

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q24TE2BEA



Indoor Model:
QS24WB2BEA



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)
	Heating	-4~75°F (-20~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
Cooling	Rated Capacity Btu/hr	24,000
	Capacity Range Btu/hr	6,500-25,000
	SEER2 / EER2	18/12
	Rated Power Input W	2,000
	Moisture Removal Pt./hr.	4.9
Heating	Rated Heating Capacity 47°F Btu/hr	24,000
	Heating Capacity Range Btu/hr	6,500-26,000
	COP 5°F	1.8
	Rated Heating Capacity 5°F Btu/hr	19,200
	HSPF2 (IV) / HSPF2 (V)	9.5/7.5
Outdoor Unit	Rated Power Input W	1,954
	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
	Minimum Circuit Amp A	20
	Outdoor Noise Level dB	61
Indoor Unit	Dimension: HxWxD in (mm)	32 1/8 x 40 3/8 x 14 5/8 (815 x 1024 x 370)
	Carton Dimension: HxWxD in (mm)	34 5/8 x 43 1/8 x 18 7/8 (880 x 1095 x 480)
	Weight (Net/Ship) - lbs (kg)	121.36/147.84 (55/67)
	Basepan Heater	No
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	800/730/630/535/440
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1300/1200/1050/900/750
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	54/50/47/44/38
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	800/730/630/535/440
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1300/1200/1050/900/750
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	54/50/47/44/38
	Dimension: H x W x D in (mm)	13 1/2 x 44 1/2 x 9 1/8 (343 x 1129 x 232)
	Carton Dimension: H x W x D in (mm)	12 1/2 x 47 3/8 x 17 (319 x 1202 x 432)
	Weight (Net/Ship) - lbs (kg)	34.86/43.03 (15.8/19.5)
	Drain Pipe Size O.D in	5/8
Refrigerant Line	WiFi*	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes
	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	1/2
Refrigerant Line	Factory Charge Oz	67.02
	Maximum Line Length Ft / m	165/50
	Maximum Height Ft / m	100/30

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

1Q24TE2BEA / QS24WB2BEA

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)	16,282	2,748	1.74	15,307	2,804	1.60	14,846	2,861	1.52	14,400	2,919	1.45	13,967	2,979	1.37	13,547	3,040	1.31	12,736	3,102	1.20
0°F (-18°C)	20,102	2,913	2.02	18,899	2,972	1.86	18,330	3,033	1.77	17,779	3,095	1.68	17,245	3,158	1.60	16,726	3,222	1.52	15,724	3,288	1.40
5°F (-15°C)	21,709	2,942	2.16	20,409	3,002	1.99	19,795	3,063	1.89	19,200	3,126	1.80	18,623	3,190	1.71	18,063	3,255	1.63	16,981	3,321	1.50
14°F (-10°C)	23,011	2,954	2.28	21,633	3,014	2.10	20,983	3,076	2.00	20,352	3,139	1.90	19,740	3,203	1.81	19,146	3,268	1.72	18,000	3,335	1.58
23°F (-5°C)	24,392	2,966	2.41	22,931	3,026	2.22	22,242	3,088	2.11	21,573	3,151	2.01	20,924	3,215	1.91	20,295	3,281	1.81	19,080	3,348	1.67
32°F (0°C)	25,855	2,838	2.67	24,307	2,896	2.46	23,576	2,955	2.34	22,867	3,015	2.22	22,180	3,077	2.11	21,513	3,140	2.01	20,224	3,204	1.85
41°F (5°C)	27,407	2,580	3.11	25,765	2,633	2.87	24,991	2,687	2.73	24,239	2,741	2.59	23,510	2,797	2.46	22,803	2,854	2.34	21,438	2,913	2.16
47°F (8°C)	27,136	1,839	4.32	25,511	1,877	3.98	24,744	1,915	3.79	24,000	1,954	3.60	23,278	1,994	3.42	22,578	2,035	3.25	21,226	2,076	3.00
55°F (13°C)	27,949	1,848	4.43	26,276	1,886	4.08	25,486	1,925	3.88	24,719	1,964	3.69	23,976	2,004	3.51	23,255	2,045	3.33	21,863	2,087	3.07
65°F (18°C)	28,787	1,858	4.54	27,063	1,896	4.18	26,249	1,934	3.98	25,460	1,974	3.78	24,695	2,014	3.59	23,952	2,055	3.42	22,518	2,097	3.15
75°F (24°C)	29,650	1,867	4.65	27,874	1,905	4.29	27,036	1,944	4.08	26,223	1,984	3.87	25,435	2,024	3.68	24,670	2,065	3.50	23,193	2,108	3.23

Cooling Capacity Data

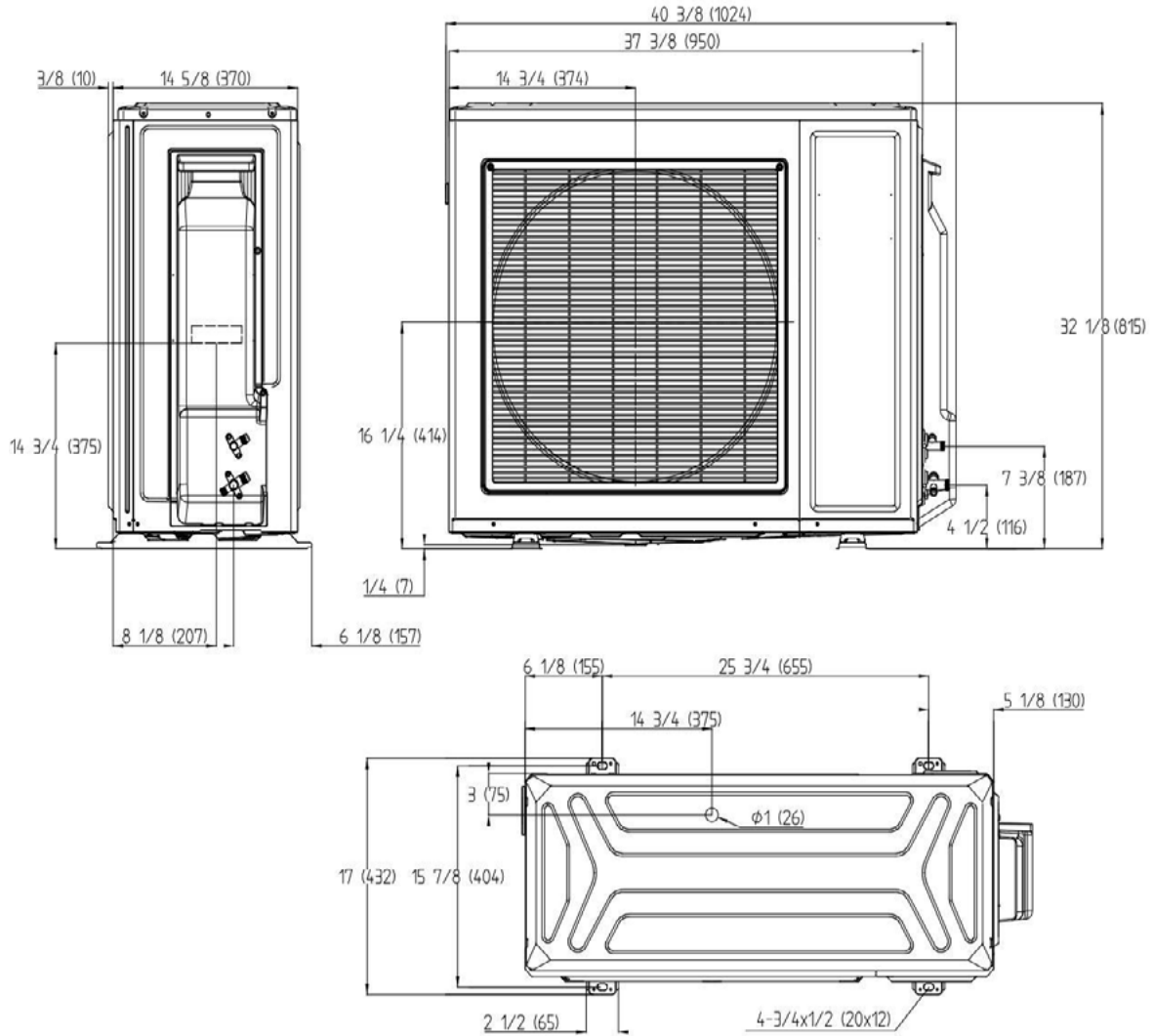
TC: Total Capacity PI: Power Input

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
23°F (-5°C)	22,409	1,613	13.89	23,380	1,555	15.04	24,392	1,496	16.30	25,448	1,440	17.67	26,550	1,386	19.15	27,699	1,336	20.73	28,899	1,288	22.44
32°F (0°C)	21,961	1,777	12.36	22,912	1,712	13.38	23,904	1,648	14.51	24,939	1,586	15.73	26,019	1,527	17.04	27,146	1,471	18.45	28,321	1,418	19.97
50°F (10°C)	21,522	1,938	11.11	22,454	1,867	12.03	23,426	1,797	13.04	24,441	1,729	14.13	25,499	1,665	15.32	26,603	1,605	16.58	27,755	1,547	17.94
68°F (20°C)	21,092	2,093	10.08	22,005	2,016	10.91	22,958	1,940	11.83	23,952	1,868	12.82	24,989	1,798	13.90	26,071	1,733	15.05	27,200	1,670	16.28
86°F (30°C)	20,670	2,238	9.24	21,565	2,157	10.00	22,499	2,075	10.84	23,473	1,997	11.75	24,490	1,923	12.74	25,550	1,853	13.79	26,656	1,787	14.92
95°F (35°C)	20,257	2,328	8.70	21,134	2,243	9.42	22,049	2,158	10.22	23,004	2,077	11.07	24,000	2,000	12.00	25,039	1,927	12.99	26,123	1,858	14.06
104°F (40°C)	19,852	2,421	8.20	20,712	2,333	8.88	21,609	2,245	9.63	22,544	2,161	10.43	23,520	2,080	11.31	24,539	2,005	12.24	25,601	1,933	13.25
110°F (43°C)	19,654	2,470	7.96	20,505	2,380	8.61	21,392	2,291	9.34	22,319	2,205	10.12	23,285	2,123	10.97	24,293	2,046	11.88	25,345	1,972	12.85
115°F (46°C)	19,457	2,545	7.64	20,300	2,452	8.28	21,179	2,360	8.97	22,096	2,272	9.73	23,052	2,187	10.54	24,050	2,107	11.41	25,092	2,032	12.35

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

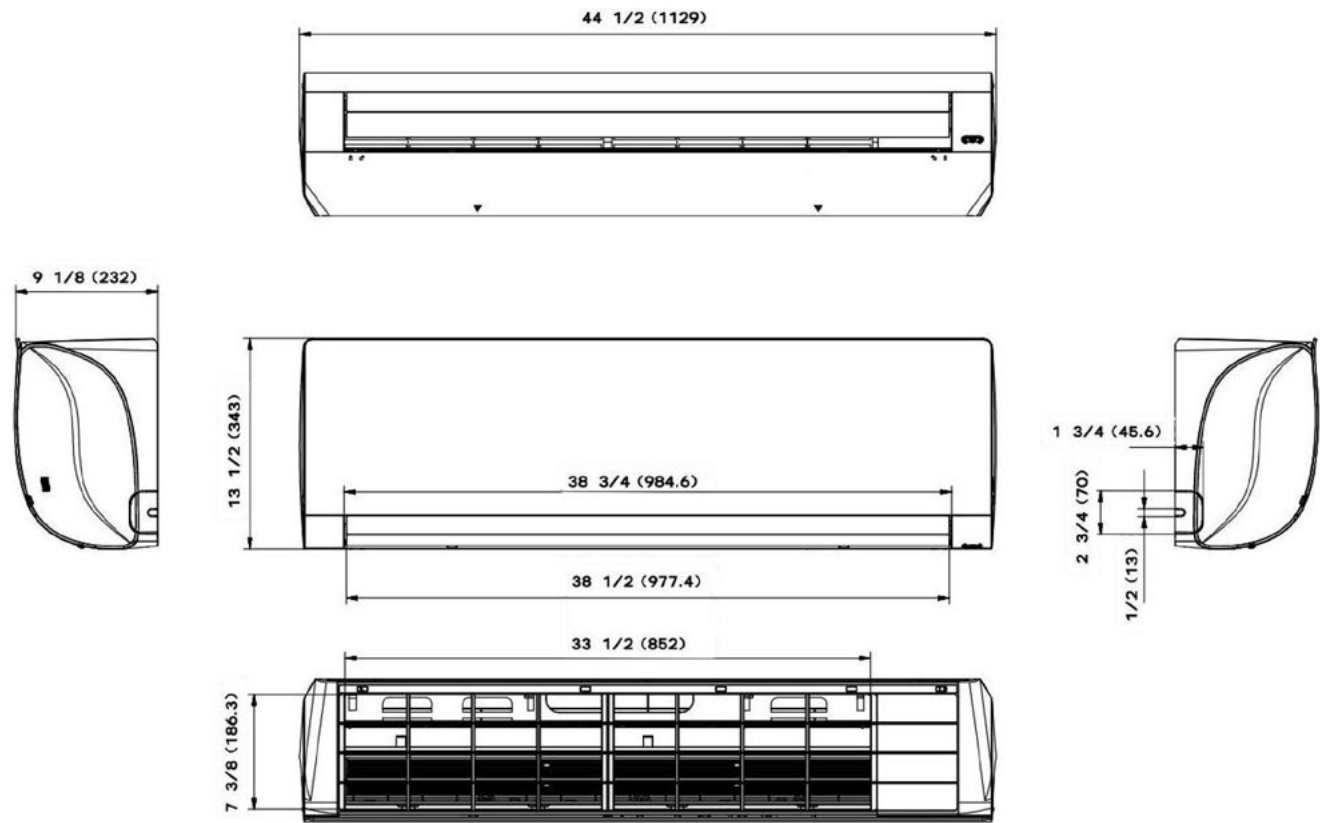
*Cooling capacities under low ambient temperatures below 23°F (-5°C) are tested when using wind baffle on outdoor unit.

1Q24TE2BEA



Note: Dimensions are shown in inches (millimeters)

QS24WB2BEA



Note: Dimensions are shown in inches (millimeters)

SUBMITTAL REVISION HISTORY

03-21-25: Submittal release.