

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

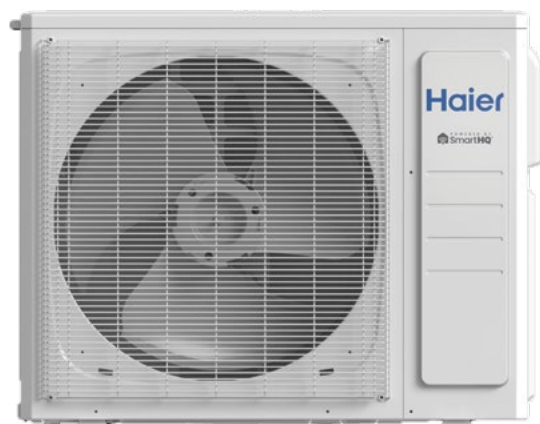
Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____

**3Q24RT2BEA****Outdoor Accessories**

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

Specifications

Operating Range*	Cooling without Wind Baffle °F (°C)	14~115°F (-10~46°C)
	Heating °F	-22~75°F (-30~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling Non-Ducted	Rated Capacity Btu/hr	24,000
	Capacity Range Btu/hr	4,000-25,000
	SEER2 / EER2	23.0/12.2
	Rated Power Input W	1,967
Heating Non-Ducted	Rated Heating capacity 47°F Btu/hr	25,000
	Heating Capacity Range Btu/hr	4,000-26,000
	COP @ 5°F	1.8
	HSPF2 (IV) / HSPF2(V)	10.5/8.0
	Rated Power Input W	2,035
Cooling Ducted	Rated Capacity Btu/hr	24,000
	Capacity Range Btu/hr	4,000-25,000
	SEER2 / EER2	17.2/10.5
	Rated Power Input W	2,286
Heating Ducted	Rated Heating capacity 47°F Btu/hr	26,000
	Heating Capacity Range Btu/hr	4,000-27,000
	COP @ 5°F	1.8
	HSPF2 (IV) / HSPF2(V)	10.0/7.6
	Rated Power Input W	2,177
Outdoor Unit	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
	Minimum Circuit Amp A	21
	Outdoor Noise Level dB	57
	Dimension: HxWxD in (mm)	30 1/8 x 37 3/16 x 15 13/16 (765 x 945 x 402)
	Carton Dimension: HxWxD in (mm)	33 1/16 x 40 13/16 x 18 13/16 (840 x 1036 x 478)
	Weight Ship / Net - lbs (kg)	132/150 (60/68)
	Basepan Heater	Yes
Refrigerant Line	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4 • 1/4 • 1/4
	Suction O.D. in	3/8 • 3/8 • 3/8
	Ships with Lineset Adapter*	WJ01X35716 (3/8" x 1/2")
	Factory Charge Oz	71
	Maximum Line Length Ft / m	197/60
	Maximum Height Ft / m	50/15
	Minimum Line Length for Each Individual Indoor Unit Ft / m	10/3
	Maximum Line Length for Each Individual Indoor Unit Ft / m	82/25
	Maximum Line Length without Additional Charge Ft / m	100/30

For more information visit us:

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*See Lineset Adapter Application Guide on following page for adapter usage requirements.

3Q24RT2BEA Lineset Adapter Application Guide

Combinations				
	Port C		Port B	Port A
	Port Size: 1/4" x 3/8"	Required Adapter	Port Size: 1/4" x 3/8"	Port Size: 1/4" x 3/8"
Two Zone	7K	-	7K	-
	9K	-	7K	-
	9K	-	9K	-
	12K	-	7K	-
	12K	-	9K	-
	12K	-	12K	-
	15K	-	7K	-
	15K	-	9K	-
	15K	-	12K	-
	15K	-	15K	-
	18K	D	7K	-
	18K	D	9K	-
	18K	D	12K	-
	7K	-	7K	7K
Three Zone	9K	-	7K	7K
	9K	-	9K	7K
	9K	-	9K	9K
	12K	-	7K	7K
	12K	-	9K	7K
	12K	-	9K	9K
	12K	-	12K	7K
	12K	-	12K	9K
	15K	-	7K	7K
	15K	-	9K	7K
	15K	-	9K	9K
	18K	D	7K	7K

Adapter	Part#	Description	Ships with ODU
D	WJ01X35716	3/8" to 1/2" (Vapor line for port C)	Yes (x1)

3Q24RT2BEA**Heating Capacity Data (Non-Ducted)**

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)	16,679	3,092	1.58	16,514	3,155	1.53	16,350	3,252	1.47	16,667	3,423	1.43	15,709	3,492	1.32	15,552	3,527	1.29	15,396	3,562	1.27
-15°F (-26°C)	20,340	3,155	1.89	20,139	3,219	1.83	19,939	3,319	1.76	18,519	3,493	1.55	19,157	3,563	1.58	18,966	3,599	1.54	18,776	3,635	1.51
-5°F (-21°C)	21,410	3,219	1.95	21,198	3,285	1.89	20,989	3,386	1.82	20,577	3,565	1.69	20,165	3,636	1.63	19,964	3,672	1.59	19,764	3,709	1.56
0°F (-18°C)	22,537	3,285	2.01	22,314	3,352	1.95	22,093	3,455	1.87	21,660	3,637	1.74	21,227	3,710	1.68	21,015	3,747	1.64	20,804	3,785	1.61
5°F (-15°C)	23,723	3,352	2.07	23,489	3,420	2.01	23,256	3,526	1.93	22,800	3,712	1.80	22,344	3,786	1.73	22,121	3,824	1.70	21,899	3,862	1.66
14°F (-10°C)	24,340	3,039	2.35	24,099	3,101	2.28	23,860	3,197	2.19	23,392	3,366	2.04	22,924	3,433	1.96	22,695	3,467	1.92	22,468	3,502	1.88
23°F (-5°C)	24,908	2,720	2.68	24,662	2,776	2.60	24,418	2,862	2.50	23,939	3,012	2.33	23,460	3,072	2.24	23,226	3,103	2.19	22,993	3,134	2.15
32°F (0°C)	25,454	2,398	3.11	25,202	2,447	3.02	24,952	2,522	2.90	24,463	2,655	2.70	23,974	2,708	2.59	23,734	2,735	2.54	23,496	2,763	2.49
41°F (5°C)	25,999	2,075	3.67	25,741	2,118	3.56	25,486	2,183	3.42	24,987	2,298	3.19	24,487	2,344	3.06	24,242	2,367	3.00	24,000	2,391	2.94
47°F (8°C)	26,013	1,838	4.15	25,755	1,875	4.02	25,500	1,933	3.87	25,000	2,035	3.60	24,500	2,076	3.46	24,255	2,096	3.39	24,012	2,117	3.32
55°F (13°C)	26,793	1,801	4.36	26,528	1,838	4.23	26,265	1,894	4.06	25,750	1,994	3.78	25,235	2,034	3.64	24,983	2,054	3.56	24,733	2,075	3.49
65°F (18°C)	25,453	1,531	4.87	25,201	1,562	4.73	24,952	1,610	4.54	24,463	1,695	4.23	23,973	1,729	4.06	23,734	1,746	3.98	23,496	1,764	3.90
75°F (24°C)	24,181	1,362	5.20	23,941	1,390	5.05	23,704	1,433	4.85	23,239	1,509	4.51	22,775	1,539	4.34	22,547	1,554	4.25	22,321	1,570	4.17

Cooling Capacity Data (Non-Ducted)

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
14°F (-10°C)	17,766	847	20.96	20,901	963	21.70	22,718	1,035	21.94	23,914	1,079	22.17	24,654	1,101	22.40	25,393	1,123	22.62	26,663	1,190	22.41
32°F (0°C)	18,506	892	20.75	21,772	1,014	21.48	23,665	1,090	21.71	24,910	1,135	21.94	25,681	1,159	22.17	26,451	1,182	22.38	27,774	1,253	22.17
50°F (10°C)	19,078	939	20.32	22,445	1,067	21.04	24,397	1,147	21.26	25,681	1,195	21.49	26,475	1,220	21.71	27,269	1,244	21.92	28,633	1,319	21.72
68°F (20°C)	18,704	1,043	17.93	22,005	1,186	18.56	23,918	1,275	18.76	25,177	1,328	18.96	25,956	1,355	19.16	26,735	1,382	19.34	28,071	1,465	19.16
86°F (30°C)	18,159	1,242	14.62	21,364	1,411	15.14	23,222	1,518	15.30	24,444	1,581	15.46	25,200	1,613	15.62	25,956	1,645	15.78	27,254	1,744	15.63
95°F (35°C)	17,295	1,515	11.42	20,347	1,721	11.82	22,116	1,851	11.95	23,280	1,928	12.08	24,000	1,967	12.20	24,720	2,007	12.32	25,956	2,127	12.20
104°F (40°C)	16,603	1,606	10.34	19,533	1,824	10.71	21,231	1,962	10.82	22,349	2,044	10.94	23,040	2,085	11.05	23,731	2,127	11.16	24,918	2,255	11.05
110°F (43°C)	15,607	1,654	9.44	18,361	1,879	9.77	19,957	2,021	9.88	21,008	2,105	9.98	21,658	2,148	10.08	22,307	2,191	10.18	23,423	2,322	10.09
115°F (46°C)	14,046	1,621	8.67	16,525	1,842	8.97	17,962	1,980	9.07	18,907	2,063	9.17	19,492	2,105	9.26	20,077	2,147	9.35	21,080	2,276	9.26

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.

3Q24RT2BEA**Heating Capacity Data (Ducted)**

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)	16,093	2,983	1.58	15,934	3,044	1.53	15,776	3,138	1.47	16,083	3,303	1.43	15,158	3,369	1.32	15,006	3,403	1.29	14,856	3,437	1.27
-15°F (-26°C)	19,626	3,044	1.89	19,432	3,106	1.83	19,239	3,202	1.76	17,870	3,371	1.55	18,485	3,438	1.58	18,300	3,472	1.54	18,117	3,507	1.51
-5°F (-21°C)	20,659	3,106	1.95	20,455	3,169	1.89	20,252	3,267	1.82	19,855	3,439	1.69	19,458	3,508	1.63	19,263	3,543	1.59	19,071	3,579	1.56
0°F (-18°C)	21,746	3,169	2.01	21,531	3,234	1.95	21,318	3,334	1.87	20,900	3,510	1.74	20,482	3,580	1.68	20,277	3,616	1.64	20,074	3,652	1.61
5°F (-15°C)	22,891	3,234	2.07	22,664	3,300	2.01	22,440	3,402	1.93	22,000	3,581	1.80	21,560	3,653	1.73	21,344	3,689	1.70	21,131	3,726	1.66
14°F (-10°C)	23,910	2,975	2.36	23,674	3,035	2.29	23,439	3,129	2.19	22,980	3,294	2.04	22,520	3,360	1.96	22,295	3,393	1.93	22,072	3,427	1.89
23°F (-5°C)	24,884	2,709	2.69	24,637	2,764	2.61	24,393	2,849	2.51	23,915	2,999	2.34	23,437	3,059	2.24	23,202	3,090	2.20	22,970	3,121	2.16
32°F (0°C)	25,834	2,439	3.10	25,579	2,489	3.01	25,325	2,566	2.89	24,829	2,701	2.69	24,332	2,755	2.59	24,089	2,783	2.54	23,848	2,810	2.49
41°F (5°C)	26,785	2,170	3.62	26,520	2,214	3.51	26,257	2,283	3.37	25,742	2,403	3.14	25,227	2,451	3.02	24,975	2,475	2.96	24,725	2,500	2.90
47°F (8°C)	27,053	1,966	4.03	26,785	2,006	3.91	26,520	2,068	3.76	26,000	2,177	3.50	25,480	2,220	3.36	25,225	2,242	3.30	24,973	2,265	3.23
55°F (13°C)	27,865	1,926	4.24	27,589	1,966	4.11	27,316	2,026	3.95	26,780	2,133	3.68	26,244	2,176	3.53	25,982	2,198	3.46	25,722	2,220	3.40
65°F (18°C)	26,471	1,637	4.74	26,209	1,671	4.60	25,950	1,723	4.41	25,441	1,813	4.11	24,932	1,849	3.95	24,683	1,868	3.87	24,436	1,887	3.80
75°F (24°C)	25,148	1,457	5.06	24,899	1,487	4.91	24,652	1,533	4.71	24,169	1,614	4.39	23,686	1,646	4.22	23,449	1,662	4.13	23,214	1,679	4.05

Cooling Capacity Data (Ducted)

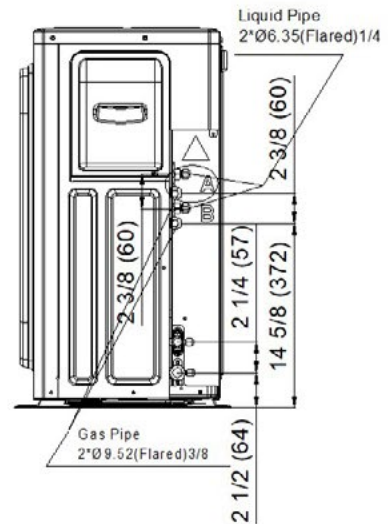
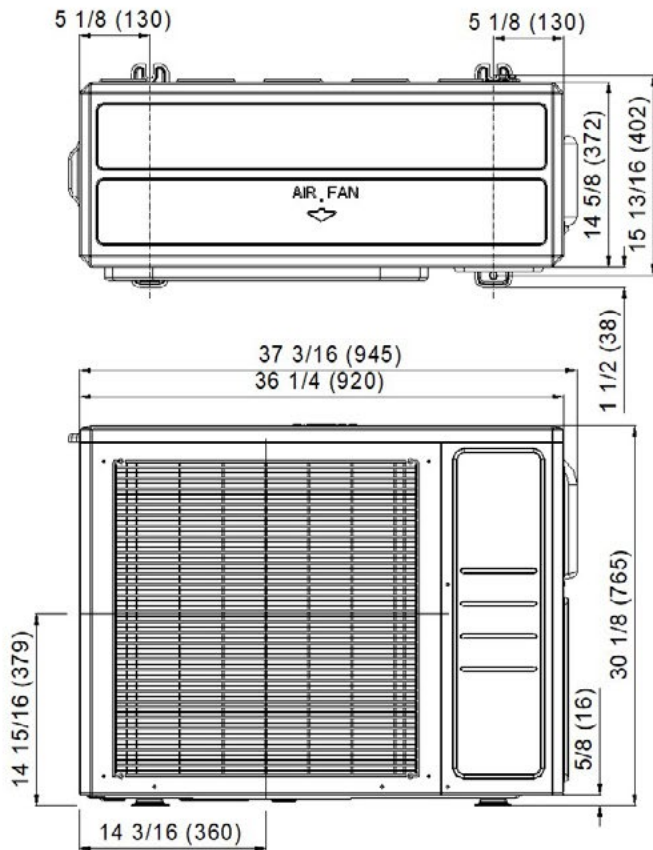
TC: Total Capacity PI: Power Input

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
14°F (-10°C)	17,766	985	18.04	20,901	1,119	18.68	22,718	1,203	18.88	23,914	1,253	19.08	24,654	1,279	19.28	25,393	1,304	19.47	26,663	1,383	19.28
32°F (0°C)	18,506	1,036	17.86	21,772	1,178	18.49	23,665	1,266	18.69	24,910	1,319	18.88	25,681	1,346	19.08	26,451	1,373	19.26	27,774	1,455	19.08
50°F (10°C)	19,078	1,091	17.49	22,445	1,240	18.10	24,397	1,333	18.30	25,681	1,389	18.49	26,475	1,417	18.68	27,269	1,445	18.87	28,633	1,532	18.69
68°F (20°C)	18,704	1,212	15.43	22,005	1,378	15.97	23,918	1,481	16.15	25,177	1,543	16.32	25,956	1,574	16.49	26,735	1,606	16.65	28,071	1,702	16.49
86°F (30°C)	18,159	1,443	12.58	21,364	1,640	13.03	23,222	1,763	13.17	24,444	1,837	13.31	25,200	1,874	13.45	25,956	1,912	13.58	27,254	2,026	13.45
95°F (35°C)	17,295	1,760	9.83	20,347	2,000	10.17	22,116	2,150	10.28	23,280	2,240	10.39	24,000	2,286	10.50	24,720	2,331	10.60	25,956	2,471	10.50
104°F (40°C)	16,603	1,865	8.90	19,533	2,120	9.21	21,231	2,279	9.31	22,349	2,374	9.41	23,040	2,423	9.51	23,731	2,471	9.60	24,918	2,620	9.51
110°F (43°C)	15,607	1,921	8.12	18,361	2,183	8.41	19,957	2,348	8.50	21,008	2,446	8.59	21,658	2,496	8.68	22,307	2,545	8.76	23,423	2,698	8.68
115°F (46°C)	14,046	1,883	7.46	16,525	2,140	7.72	17,962	2,301	7.81	18,907	2,397	7.89	19,492	2,446	7.97	20,077	2,495	8.05	21,080	2,644	7.97

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.

3Q24RT2BEA



Note: Dimensions are shown in inches (millimeters)

SUBMITTAL REVISION HISTORY

03-24-25: Submittal release.