

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q09TE2BEA



Indoor Model:
QS09WB2BEA



Outdoor Accessories

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

Indoor Accessories

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

Specifications

Operating Range	Cooling (Without Wind Baffle or Top Cover)	23~115°F (-5~46°C)
	Heating	-4~75°F (-20~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
Cooling	Rated Capacity Btu/hr	9,000
	Capacity Range Btu/hr	3,400-10,000
	SEER2 / EER2	23/12
	Rated Power Input W	750
	Moisture Removal Pt./hr.	2.6
Heating	Rated Heating Capacity 47°F Btu/hr	10,000
	Heating Capacity Range Btu/hr	3,400-11,000
	COP 5°F	1.8
	Rated Heating Capacity 5°F Btu/hr	8,000
	HSPF2 (IV) / HSPF2 (V)	9.5/7.8
Outdoor Unit	Rated Power Input W	792
	Compressor	DC Inverter Rotary
	Recommended Breaker Size A	15
	Minimum Circuit Amp A	9
	Outdoor Noise Level dB	55
Indoor Unit	Dimension: HxWxD in (mm)	21 3/4 x 34 x 11 (553 x 863 x 280)
	Carton Dimension: HxWxD in (mm)	24 3/8 x 36 5/8 x 16 (618 x 929 x 407)
	Weight (Net/Ship) - lbs (kg)	70.17/82.96 (31.8/37.6)
	Basepan Heater	No
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	360/290/260/230/210
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1250/1050/950/850/750
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	44/38/35/32/27
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	350/290/250/220/200
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1200/1020/895/770/700
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	42/36/32/28/26
	Dimension: H x W x D in (mm)	11 7/8 x 34 1/4 x 7 3/4 (301 x 870 x 196)
	Carton Dimension: H x W x D in (mm)	11 1/8 x 37 1/2 x 15 3/8 (283 x 952 x 389)
	Weight (Net/Ship) - lbs (kg)	21.84/26.92 (9.9/12.2)
Refrigerant Line	Drain Pipe Size O.D in	5/8
	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes
	Refrigerant	R454B
Refrigerant Line	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	3/8
	Factory Charge Oz	36.5
	Maximum Line Length Ft / m	66/20
Refrigerant Line	Maximum Height Ft / m	33/10

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

1Q09TE2BEA / QS09WB2BEA

Heating Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60			64			68			70			72			75			79		
	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP
-4°F (-20°C)	6,784	1,145	1.74	6,378	1,169	1.60	6,186	1,192	1.52	6,000	1,217	1.45	5,820	1,242	1.37	5,645	1,267	1.31	5,307	1,293	1.20
0°F (-18°C)	8,376	1,214	2.02	7,874	1,239	1.86	7,638	1,264	1.77	7,408	1,290	1.68	7,185	1,316	1.60	6,969	1,343	1.52	6,552	1,371	1.40
5°F (-15°C)	9,045	1,226	2.16	8,504	1,251	1.99	8,248	1,277	1.89	8,000	1,303	1.80	7,759	1,330	1.71	7,526	1,357	1.63	7,075	1,384	1.50
14°F (-10°C)	9,588	1,231	2.28	9,014	1,256	2.10	8,743	1,282	2.00	8,480	1,308	1.90	8,225	1,335	1.81	7,978	1,362	1.72	7,500	1,390	1.58
23°F (-5°C)	10,163	1,236	2.41	9,555	1,261	2.22	9,267	1,287	2.11	8,989	1,313	2.01	8,718	1,340	1.91	8,456	1,368	1.81	7,950	1,396	1.67
32°F (0°C)	10,773	1,183	2.67	10,128	1,207	2.46	9,823	1,232	2.34	9,528	1,257	2.22	9,242	1,283	2.11	8,964	1,309	2.01	8,427	1,335	1.85
41°F (5°C)	11,419	1,075	3.11	10,736	1,097	2.87	10,413	1,120	2.73	10,100	1,143	2.59	9,796	1,166	2.46	9,501	1,190	2.34	8,932	1,214	2.16
47°F (8°C)	11,307	745	4.45	10,630	761	4.10	10,310	776	3.89	10,000	792	3.70	9,699	808	3.52	9,408	825	3.34	8,844	841	3.08
55°F (13°C)	11,646	749	4.56	10,948	764	4.20	10,619	780	3.99	10,300	796	3.79	9,990	812	3.60	9,690	829	3.43	9,109	846	3.16
65°F (18°C)	11,995	753	4.67	11,276	768	4.30	10,937	784	4.09	10,608	800	3.89	10,289	816	3.69	9,980	833	3.51	9,382	850	3.24
75°F (24°C)	12,354	757	4.78	11,614	772	4.41	11,265	788	4.19	10,926	804	3.98	10,598	820	3.79	10,279	837	3.60	9,664	854	3.32

Cooling Capacity Data

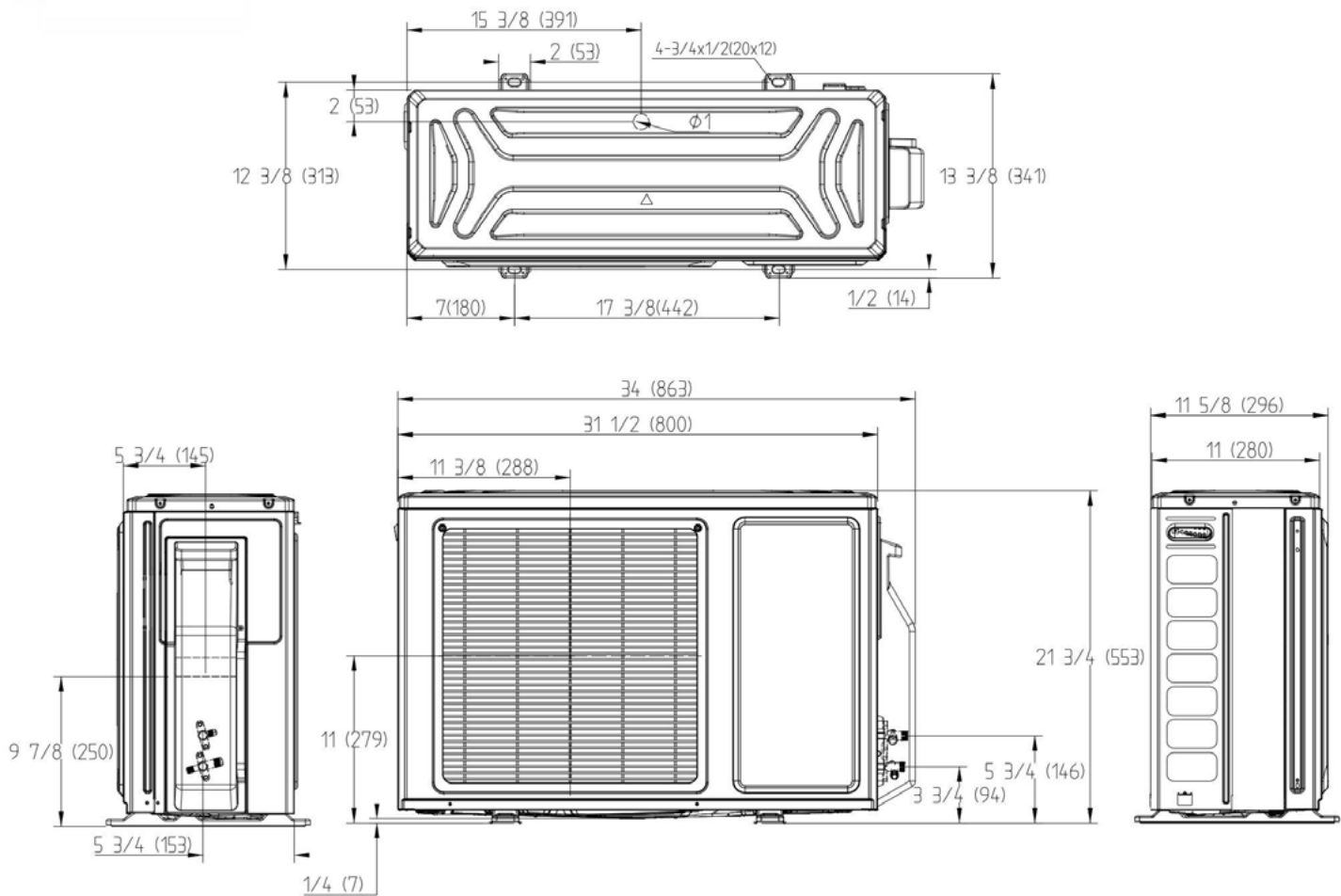
TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	64 / 53			68 / 57			72 / 61			77 / 64			80 / 67			82 / 70			86 / 72		
	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2	TC (Btu/h)	PI (W)	EER2
23°F (-5°C)	8,404	605	13.89	8,767	583	15.04	9,147	561	16.30	9,543	540	17.67	9,956	520	19.15	10,387	501	20.73	10,837	483	22.44
32°F (0°C)	8,236	666	12.36	8,592	642	13.38	8,964	618	14.51	9,352	595	15.73	9,757	573	17.04	10,180	552	18.45	10,620	532	19.97
50°F (10°C)	8,071	727	11.11	8,420	700	12.03	8,785	674	13.04	9,165	649	14.13	9,562	624	15.32	9,976	602	16.58	10,408	580	17.94
68°F (20°C)	7,910	785	10.08	8,252	756	10.91	8,609	728	11.83	8,982	700	12.82	9,371	674	13.90	9,777	650	15.05	10,200	626	16.28
86°F (30°C)	7,751	839	9.24	8,087	809	10.00	8,437	778	10.84	8,802	749	11.75	9,184	721	12.74	9,581	695	13.79	9,996	670	14.92
95°F (35°C)	7,596	873	8.70	7,925	841	9.42	8,269	809	10.22	8,627	779	11.07	9,000	750	12.00	9,390	723	12.99	9,796	697	14.06
104°F (40°C)	7,445	908	8.20	7,767	875	8.88	8,103	842	9.63	8,454	810	10.43	8,820	780	11.31	9,202	752	12.24	9,600	725	13.25
110°F (43°C)	7,370	926	7.96	7,689	893	8.61	8,022	859	9.34	8,370	827	10.12	8,732	796	10.97	9,110	767	11.88	9,504	739	12.85
115°F (46°C)	7,296	954	7.64	7,612	920	8.28	7,942	885	8.97	8,286	852	9.73	8,645	820	10.54	9,019	790	11.41	9,409	762	12.35

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

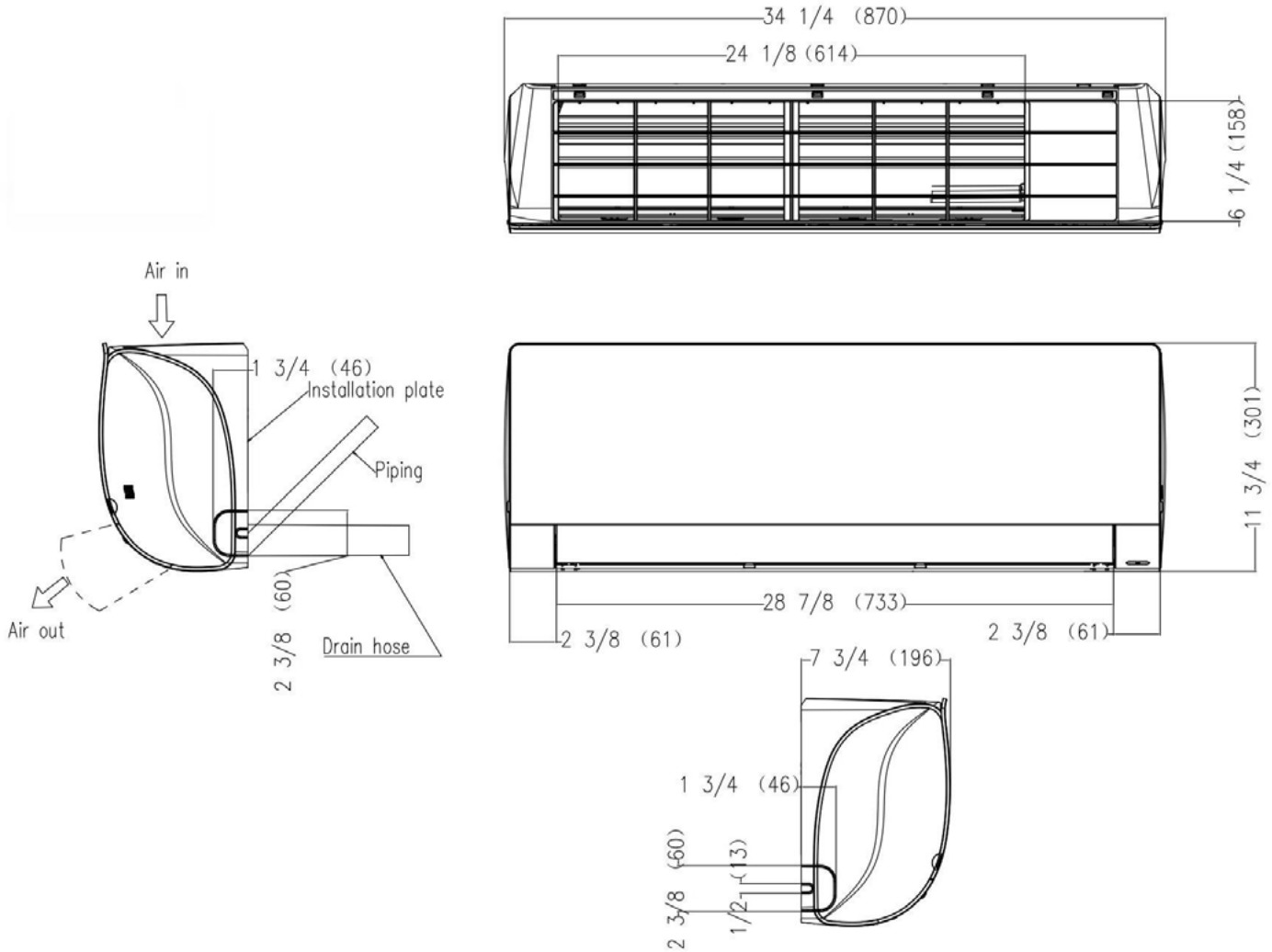
*Cooling capacities under low ambient temperatures below 23°F (-5°C) are tested when using wind baffle on outdoor unit.

1Q09TE2BEA



Note: Dimensions are shown in inches (millimeters)

QS09WB2BEA



Note: Dimensions are shown in inches (millimeters)

SUBMITTAL REVISION HISTORY

03-21-25: Submittal release.

10-23-25: Max. fuse size correction (15A). "Maximum Fuse Size" changed to "Recommended Breaker Size".