.65	38,190	3,229	3.47	37,042	3,295	3.29	35,928	3,362	3.13	33,777	3,431	2.89
75°F (24°C)	44,475	3,055	4.27	41,812	3,117	3.93	40,554	3,181	3.74	39,335	3,245	3.55	38,152	3,312	3.38	37,005	3,379	3.21	34,789	3,448	2.96

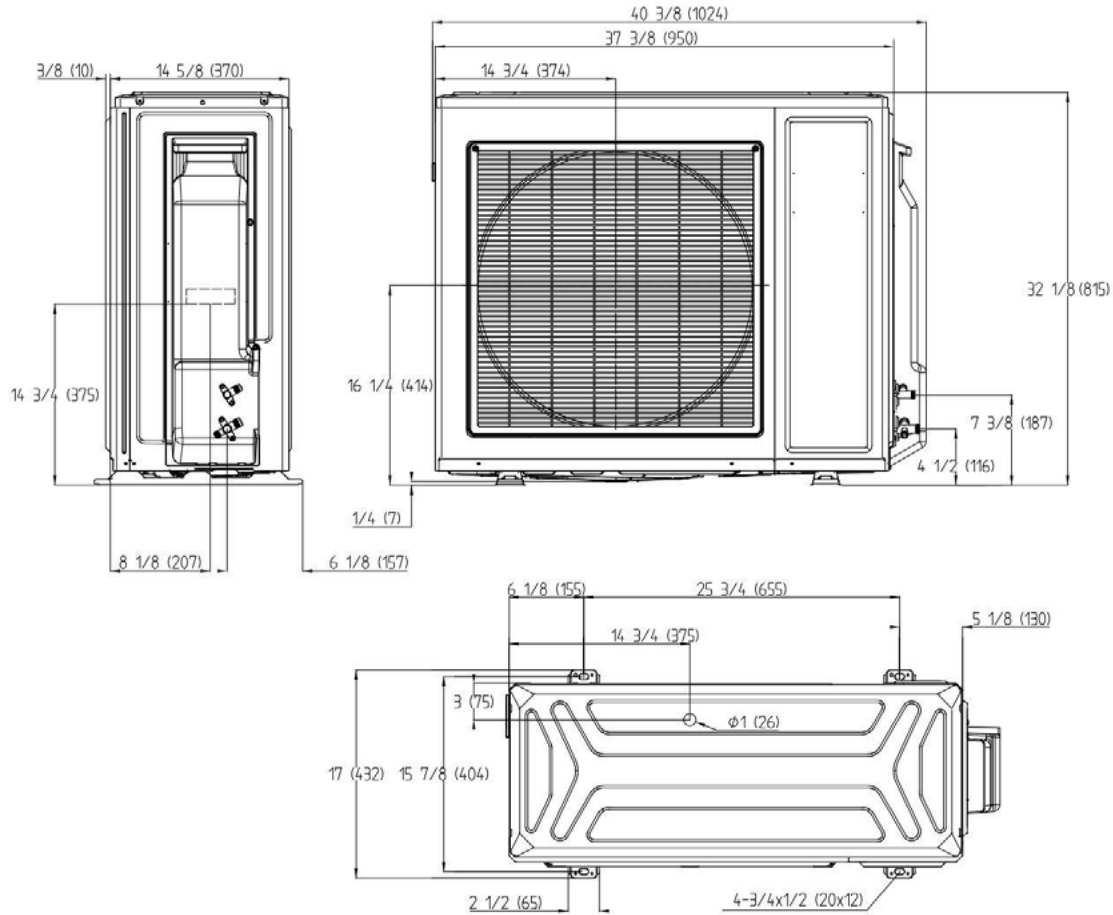
Cooling Capacity Data

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)	27,359	2,363	11.58	28,543	2,276	12.54	29,779	2,191	13.59	31,068	2,109	14.73	32,414	2,030	15.97	33,817	1,956	17.29	35,281	1,886	18.71
-22°F (-30°C)	27,821	2,411	11.54	29,026	2,323	12.50	30,282	2,235	13.55	31,594	2,152	14.68	32,961	2,071	15.91	34,389	1,996	17.23	35,877	1,924	18.64
-15°F (-26°C)	28,291	2,460	11.50	29,516	2,370	12.45	30,794	2,281	13.50	32,127	2,196	14.63	33,518	2,114	15.86	34,970	2,037	17.17	36,484	1,964	18.58
-4°F (-20°C)	28,769	2,510	11.46	30,015	2,419	12.41	31,315	2,327	13.45	32,670	2,240	14.58	34,085	2,157	15.80	35,561	2,079	17.11	37,100	2,004	18.52
5°F (-15°C)	29,256	2,561	11.42	30,522	2,468	12.37	31,844	2,375	13.41	33,223	2,286	14.53	34,661	2,201	15.75	36,162	2,121	17.05	37,727	2,045	18.45
14°F (-10°C)	29,750	2,614	11.38	31,038	2,518	12.32	32,382	2,423	13.36	33,784	2,333	14.48	35,247	2,246	15.70	36,773	2,164	16.99	38,365	2,086	18.39
23°F (-5°C)	30,253	2,667	11.34	31,563	2,570	12.28	32,929	2,473	13.32	34,355	2,380	14.43	35,842	2,292	15.64	37,394	2,208	16.93	39,013	2,129	18.32
32°F (0°C)	29,648	2,937	10.09	30,932	2,830	10.93	32,271	2,723	11.85	33,668	2,622	12.84	35,126	2,524	13.92	36,647	2,432	15.07	38,233	2,345	16.31
50°F (10°C)	29,055	3,203	9.07	30,313	3,086	9.82	31,626	2,970	10.65	32,995	2,859	11.54	34,424	2,752	12.51	35,914	2,652	13.54	37,469	2,557	14.65
68°F (20°C)	28,474	3,459	8.23	29,707	3,333	8.91	30,993	3,207	9.66	32,335	3,087	10.47	33,735	2,972	11.35	35,196	2,864	12.29	36,720	2,761	13.30
86°F (30°C)	27,905	3,700	7.54	29,113	3,565	8.17	30,374	3,430	8.85	31,689	3,302	9.60	33,061	3,179	10.40	34,492	3,063	11.26	35,986	2,953	12.19
95°F (35°C)	27,347	3,848	7.11	28,531	3,708	7.70	29,767	3,568	8.34	31,055	3,434	9.04	32,400	3,306	9.80	33,803	3,186	10.61	35,266	3,071	11.48
104°F (40°C)	26,801	4,002	6.70	27,961	3,856	7.25	29,172	3,711	7.86	30,435	3,572	8.52	31,752	3,438	9.23	33,127	3,314	10.00	34,561	3,194	10.82
110°F (43°C)	26,533	4,083	6.50	27,681	3,935	7.04	28,880	3,786	7.63	30,130	3,644	8.27	31,435	3,509	8.96	32,796	3,381	9.70	34,216	3,260	10.50
115°F (46°C)	26,267	4,207	6.24	27,405	4,054	6.76	28,591	3,901	7.33	29,829	3,755	7.94	31,120	3,615	8.61	32,468	3,484	9.32	33,874	3,358	10.09

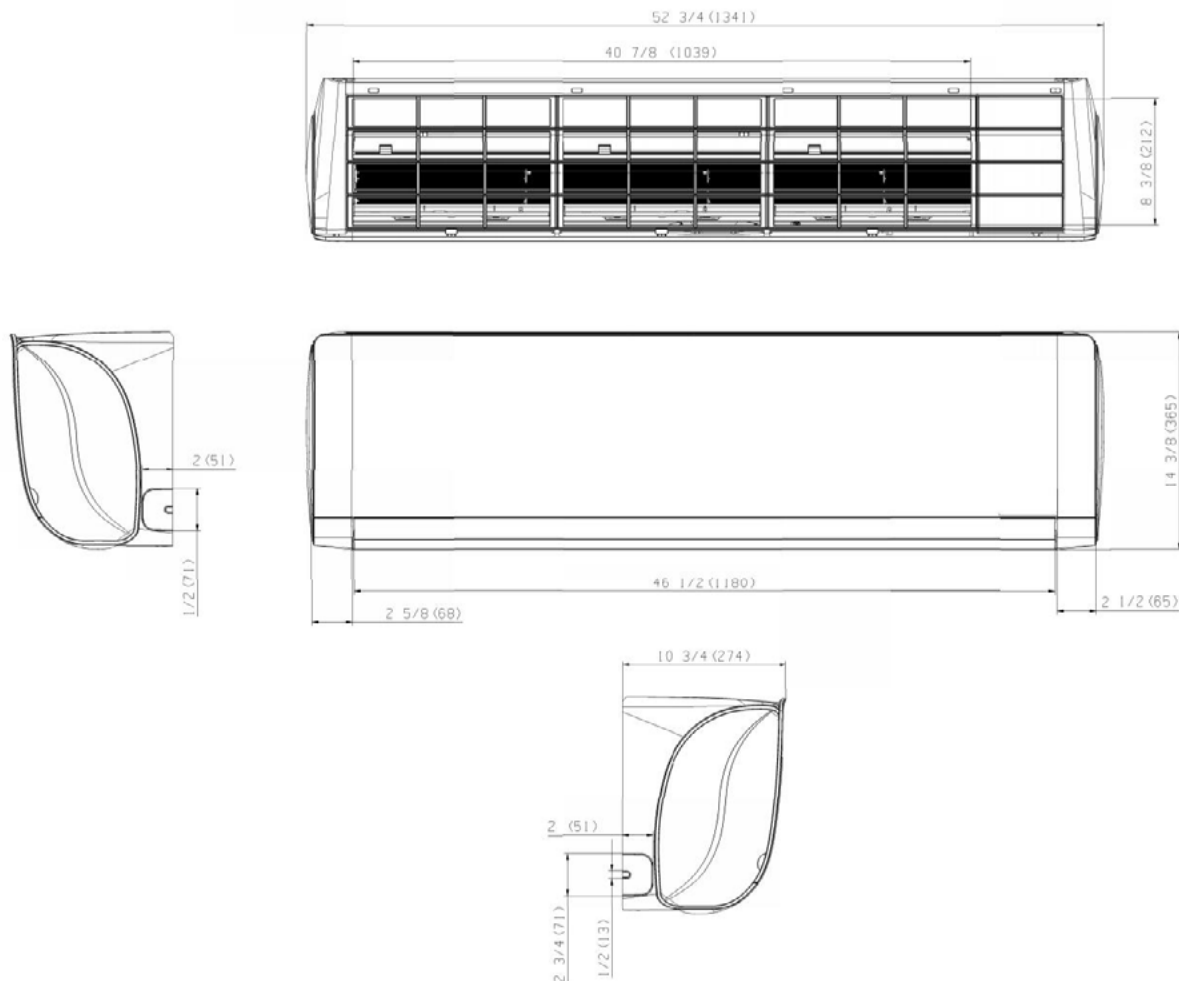
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q3036FF2BEA



Note: Dimensions are shown in inches (millimeters)

QS36WB2BEA



Note: Dimensions are shown in inches (millimeters)

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q3036FF2BEA



Indoor Model:
US36LB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30WA
Side Wind Baffle	UASWB30WA
Back Wind Baffle	UAWB30WA
Top Cover	UATC35WA
Central Controller	UACT32A

Indoor Accessories

Cassette Panel (Required)	QALCP01WA
Wired Controller	QACT17B
Refrigerant Detection Sensor (RDS)	UALS01A
Remote Controller	WJ26X35394

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Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23 ~ 115°F (-5 ~ 46°C)
	Cooling (With Wind Baffle or Top Cover)	-40 ~ 115°F (-40 ~ 46°C)
	Heating	-15 ~ 75°F (-26 ~ 24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	33,800
	Capacity Range Btu/hr	6,000-34,000
	SEER2 / EER2	18.8 / 10.6
	Rated Power Input W	3,756
	Moisture Removal Pt./hr	9.8
Heating	Rated Heating Capacity 47°F Btu/hr	35,000
	Heating Capacity Range Btu/hr	6,500-36,000
	COP 5°F	1.8
	HSPF2 (IV)	9.3
	Rated Power Input W	3,206
Outdoor Unit	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	35
	Minimum Circuit Amp A	25
	Outdoor Noise Level dB	64
	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: H x W x D in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
	Weight (Net/Ship) - lbs (kg)	147.84/166.59 (67/75.5)
Indoor Unit	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	1247/1200/1033/873/650
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	800/730/650/550/450
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	59/57/52/47/45
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	1247/1200/1033/873/650
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	800/730/650/550/450
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	58/56/51/46/44
	Dimension: H x W x D in (mm)	9 3/4 x 33 x 33 (248 x 840 x 840)
	Carton Dimension: H x W x D in (mm)	12 3/8 x 38 1/2 x 38 1/2 (315 x 978 x 978)
	Weight (Net/Ship) - lbs (kg)	56.22/85.32 (25.5/38.7)
	Drain Pipe Size O.D in	1*
	Max. Drain-Lift Height in (mm)	39 3/8 (1000)
	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes (UALS01A, sold separately)
Refrigerant Lines	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8
	Suction O.D. in	3/4 (use 5/8" to 3/4" adaptor shipped with outdoor unit)
	Factory Charge Oz	88.2
	Maximum Line Length Ft / m	165/50
	Maximum Height Ft / m	100/30

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

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

1Q3036FF2BEA / US36LB2BEA

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)	15,083	2,335	1.89	14,180	2,382	1.74	13,753	2,431	1.66	13,340	2,481	1.58	12,939	2,531	1.50	12,550	2,583	1.42	11,798	2,636	1.31
-5°F (-21°C)	18,161	2,558	2.08	17,074	2,610	1.92	16,560	2,663	1.82	16,062	2,717	1.73	15,579	2,773	1.65	15,111	2,829	1.57	14,206	2,887	1.44
0°F (-18°C)	21,239	2,761	2.25	19,967	2,818	2.08	19,366	2,875	1.97	18,784	2,934	1.88	18,219	2,994	1.78	17,672	3,055	1.70	16,613	3,117	1.56
5°F (-15°C)	27,701	3,754	2.16	26,043	3,831	1.99	25,260	3,909	1.89	24,500	3,989	1.80	23,763	4,070	1.71	23,049	4,153	1.63	21,669	4,238	1.50
14°F (-10°C)	25,238	2,740	2.70	23,727	2,796	2.49	23,013	2,853	2.36	22,321	2,911	2.25	21,650	2,971	2.14	20,999	3,031	2.03	19,742	3,093	1.87
23°F (-5°C)	28,008	2,313	3.55	26,331	2,361	3.27	25,539	2,409	3.11	24,771	2,458	2.95	24,026	2,508	2.81	23,304	2,559	2.67	21,908	2,612	2.46
32°F (0°C)	28,931	2,233	3.80	27,199	2,278	3.50	26,381	2,325	3.33	25,588	2,372	3.16	24,818	2,421	3.00	24,072	2,470	2.86	22,630	2,521	2.63
41°F (5°C)	31,702	2,214	4.20	29,803	2,259	3.87	28,907	2,305	3.68	28,038	2,352	3.49	27,195	2,400	3.32	26,377	2,449	3.16	24,798	2,499	2.91
47°F (8°C)	39,574	3,017	3.84	37,204	3,079	3.54	36,085	3,142	3.37	35,000	3,206	3.20	33,948	3,271	3.04	32,927	3,338	2.89	30,955	3,406	2.66
55°F (13°C)	38,586	2,566	4.41	36,275	2,619	4.06	35,184	2,672	3.86	34,126	2,727	3.67	33,100	2,782	3.49	32,105	2,839	3.31	30,182	2,897	3.05
65°F (18°C)	40,366	2,175	5.44	37,949	2,219	5.01	36,807	2,265	4.76	35,701	2,311	4.53	34,627	2,358	4.30	33,586	2,406	4.09	31,575	2,455	3.77
75°F (24°C)	42,343	2,355	5.27	39,808	2,403	4.86	38,611	2,452	4.62	37,450	2,502	4.39	36,324	2,553	4.17	35,231	2,605	3.96	33,122	2,658	3.65

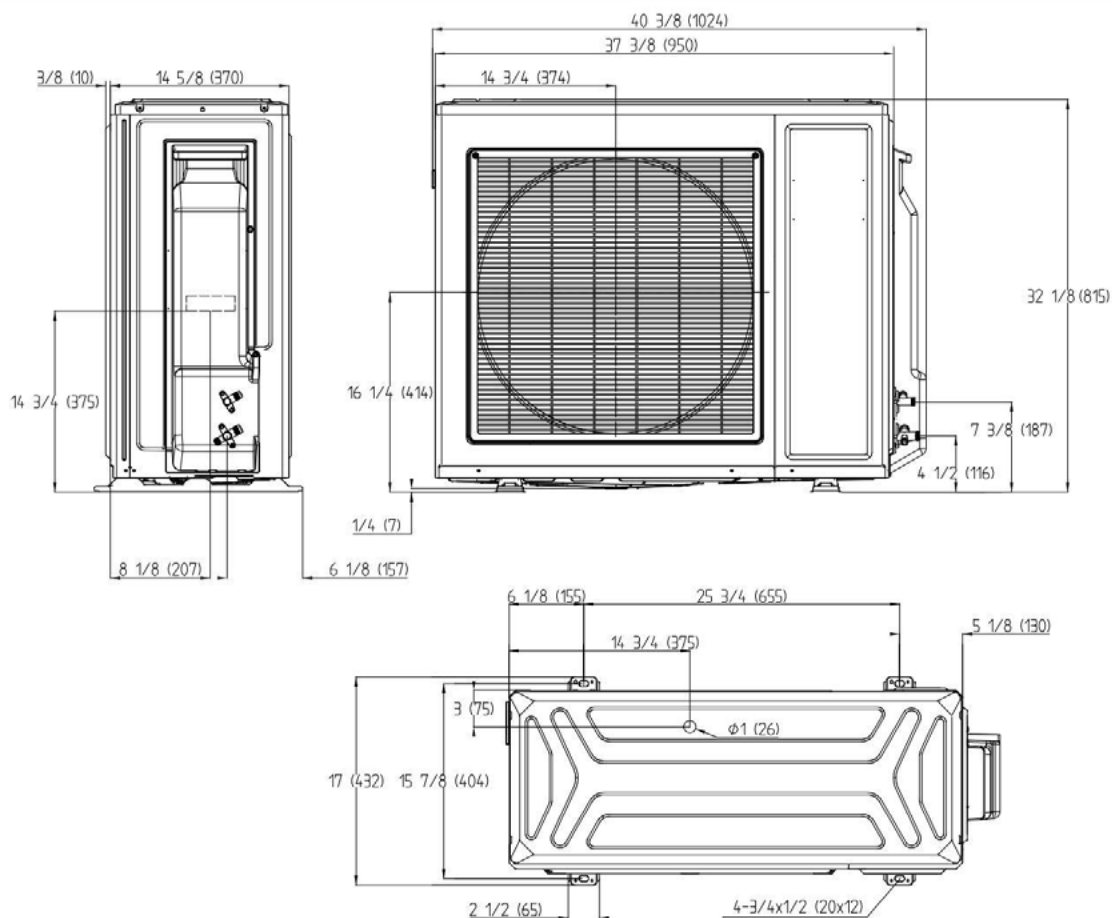
Cooling Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	64 / 53			68 / 57			72 / 61			77 / 64			80 / 67			82 / 70			86 / 72		
	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2
-40°F (-40°C)	20,898	1,446	14.46	21,803	1,393	15.65	22,747	1,340	16.97	23,732	1,290	18.39	24,759	1,242	19.93	25,831	1,197	21.58	26,950	1,154	23.35
-22°F (-30°C)	21,251	1,475	14.41	22,171	1,421	15.60	23,131	1,368	16.91	24,133	1,316	18.33	25,178	1,267	19.87	26,268	1,221	21.51	27,405	1,177	23.27
-15°F (-26°C)	21,610	1,505	14.36	22,546	1,450	15.55	23,522	1,396	16.85	24,541	1,343	18.27	25,603	1,293	19.80	26,712	1,246	21.43	27,868	1,202	23.19
-4°F (-20°C)	21,976	1,536	14.31	22,927	1,480	15.49	23,920	1,424	16.80	24,956	1,371	18.21	26,036	1,320	19.73	27,163	1,272	21.36	28,339	1,226	23.11
5°F (-15°C)	22,347	1,567	14.26	23,315	1,510	15.44	24,324	1,453	16.74	25,377	1,399	18.14	26,476	1,347	19.66	27,622	1,298	21.29	28,818	1,251	23.03
14°F (-10°C)	22,725	1,599	14.21	23,709	1,541	15.39	24,735	1,483	16.68	25,806	1,427	18.08	26,923	1,374	19.59	28,089	1,324	21.21	29,305	1,277	22.96
23°F (-5°C)	23,109	1,632	14.16	24,109	1,572	15.33	25,153	1,513	16.62	26,242	1,456	18.02	27,378	1,402	19.53	28,564	1,351	21.14	29,801	1,303	22.88
32°F (0°C)	25,391	1,923	13.20	26,491	1,853	14.30	27,638	1,783	15.50	28,834	1,716	16.80	30,083	1,652	18.20	31,385	1,593	19.71	32,744	1,535	21.33
50°F (10°C)	29,670	2,156	13.76	30,955	2,078	14.90	32,295	1,999	16.15	33,693	1,925	17.51	35,152	1,853	18.97	36,674	1,786	20.54	38,262	1,721	22.23
68°F (20°C)	31,668	3,031	10.45	33,039	2,920	11.31	34,470	2,810	12.27	35,962	2,705	13.30	37,519	2,604	14.41	39,144	2,510	15.60	40,839	2,419	16.88
86°F (30°C)	29,527	3,905	7.56	30,806	3,763	8.19	32,140	3,621	8.88	33,531	3,485	9.62	34,983	3,355	10.43	36,498	3,233	11.29	38,078	3,117	12.22
95°F (35°C)	28,529	4,371	6.53	29,764	4,212	7.07	31,053	4,053	7.66	32,397	3,902	8.30	33,800	3,756	9.00	35,263	3,620	9.74	36,790	3,490	10.54
104°F (40°C)	24,535	4,196	5.85	25,597	4,044	6.33	26,705	3,891	6.86	27,861	3,745	7.44	29,068	3,606	8.06	30,326	3,475	8.73	31,639	3,350	9.44
110°F (43°C)	23,964	4,546	5.27	25,002	4,380	5.71	26,084	4,215	6.19	27,214	4,057	6.71	28,392	3,906	7.27	29,621	3,764	7.87	30,904	3,629	8.52
115°F (46°C)	23,109	4,721	4.90	24,110	4,549	5.30	25,154	4,377	5.75	26,243	4,213	6.23	27,379	4,056	6.75	28,564	3,909	7.31	29,801	3,768	7.91

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

1Q3036FF2BEA



Note: Dimensions are shown in inches (millimeters)

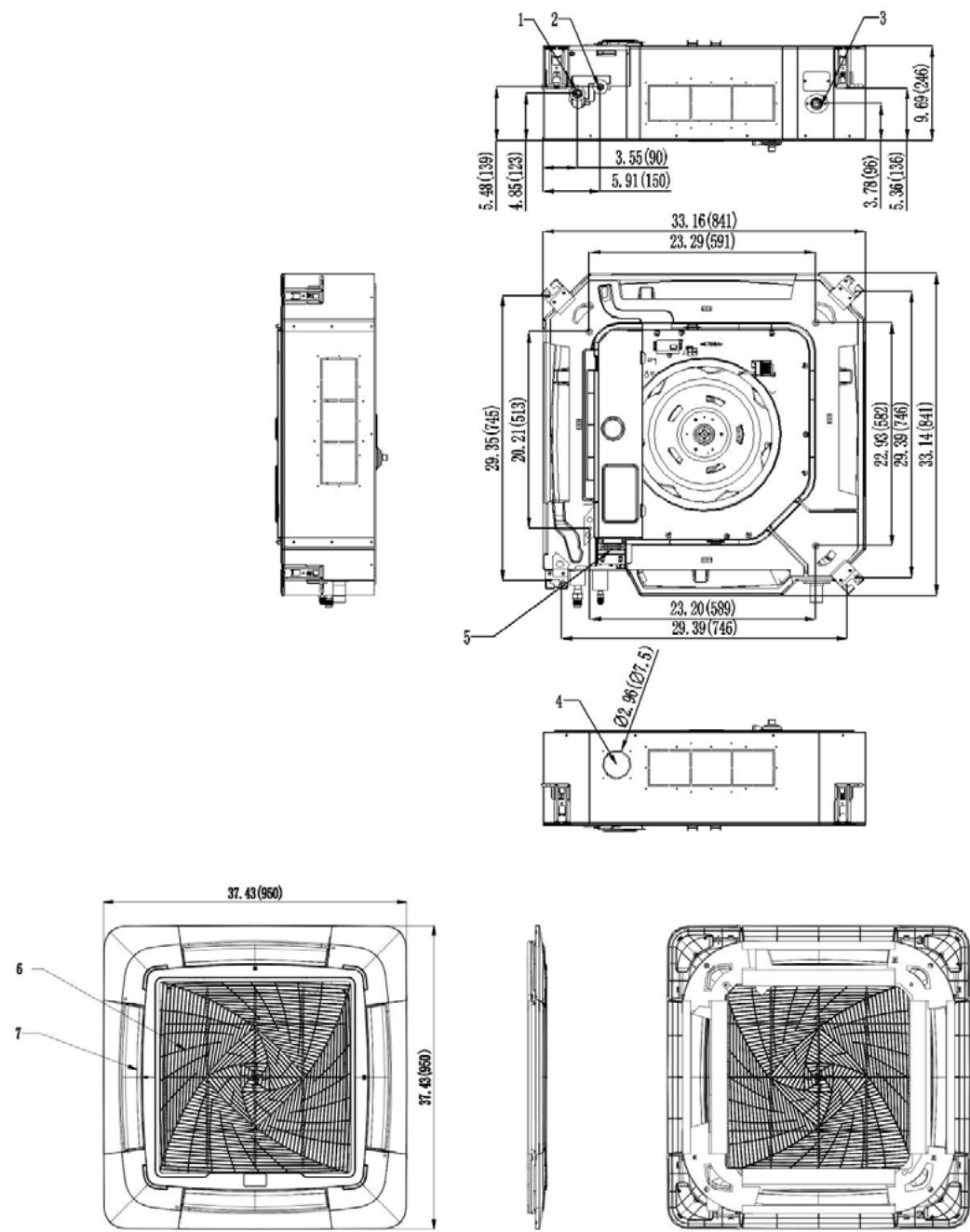
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US36LB2BEA



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

Note: Dimensions are shown in inches (millimeters)

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q3036FF2BEA



Indoor Model:
US36MB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB30WA
Side Wind Baffle	UASWB30WA
Back Wind Baffle	UAWB30WA
Top Cover	UATC35WA
Central Controller	UACT32A

Indoor Accessories

Wired Controller	QACT17B
Supply Plenum	UAPT3048A
MERV Return Air Filter Box	UAMFB3048A

Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23 ~ 115°F (-5 ~ 46°C)
	Cooling (With Wind Baffle or Top Cover)	-40 ~ 115°F (-40 ~ 46°C)
Power	Heating	-15 ~ 75°F (-26 ~ 24°C)
	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
Cooling	Operating Voltage Range	187-253 VAC
	Rated Capacity Btu/hr	33,000
	Capacity Range Btu/hr	6,000-33,500
	SEER2 / EER2	16 / 9.5
	Rated Power Input W	3,666
Heating	Moisture Removal Pt./hr	8
	Rated Heating Capacity 47°F Btu/hr	36,000
	Heating Capacity Range Btu/hr	6,500-37,000
	COP 5°F	1.8
	HSPF2 (IV)	9
Outdoor Unit	Rated Power Input W	3,297
	Compressor Type	DC Inverter Rotary
	Maximum Fuse Size A	35
	Minimum Circuit Amp A	25
	Outdoor Noise Level dB	64
Indoor Unit	Dimension: H x W x D in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: H x W x D in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
	Weight (Net/Ship) - lbs (kg)	147.84/166.59 (67/75.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	1236/1130/953/812/688
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1010/970/850/760/700
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	47/46/42/39/36
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	1236/1130/953/812/688
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1010/970/850/760/700
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	48/47/41/38/35
	Dimension: H x W x D in (mm)	9 3/4 x 59 x 27 1/2 (248 x 1500 x 700)
	Carton Dimension: H x W x D in (mm)	13 7/8 x 67 3/8 x 34 (353 x 1712 x 860)
	Weight (Net/Ship) - lbs (kg)	115.08/158.29 (52.2/71.8)
	Max. External Static Pressure in.W.G (Pa)	0.6 (150)
Refrigerant Lines	Drain Pipe Size O.D in	1*
	Max. Drain-Lift Height in (mm)	27 1/2 (700)
	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes
	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8
Refrigerant Lines	Suction O.D. in	3/4 (use 5/8" to 3/4" adaptor shipped with outdoor unit)
	Factory Charge Oz	88.18
	Maximum Line Length Ft / m	165/50
	Maximum Height Ft / m	100/30

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

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

1Q3036FF2BEA / US36MB2BEA

Heating Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60			64			68			70			72			75			79		
	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP
-15°F (-26°C)	16,383	2,697	1.78	15,402	2,752	1.64	14,939	2,808	1.56	14,490	2,865	1.48	14,054	2,924	1.41	13,632	2,984	1.34	12,815	3,045	1.23
-5°F (-21°C)	20,657	3,312	1.83	19,420	3,380	1.68	18,836	3,449	1.60	18,270	3,519	1.52	17,721	3,591	1.45	17,188	3,664	1.37	16,158	3,739	1.27
0°F (-18°C)	23,151	3,435	1.98	21,764	3,505	1.82	21,110	3,576	1.73	20,475	3,649	1.64	19,859	3,724	1.56	19,262	3,800	1.49	18,109	3,877	1.37
5°F (-15°C)	28,493	3,862	2.16	26,787	3,941	1.99	25,981	4,021	1.89	25,200	4,103	1.80	24,442	4,187	1.71	23,707	4,272	1.63	22,288	4,359	1.50
14°F (-10°C)	28,493	3,617	2.31	26,787	3,691	2.13	25,981	3,766	2.02	25,200	3,843	1.92	24,442	3,921	1.83	23,707	4,001	1.74	22,288	4,083	1.60
23°F (-5°C)	32,054	3,495	2.69	30,135	3,566	2.48	29,228	3,639	2.35	28,350	3,713	2.24	27,497	3,789	2.13	26,670	3,866	2.02	25,073	3,945	1.86
32°F (0°C)	33,124	3,372	2.88	31,140	3,441	2.65	30,204	3,511	2.52	29,296	3,583	2.40	28,415	3,656	2.28	27,561	3,731	2.17	25,910	3,807	1.99
41°F (5°C)	37,783	2,976	3.72	35,520	3,037	3.43	34,452	3,099	3.26	33,416	3,162	3.10	32,411	3,227	2.94	31,437	3,293	2.80	29,554	3,360	2.58
47°F (8°C)	40,704	3,103	3.84	38,267	3,166	3.54	37,116	3,231	3.37	36,000	3,297	3.20	34,918	3,364	3.04	33,868	3,433	2.89	31,839	3,503	2.66
55°F (13°C)	39,890	2,971	3.93	37,502	3,032	3.62	36,374	3,094	3.45	35,280	3,157	3.28	34,219	3,222	3.11	33,191	3,287	2.96	31,203	3,354	2.73
65°F (18°C)	41,111	2,758	4.37	38,649	2,814	4.02	37,487	2,872	3.83	36,360	2,930	3.64	35,267	2,990	3.46	34,207	3,051	3.29	32,158	3,113	3.03
75°F (24°C)	43,960	2,989	4.31	41,327	3,050	3.97	40,085	3,113	3.77	38,880	3,176	3.59	37,711	3,241	3.41	36,577	3,307	3.24	34,386	3,375	2.99

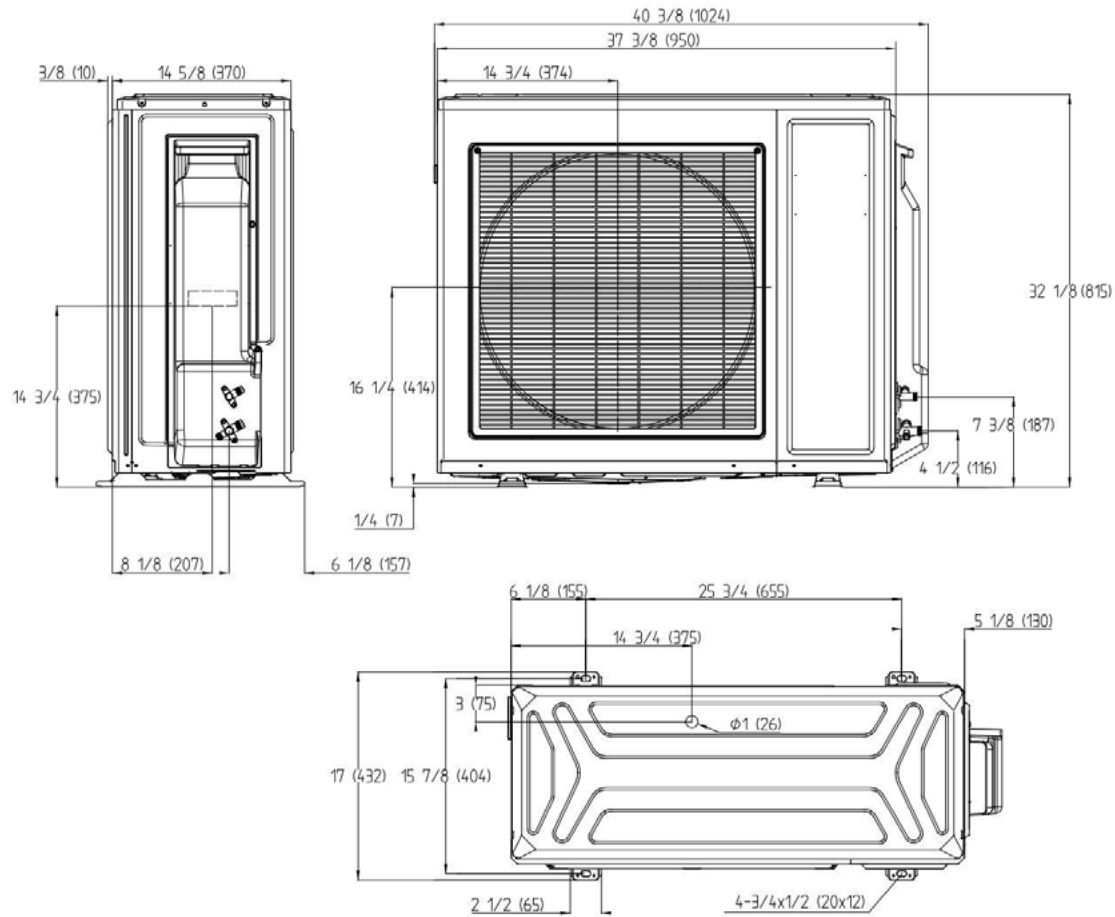
Cooling Capacity Data

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)	20,654	1,512	13.66	21,549	1,457	14.79	22,482	1,402	16.04	23,455	1,349	17.38	24,471	1,299	18.84	25,530	1,252	20.40	26,635	1,207	22.07
-22°F (-30°C)	21,003	1,543	13.62	21,913	1,486	14.74	22,862	1,430	15.98	23,851	1,377	17.32	24,884	1,325	18.78	25,961	1,277	20.33	27,086	1,231	22.00
-15°F (-26°C)	21,358	1,574	13.57	22,283	1,517	14.69	23,248	1,459	15.93	24,254	1,405	17.27	25,305	1,352	18.71	26,400	1,303	20.26	27,543	1,256	21.92
-4°F (-20°C)	21,719	1,606	13.52	22,660	1,548	14.64	23,641	1,489	15.87	24,664	1,433	17.21	25,732	1,380	18.65	26,846	1,330	20.19	28,009	1,282	21.85
5°F (-15°C)	22,086	1,639	13.48	23,043	1,579	14.59	24,040	1,520	15.82	25,081	1,463	17.15	26,167	1,408	18.58	27,300	1,357	20.12	28,482	1,308	21.77
14°F (-10°C)	22,460	1,672	13.43	23,432	1,611	14.54	24,447	1,551	15.77	25,505	1,493	17.09	26,609	1,437	18.52	27,761	1,385	20.05	28,963	1,335	21.70
23°F (-5°C)	22,839	1,706	13.38	23,828	1,644	14.49	24,860	1,582	15.71	25,936	1,523	17.03	27,059	1,466	18.45	28,231	1,413	19.98	29,453	1,362	21.62
32°F (0°C)	25,625	1,877	13.65	26,734	1,809	14.78	27,892	1,741	16.02	29,099	1,675	17.37	30,359	1,613	18.82	31,674	1,554	20.38	33,045	1,498	22.05
50°F (10°C)	27,295	2,105	12.97	28,477	2,028	14.04	29,710	1,951	15.22	30,996	1,878	16.50	32,338	1,808	17.88	33,738	1,743	19.36	35,199	1,680	20.95
68°F (20°C)	29,524	2,958	9.98	30,802	2,850	10.81	32,136	2,743	11.72	33,527	2,640	12.70	34,979	2,542	13.76	36,494	2,449	14.90	38,074	2,361	16.12
86°F (30°C)	28,689	3,811	7.53	29,931	3,673	8.15	31,227	3,534	8.84	32,579	3,402	9.58	33,990	3,275	10.38	35,462	3,156	11.24	36,997	3,043	12.16
95°F (35°C)	27,854	4,267	6.53	29,060	4,111	7.07	30,318	3,956	7.66	31,631	3,808	8.31	33,000	3,666	9.00	34,429	3,533	9.74	35,919	3,406	10.55
104°F (40°C)	23,954	4,153	5.77	24,991	4,002	6.25	26,073	3,851	6.77	27,202	3,706	7.34	28,380	3,568	7.95	29,609	3,439	8.61	30,890	3,315	9.32
110°F (43°C)	22,839	4,437	5.15	23,828	4,276	5.57	24,860	4,114	6.04	25,936	3,960	6.55	27,059	3,813	7.10	28,231	3,674	7.68	29,453	3,542	8.32
115°F (46°C)	21,725	4,722	4.60	22,666	4,550	4.98	23,647	4,378	5.40	24,671	4,214	5.85	25,739	4,057	6.34	26,853	3,910	6.87	28,016	3,769	7.43

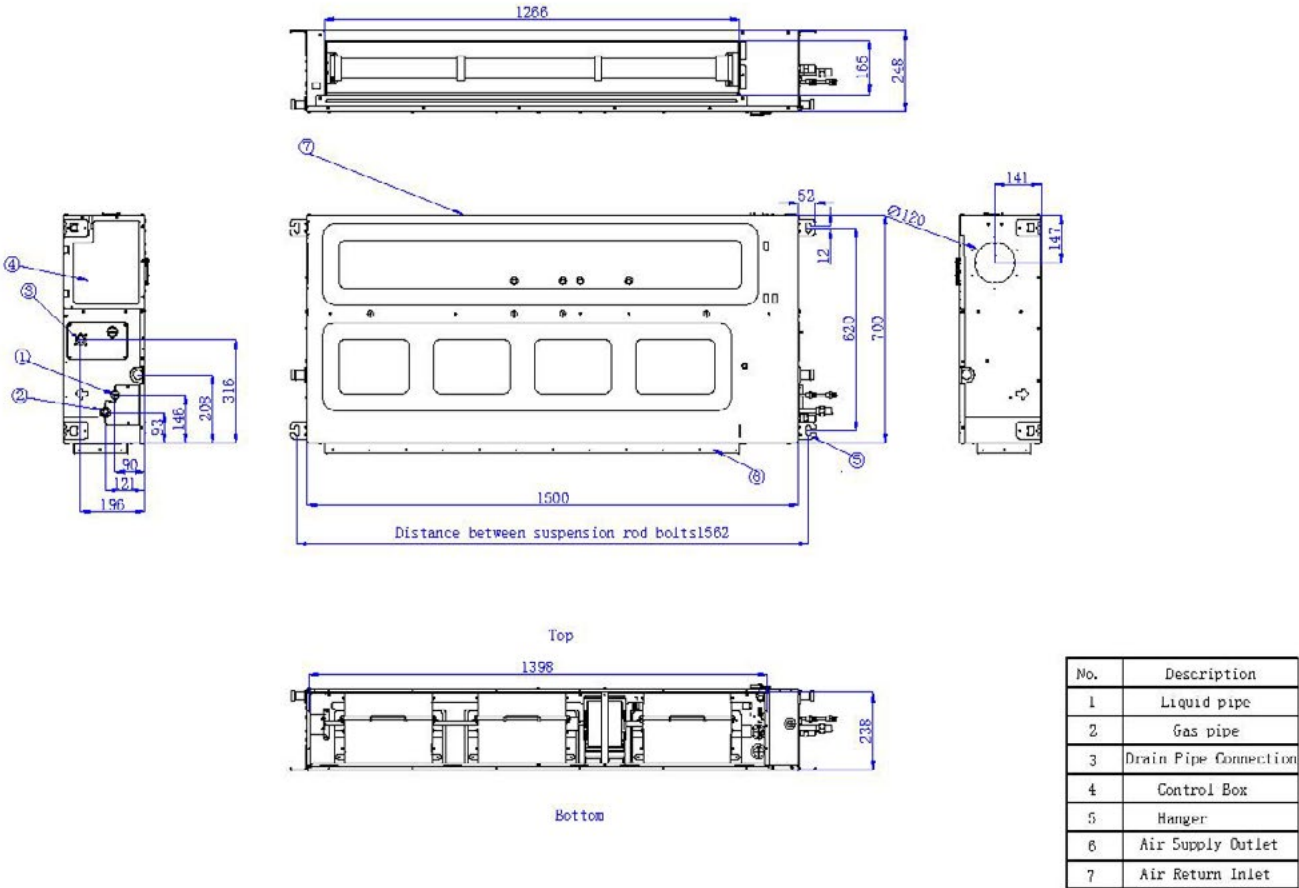
*Front/side/back wind baffle and top cover accessories are required for low ambient cooling below 23°F (-5°C).

1Q3036FF2BEA



Note: Dimensions are shown in inches (millimeters)

US36MB2BEA



Note: Dimensions are shown in millimeters

SUBMITTAL REVISION HISTORY

05-14-25: Submittal release.