

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

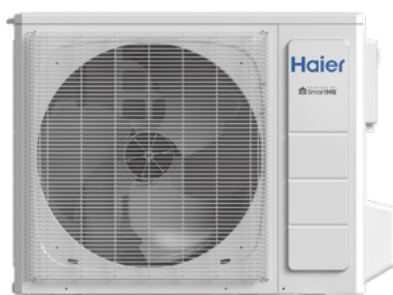
Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q24RT2BEA



Indoor Model:
QS24WP2BEA



Outdoor Accessories

Front Wind Baffle	UAWB31WA
Side Wind Baffle	UASWB31WA
Back Wind Baffle	UAWB31WA
Top Cover	UATC31WA
Central Controller	UACT32A

Indoor Accessories

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)
	Heating	-22~75°F (-30~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	24,000
	Capacity Range Btu/hr	4,500~26,000
	SEER2 / EER2	20.0/11.2
	Rated Power Input W	2,143
Heating	Moisture Removal Pt./hr.	6
	Rated Heating Capacity 47°F Btu/hr	24,000
	Heating Capacity Range Btu/hr	4,000~26,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV) / HSPF2 (V)	9.5/7.5
	Rated Power Input W	1,954
	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
Indoor Unit	Minimum Circuit Amp A	22
	Outdoor Noise Level dB	64
	Dimension: HxWxD in (mm)	30 1/8 x 40 3/16 x 17 1/8 (765 x 1021 x 435)
	Carton Dimension: HxWxD in (mm)	37 5/8 x 43 5/16 x 19 13/16 (955 x 1100 x 503)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	134.7/173.06 (61.1/78.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	800/730/630/535/440
Indoor Unit	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 Unit	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)
Indoor Unit	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 Line	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4
	Suction O.D. in	1/2
Refrigerant Line	Factory Charge Oz	77.7
	Maximum Line Length Ft / m	165/50
	Maximum Height Ft / m	100/30

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

1Q24RT2BEA/QS24WP2BEA

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
-22°F (-30°C)	13,117	2,769	1.39	12,330	2,826	1.28	11,960	2,883	1.22	11,600	2,942	1.16	11,251	3,002	1.10	10,913	3,064	1.04	10,258	3,126	0.96
-15°F (-26°C)	14,700	3,077	1.40	13,818	3,140	1.29	13,403	3,204	1.23	13,000	3,269	1.17	12,609	3,336	1.11	12,230	3,404	1.05	11,497	3,473	0.97
-4°F (-20°C)	17,301	3,172	1.60	16,263	3,237	1.47	15,774	3,303	1.40	15,300	3,370	1.33	14,840	3,439	1.26	14,394	3,509	1.20	13,531	3,581	1.11
0°F (-18°C)	22,616	3,270	2.03	21,259	3,337	1.87	20,620	3,405	1.77	20,000	3,475	1.69	19,399	3,545	1.60	18,816	3,618	1.52	17,687	3,692	1.40
5°F (-15°C)	24,877	3,371	2.16	23,385	3,440	1.99	22,682	3,510	1.89	22,000	3,582	1.80	21,339	3,655	1.71	20,697	3,730	1.63	19,456	3,806	1.50
14°F (-10°C)	25,126	2,966	2.48	23,619	3,027	2.29	22,909	3,089	2.17	22,220	3,152	2.07	21,552	3,216	1.96	20,904	3,282	1.87	19,650	3,349	1.72
23°F (-5°C)	25,377	2,610	2.85	23,855	2,663	2.63	23,138	2,718	2.50	22,442	2,773	2.37	21,767	2,830	2.25	21,113	2,888	2.14	19,847	2,947	1.97
32°F (0°C)	25,631	2,297	3.27	24,094	2,344	3.01	23,369	2,391	2.86	22,667	2,440	2.72	21,985	2,490	2.59	21,324	2,541	2.46	20,045	2,593	2.27
41°F (5°C)	25,887	2,321	3.27	24,335	2,368	3.01	23,603	2,417	2.86	22,893	2,466	2.72	22,205	2,516	2.59	21,537	2,568	2.46	20,246	2,620	2.26
47°F (8°C)	27,139	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	21,224	2,076	3.00
55°F (13°C)	27,681	1,848	4.39	26,021	1,886	4.04	25,239	1,925	3.84	24,480	1,964	3.65	23,744	2,004	3.47	23,030	2,045	3.30	21,649	2,087	3.04
65°F (18°C)	28,235	1,858	4.45	26,541	1,896	4.10	25,743	1,934	3.90	24,969	1,974	3.71	24,218	2,014	3.52	23,490	2,055	3.35	22,081	2,097	3.09
75°F (24°C)	28,799	1,867	4.52	27,072	1,905	4.16	26,258	1,944	3.96	25,468	1,984	3.76	24,703	2,024	3.58	23,960	2,065	3.40	22,523	2,108	3.13

Cooling Capacity Data

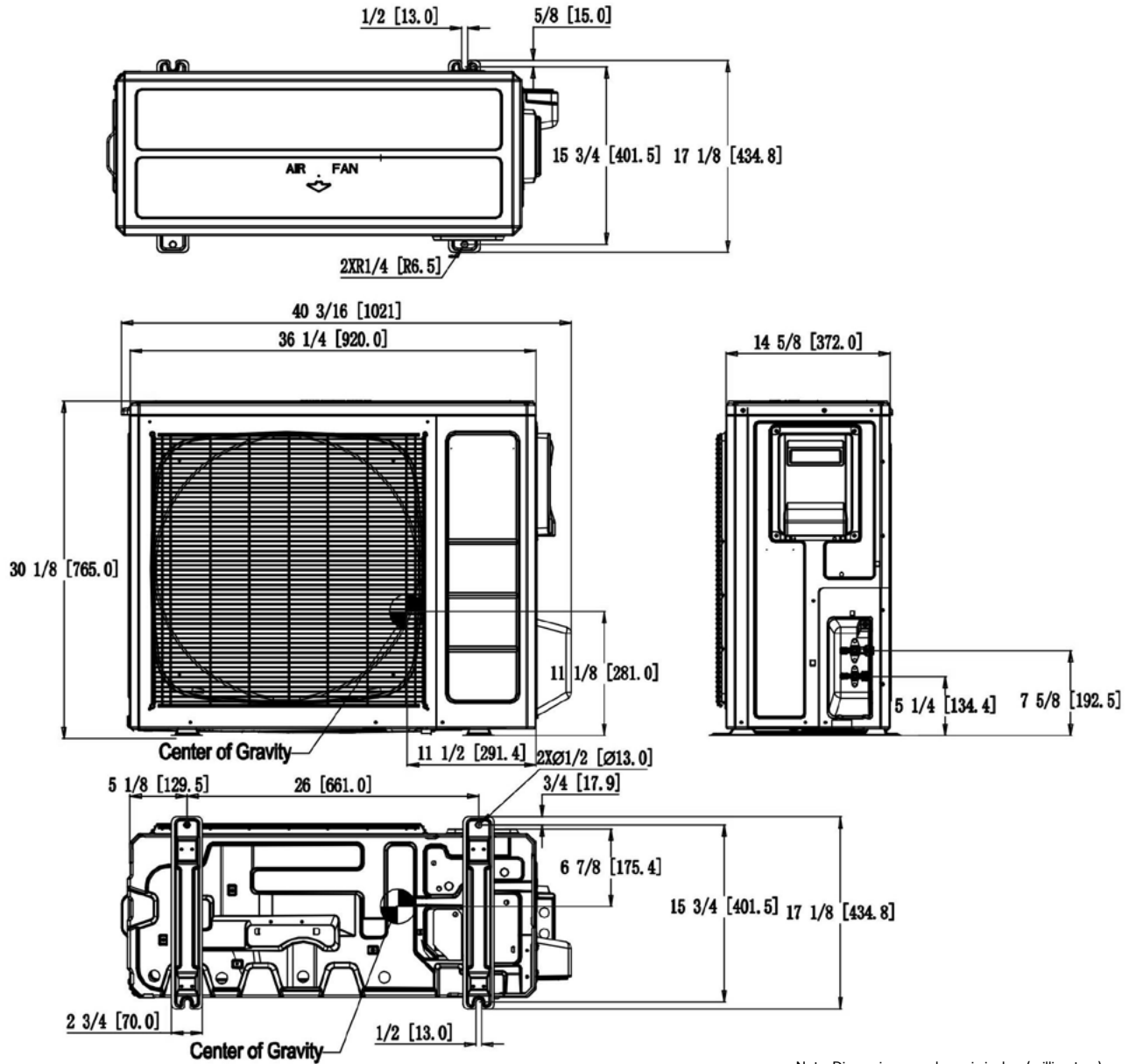
TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60 / 50			64 / 63			70 / 57			75 / 62			80 / 67			82 / 70			90 / 75		
	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)	16,206	1,742	9.30	16,907	1,678	10.07	17,639	1,617	10.91	18,403	1,558	11.81	19,200	1,501	12.79	20,031	1,446	13.85	20,899	1,393	15.00
32°F (0°C)	15,530	1,899	8.18	16,203	1,830	8.86	16,904	1,763	9.59	17,636	1,698	10.39	18,400	1,636	11.25	19,196	1,576	12.18	20,027	1,518	13.19
50°F (10°C)	17,083	2,070	8.25	17,823	1,994	8.94	18,594	1,921	9.68	19,400	1,851	10.48	20,240	1,783	11.35	21,116	1,718	12.29	22,030	1,655	13.31
68°F (20°C)	18,791	2,236	8.41	19,605	2,154	9.10	20,454	2,075	9.86	21,340	1,999	10.68	22,263	1,926	11.56	23,227	1,855	12.52	24,233	1,787	13.56
86°F (30°C)	20,671	2,392	8.64	21,566	2,305	9.36	22,499	2,220	10.13	23,473	2,139	10.97	24,490	2,061	11.88	25,550	1,985	12.87	26,656	1,912	13.94
95°F (35°C)	20,257	2,488	8.14	21,134	2,397	8.82	22,049	2,309	9.55	23,004	2,224	10.34	24,000	2,143	11.20	25,039	2,065	12.13	26,123	1,989	13.13
104°F (40°C)	19,852	2,587	7.67	20,712	2,493	8.31	21,608	2,401	9.00	22,544	2,313	9.74	23,520	2,229	10.55	24,538	2,147	11.43	25,601	2,069	12.38
110°F (43°C)	19,654	2,639	7.45	20,504	2,542	8.06	21,392	2,449	8.73	22,318	2,360	9.46	23,285	2,273	10.24	24,293	2,190	11.09	25,345	2,110	12.01
115°F (46°C)	19,457	2,718	7.16	20,299	2,619	7.75	21,178	2,523	8.39	22,095	2,430	9.09	23,052	2,341	9.84	24,050	2,256	10.66	25,091	2,173	11.55

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

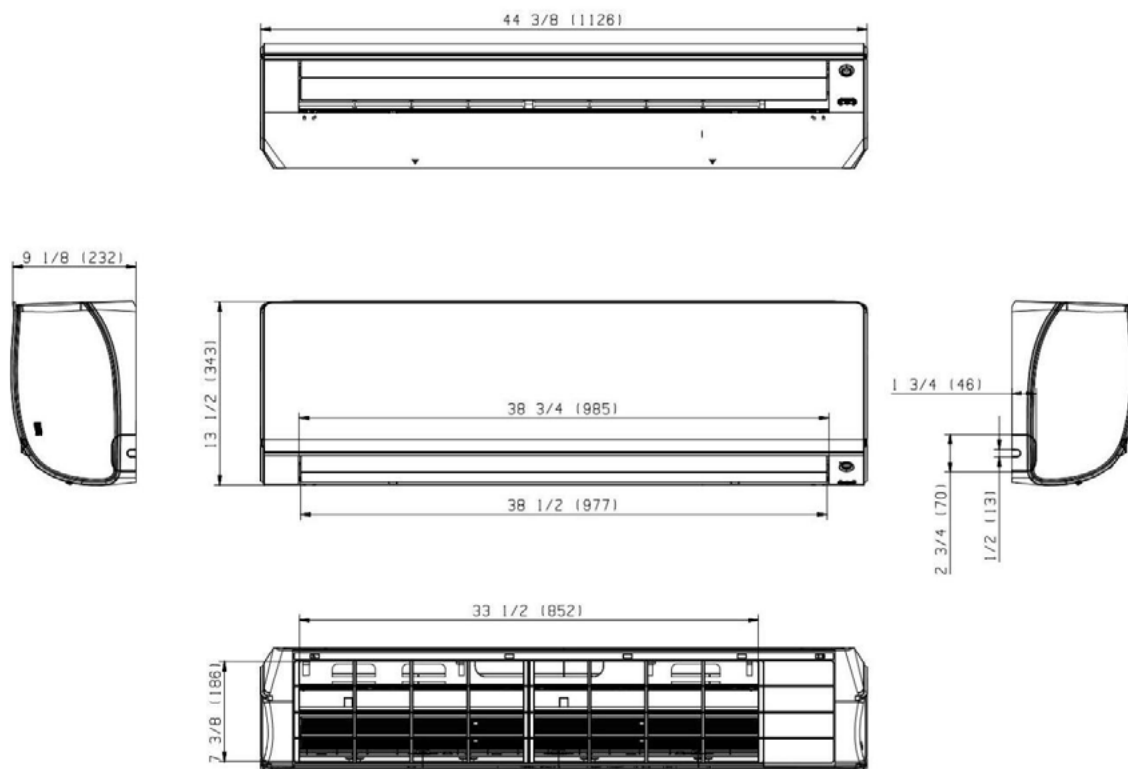
*Cooling capacities under low ambient temperatures below 23°F (-5°C) are tested when using wind baffle on outdoor unit.

1Q24RT2BEA



Note: Dimensions are shown in inches (millimeters)

QS24WP2BEA



Note: Dimensions are shown in inches (millimeters)

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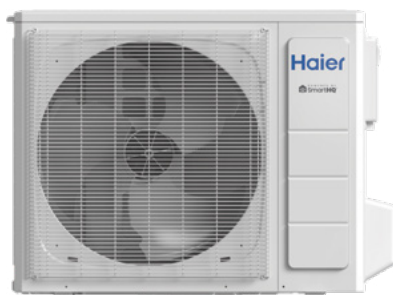
Submitted By: _____

Unit: _____

Drawing #: _____



Outdoor Model:
1Q24RT2BEA



Indoor Model:
US24LB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB31WA
Side Wind Baffle	UASWB31WA
Back Wind Baffle	UAWB31WA
Top Cover	UATC31WA
Central Controller	UACT32A

Indoor Accessories

Cassette Panel (Required)	QALCP01WA
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)
	Heating	-22~75°F (-30~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	24,000
	Capacity Range Btu/hr	6,000~25,000
	SEER2 / EER2	20/12
	Rated Power Input W	2,000
Heating	Moisture Removal Pt./hr.	3.78
	Rated Heating Capacity 47°F Btu/hr	26,000
	Heating Capacity Range Btu/hr	6,000~27,000
	COP 5°F	1.8
Outdoor Unit	HSPF2 (IV) / HSPF2 (V)	10.0/8.0
	Rated Power Input W	1,905
	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
Indoor Unit	Minimum Circuit Amp A	22
	Outdoor Noise Level dB	68
	Dimension: HxWxD in (mm)	30 1/8 x 40 3/16 x 17 1/8 (765 x 1021 x 435)
	Carton Dimension: HxWxD in (mm)	37 5/8 x 43 5/16 x 19 13/16 (955 x 1100 x 503)
Indoor Unit	Weight (Net/Ship) - lbs (kg)	134.7/173.06 (61.1/78.5)
	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	1033/873/858/640/400
Indoor Unit	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	620/580/540/430/360
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	46/44/41/38/35
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	1033/873/858/640/400
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	620/580/540/430/360
Indoor Unit	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	46/44/42/39/36
	Dimension: H x W x D in (mm)	9 3/4 x 33 x 33 (246 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)
Indoor Unit	Drain Pipe Size O.D in*	1
	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	No
	Refrigerant Detection Sensor (RDS) Compatible	Yes
Refrigerant Line	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8
	Suction O.D. in	5/8
Refrigerant Line	Factory Charge Oz	77.7
	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.

1Q24RT2BEA/US24LB2BEA

Heating Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																	
	60			65			70			75			80			86		
	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
-22°F (-30°C)	9,447	1,788	1.55	9,310	1,867	1.46	9,172	1,965	1.37	8,989	2,044	1.29	8,805	2,123	1.22	8,622	2,241	1.13
-15°F (-26°C)	13,122	2,080	1.85	12,931	2,172	1.75	12,740	2,286	1.63	12,485	2,377	1.54	12,230	2,469	1.45	11,976	2,606	1.35
-4°F (-20°C)	16,068	2,340	2.01	15,834	2,443	1.90	15,600	2,572	1.78	15,288	2,675	1.68	14,976	2,777	1.58	14,664	2,932	1.47
0°F (-18°C)	18,746	2,514	2.19	18,473	2,624	2.06	18,200	2,762	1.93	17,836	2,873	1.82	17,472	2,983	1.72	17,108	3,149	1.59
5°F (-15°C)	22,660	3,259	2.04	22,330	3,402	1.92	22,000	3,581	1.80	21,560	3,725	1.70	21,120	3,868	1.60	20,680	4,083	1.48
14°F (-10°C)	21,424	2,462	2.55	21,112	2,570	2.41	20,800	2,705	2.25	20,384	2,813	2.12	19,968	2,922	2.00	19,552	3,084	1.86
23°F (-5°C)	22,763	1,907	3.50	22,432	1,991	3.30	22,100	2,096	3.09	21,658	2,179	2.91	21,216	2,263	2.75	20,774	2,389	2.55
32°F (0°C)	25,441	1,994	3.74	25,071	2,081	3.53	24,700	2,191	3.30	24,206	2,278	3.11	23,712	2,366	2.94	23,218	2,497	2.72
41°F (5°C)	28,119	2,115	3.90	27,710	2,208	3.68	27,300	2,324	3.44	26,754	2,417	3.24	26,208	2,510	3.06	25,662	2,649	2.84
47°F (8°C)	26,780	1,734	4.53	26,390	1,810	4.27	26,000	1,905	4.00	25,480	1,981	3.77	24,960	2,057	3.56	24,440	2,172	3.30
55°F (13°C)	28,119	1,682	4.90	27,710	1,755	4.63	27,300	1,848	4.33	26,754	1,922	4.08	26,208	1,996	3.85	25,662	2,107	3.57
65°F (18°C)	30,797	1,820	4.96	30,349	1,900	4.68	29,900	2,000	4.38	29,302	2,080	4.13	28,704	2,160	3.89	28,106	2,280	3.61
75°F (24°C)	33,475	1,959	5.01	32,988	2,045	4.73	32,500	2,153	4.42	31,850	2,239	4.17	31,200	2,325	3.93	30,550	2,454	3.65
86°F (30°C)	36,153	2,115	5.01	35,627	2,208	4.73	35,100	2,324	4.43	34,398	2,417	4.17	33,696	2,510	3.93	32,994	2,649	3.65

Cooling Capacity Data

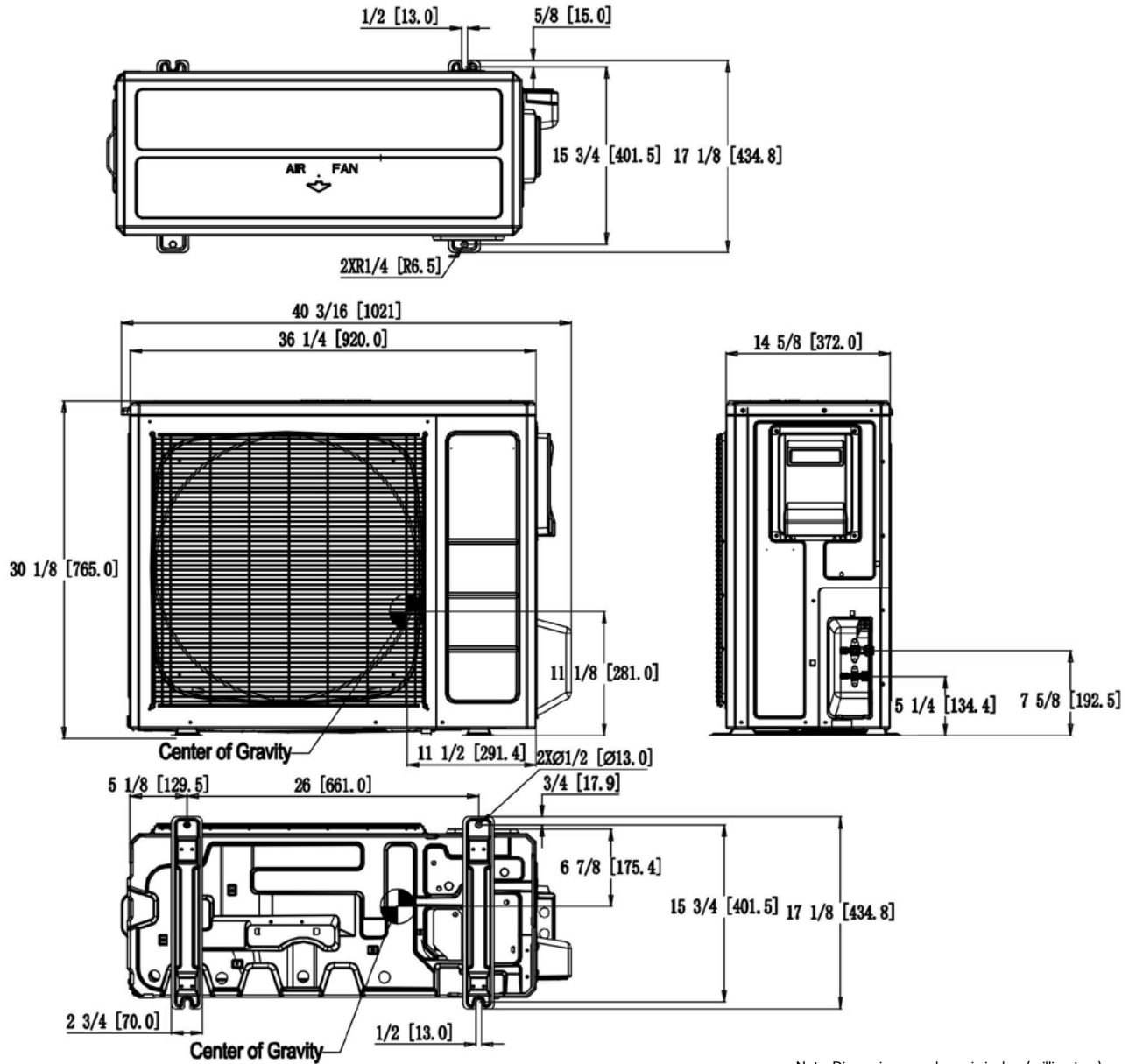
TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60 / 50			64 / 63			70 / 57			75 / 62			80 / 67			82 / 70			90 / 75		
	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)	16,781	903	5.45	17,664	913	5.67	18,989	922	6.04	20,314	931	6.39	22,080	941	6.88	23,405	950	7.22	24,509	960	7.49
32°F (0°C)	17,875	1,167	4.49	18,816	1,179	4.68	20,227	1,191	4.98	21,638	1,203	5.27	23,520	1,215	5.67	24,931	1,227	5.95	26,107	1,240	6.17
50°F (10°C)	18,605	1,336	4.08	19,584	1,350	4.25	21,053	1,364	4.52	22,522	1,378	4.79	24,480	1,392	5.16	25,949	1,406	5.41	27,173	1,419	5.61
68°F (20°C)	20,976	1,599	3.84	22,080	1,616	4.00	23,736	1,633	4.26	25,392	1,649	4.51	27,600	1,666	4.86	29,256	1,683	5.10	30,636	1,699	5.28
86°F (30°C)	20,611	1,957	3.09	21,696	1,977	3.22	23,323	1,998	3.42	24,950	2,018	3.62	27,120	2,038	3.90	28,747	2,059	4.09	30,103	2,079	4.24
95°F (35°C)	18,240	1,920	2.78	19,200	1,940	2.90	20,640	1,960	3.09	22,080	1,980	3.27	24,000	2,000	3.52	25,440	2,020	3.69	26,640	2,040	3.83
104°F (40°C)	17,875	2,164	2.42	18,816	2,186	2.52	20,227	2,209	2.68	21,638	2,231	2.84	23,520	2,254	3.06	24,931	2,277	3.21	26,107	2,299	3.33
110°F (43°C)	17,328	2,296	2.21	18,240	2,319	2.30	19,608	2,343	2.45	20,976	2,367	2.60	22,800	2,391	2.79	24,168	2,415	2.93	25,308	2,439	3.04
115°F (46°C)	16,781	2,408	2.04	17,664	2,434	2.13	18,989	2,459	2.26	20,314	2,484	2.40	22,080	2,509	2.58	23,405	2,534	2.71	24,509	2,559	2.81

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

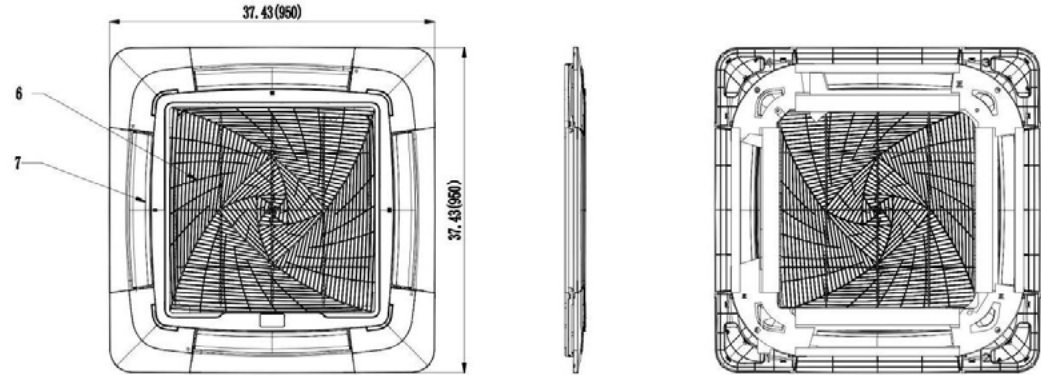
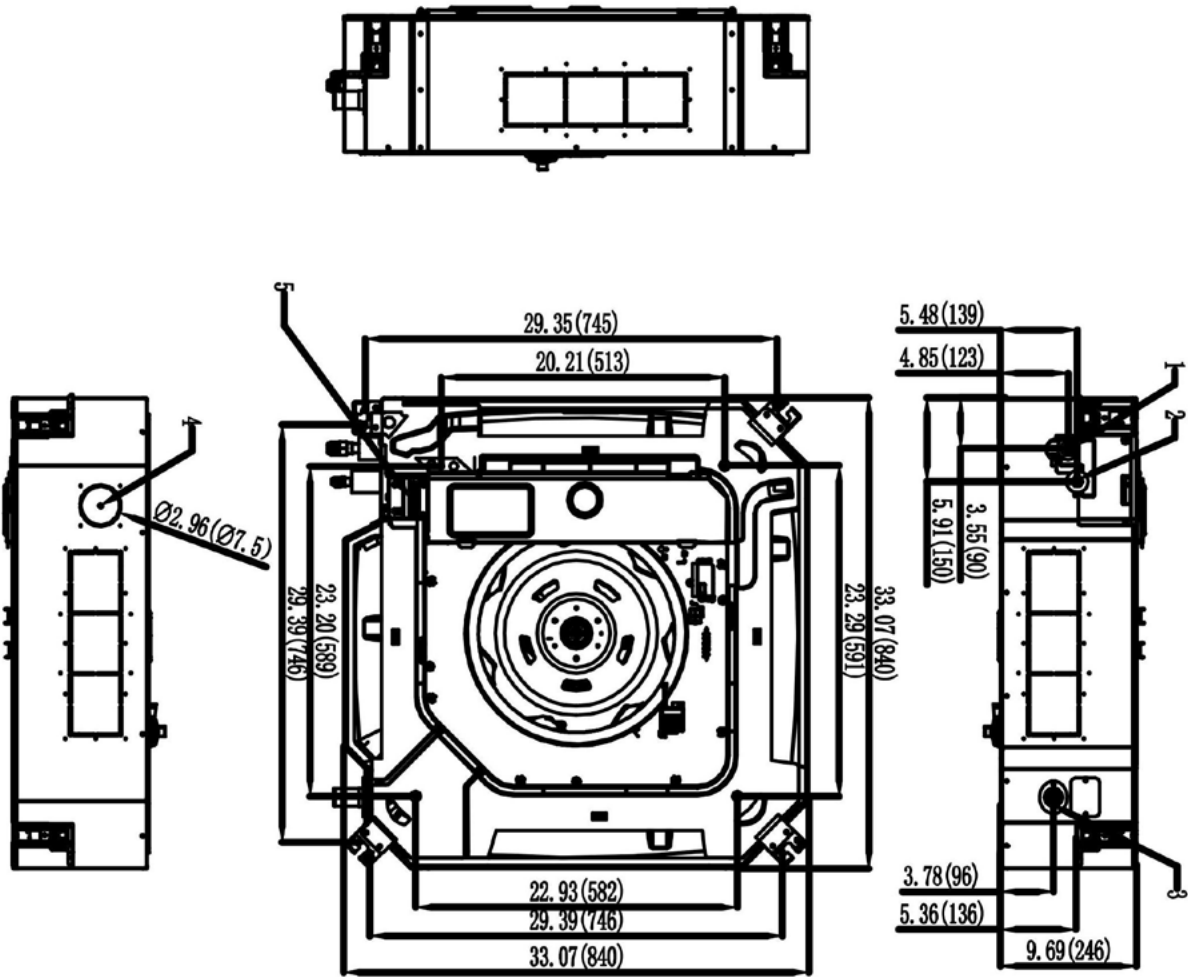
*Cooling capacities under low ambient temperatures below 23°F (-5°C) are tested when using wind baffle on outdoor unit.

1Q24RT2BEA



Note: Dimensions are shown in inches (millimeters)

US24LB2BEA



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: _____

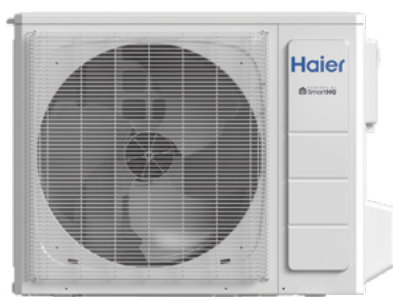
Submitted By: _____

Unit: _____

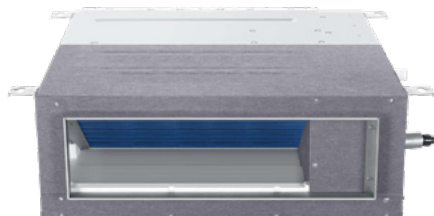
Drawing #: _____



Outdoor Model:
1Q24RT2BEA



Indoor Model:
US24MB2BEA



Outdoor Accessories

Front Wind Baffle	UAWB31WA
Side Wind Baffle	UASWB31WA
Back Wind Baffle	UAWB31WA
Top Cover	UATC31WA
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)
	Heating	-22~75°F (-30~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling	Rated Capacity Btu/hr	24,000
	Capacity Range Btu/hr	6,000-25,000
	SEER2 / EER2	18.2/11.7
	Rated Power Input W	2,051
	Moisture Removal Pt./hr.	4.19
Heating	Rated Heating Capacity 47°F Btu/hr	26,000
	Heating Capacity Range Btu/hr	6,000-26,500
	COP 5°F	1.8
	HSPF2 (IV) / HSPF2 (V)	10.5/8.0
	Rated Power Input W	2,060
Outdoor Unit	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
	Minimum Circuit Amp A	22
	Outdoor Noise Level dB	68
	Dimension: HxWxD in (mm)	30 1/8 x 40 3/16 x 17 1/8 (765 x 1021 x 435)
	Carton Dimension: HxWxD in (mm)	37 5/8 x 43 5/16 x 19 13/16 (955 x 1100 x 503)
	Weight (Net/Ship) - lbs (kg)	134.7/173.06 (61.1/78.5)
Indoor Unit	Basepan Heater	Yes
	Fan Speed Stages	5 + Auto
	Airflow CFM: Cooling (Turbo/High/Med/Low/Quiet)	927/844/667/564/482
	Indoor Motor Speed RPM: Cooling (Turbo/High/Med/Low/Quiet)	1070/1030/880/790/740
	Indoor Sound Level dB: Cooling (Turbo/High/Med/Low/Quiet)	44/43/42/40/38
	Airflow CFM: Heating (Turbo/High/Med/Low/Quiet)	927/844/667/564/482
	Indoor Motor Speed RPM: Heating (Turbo/High/Med/Low/Quiet)	1070/1030/880/790/740
	Indoor Sound Level dB: Heating (Turbo/High/Med/Low/Quiet)	44/43/42/40/38
	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)
	Drain Pipe Size O.D in*	1
	WiFi**	Built-in
	Factory-Installed Refrigerant Detection Sensor (RDS)	Yes
Refrigerant Line	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	3/8
	Suction O.D. in	5/8
	Factory Charge Oz	77.7
	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.

1Q24RT2BEA/US24MB2BEA

Heating Capacity Data

TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																	
	60			65			70			75			80			86		
	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
-22°F (-30°C)	9,593	1,935	1.45	9,453	2,019	1.37	9,313	2,125	1.28	9,127	2,211	1.21	8,941	2,296	1.14	8,755	2,423	1.06
-15°F (-26°C)	13,324	2,250	1.74	13,130	2,348	1.64	12,936	2,472	1.53	12,677	2,571	1.45	12,419	2,670	1.36	12,160	2,818	1.26
-5°F (-21°C)	16,315	2,531	1.89	16,078	2,642	1.78	15,840	2,719	1.71	15,523	2,892	1.57	15,206	3,003	1.48	14,890	3,170	1.38
0°F (-18°C)	19,034	2,718	2.05	18,757	2,838	1.94	18,480	2,925	1.85	18,110	3,106	1.71	17,741	3,226	1.61	17,371	3,405	1.50
5°F (-15°C)	23,409	3,524	1.95	23,273	3,679	1.85	23,000	3,745	1.80	22,492	3,928	1.68	22,045	4,083	1.58	21,598	4,245	1.49
14°F (-10°C)	21,754	2,662	2.40	21,437	2,779	2.26	21,120	2,719	2.28	20,698	3,042	1.99	20,275	3,159	1.88	19,853	3,335	1.74
23°F (-5°C)	23,113	2,062	3.29	22,777	2,153	3.10	22,440	2,266	2.90	21,991	2,357	2.73	21,542	2,447	2.58	21,094	2,583	2.39
32°F (0°C)	25,832	2,156	3.51	25,456	2,251	3.32	25,080	2,369	3.10	24,578	2,464	2.92	24,077	2,559	2.76	23,575	2,701	2.56
41°F (5°C)	28,552	2,287	3.66	28,136	2,388	3.45	27,720	2,513	3.23	27,166	2,614	3.05	26,611	2,714	2.87	26,057	2,865	2.67
47°F (8°C)	27,192	1,875	4.25	26,796	1,957	4.01	26,000	2,060	3.70	25,872	2,142	3.54	25,344	2,225	3.34	24,816	2,348	3.10
55°F (13°C)	28,552	1,818	4.60	28,136	1,898	4.34	27,720	1,998	4.07	27,166	2,078	3.83	26,611	2,158	3.61	26,057	2,278	3.35
65°F (18°C)	31,271	1,968	4.66	30,815	2,055	4.40	30,360	2,163	4.11	29,753	2,250	3.88	29,146	2,336	3.66	28,538	2,466	3.39
75°F (24°C)	33,990	2,118	4.70	33,495	2,211	4.44	33,000	2,328	4.15	32,340	2,421	3.92	31,680	2,514	3.69	31,020	2,654	3.43
86°F (30°C)	36,709	2,287	4.70	36,175	2,388	4.44	35,640	2,513	4.16	34,927	2,614	3.92	34,214	2,714	3.69	33,502	2,865	3.43

Cooling Capacity Data

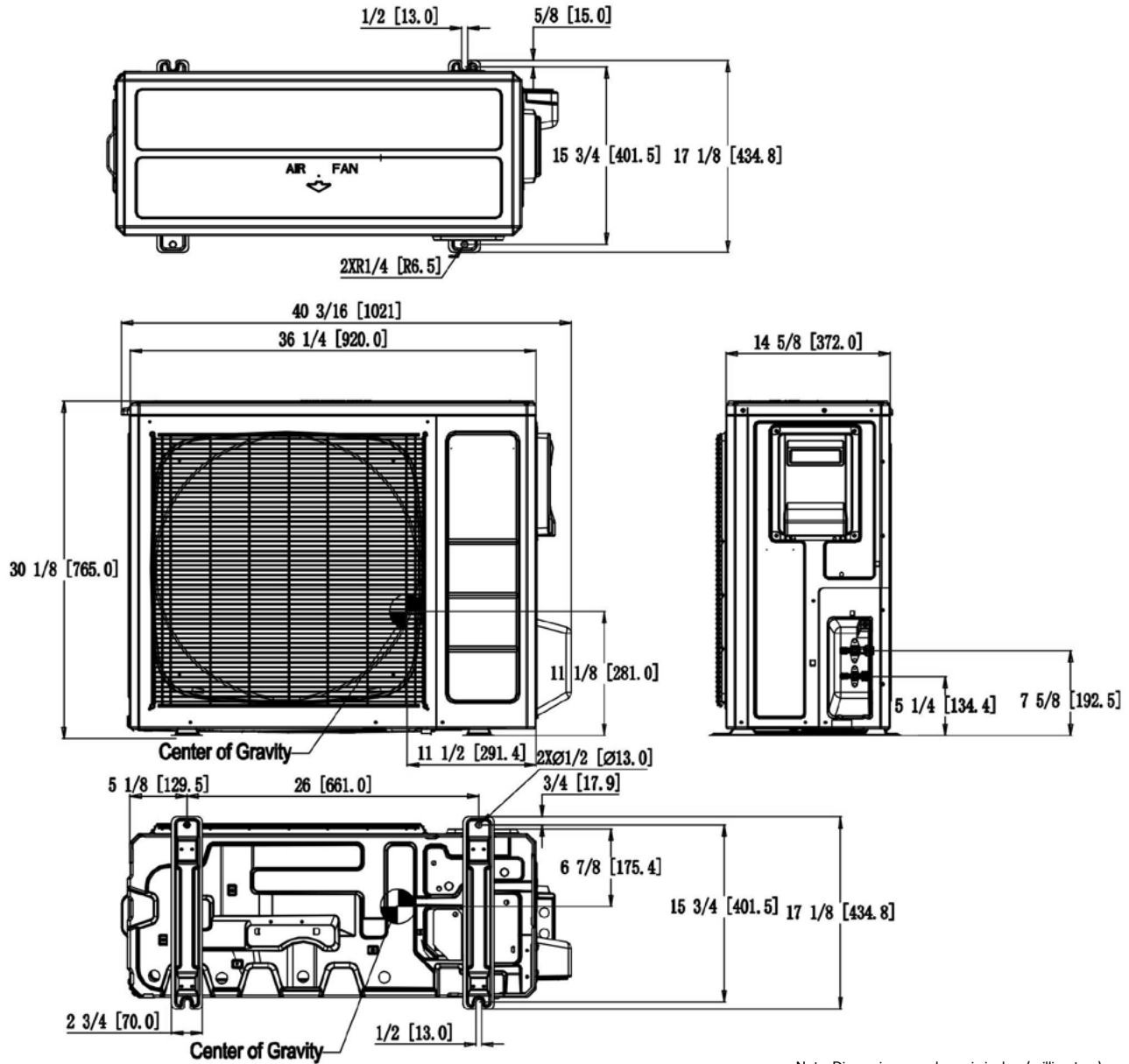
TC: Total Capacity PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60 / 50			64 / 53			70 / 57			75 / 62			80 / 67			86 / 72			90 / 75		
	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)	16,641	975	5.00	17,517	985	5.21	18,831	995	5.55	20,144	1,005	5.87	21,896	1,015	6.32	23,210	1,025	6.63	24,305	1,036	6.88
32°F (0°C)	17,726	1,259	4.13	18,659	1,272	4.30	20,059	1,285	4.57	21,458	1,298	4.84	23,324	1,311	5.21	24,723	1,324	5.47	25,890	1,338	5.67
50°F (10°C)	18,450	1,442	3.75	19,421	1,457	3.91	20,877	1,472	4.16	22,334	1,487	4.40	24,276	1,502	4.74	25,733	1,517	4.97	26,946	1,532	5.16
68°F (20°C)	20,801	1,726	3.53	21,896	1,744	3.68	23,538	1,762	3.92	25,180	1,780	4.15	27,370	1,798	4.46	29,012	1,816	4.68	30,381	1,834	4.86
86°F (30°C)	20,439	2,112	2.84	21,515	2,134	2.96	23,129	2,156	3.14	24,742	2,178	3.33	26,894	2,200	3.58	28,508	2,222	3.76	29,852	2,244	3.90
95°F (35°C)	18,088	1,974	2.69	19,040	1,996	2.80	20,468	2,015	2.98	21,896	2,036	3.15	24,000	2,051	3.43	25,228	2,076	3.56	26,418	2,101	3.69
104°F (40°C)	17,726	2,335	2.22	18,659	2,359	2.32	20,059	2,384	2.47	21,458	2,408	2.61	23,324	2,432	2.81	24,723	2,457	2.95	25,890	2,481	3.06
110°F (43°C)	17,184	2,477	2.03	18,088	2,503	2.12	19,445	2,529	2.25	20,801	2,554	2.39	22,610	2,580	2.57	23,967	2,606	2.70	25,097	2,632	2.79
115°F (46°C)	16,641	2,599	1.88	17,517	2,626	1.96	18,831	2,653	2.08	20,144	2,680	2.20	21,896	2,707	2.37	23,210	2,734	2.49	24,305	2,761	2.58

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

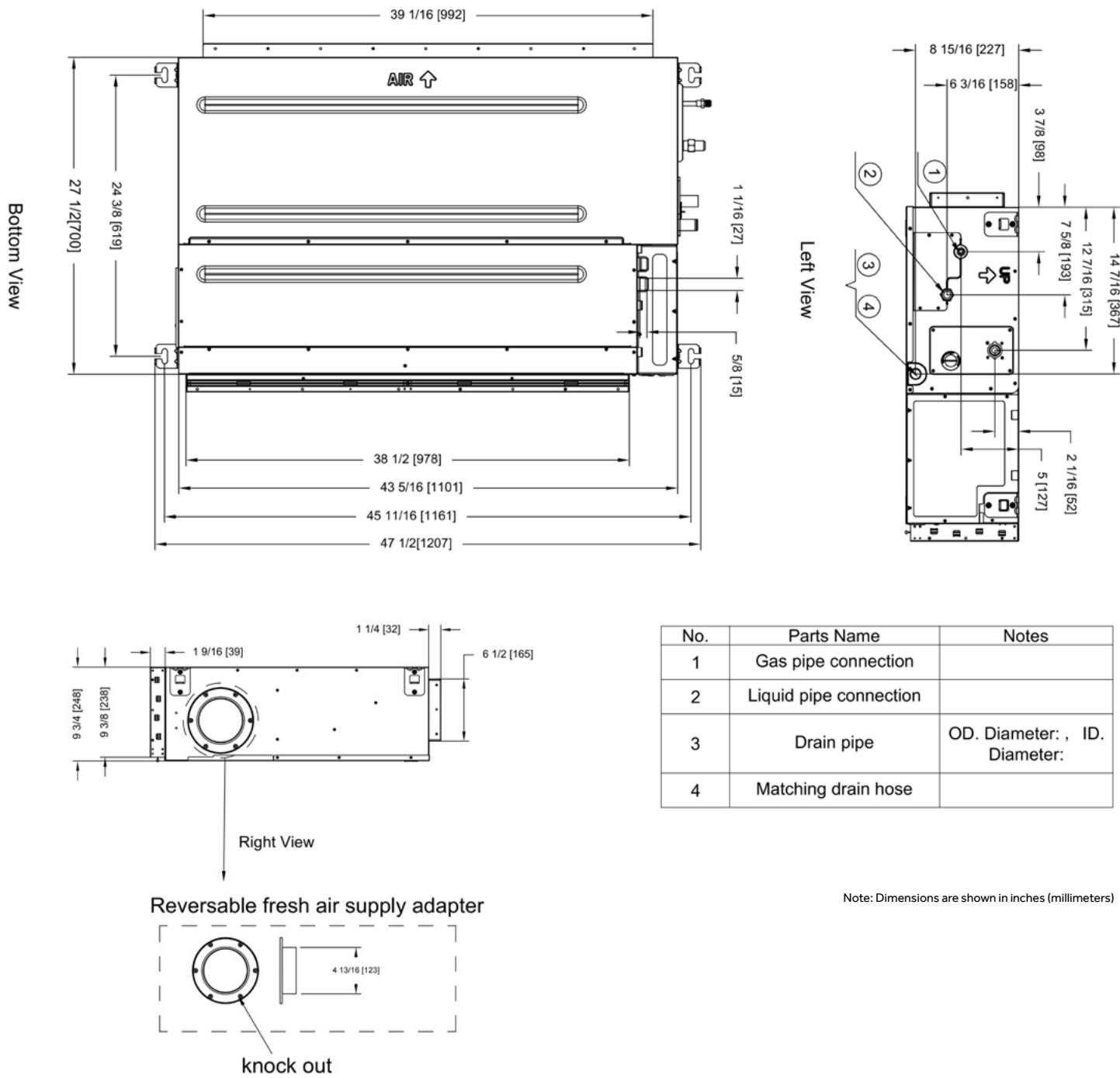
*Cooling capacities under low ambient temperatures below 23°F (-5°C) are tested when using wind baffle on outdoor unit.

1Q24RT2BEA



Note: Dimensions are shown in inches (millimeters)

US24MB2BEA



SUBMITTAL REVISION HISTORY

07-11-25: Submittal release.