

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____

**4Q36FF2BEA****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	-4~75°F (-20~24°C)
Power	Voltage, Cycle, Phase (V/Hz/-)	208-230/60/1
	Operating Voltage Range	187-253 VAC
Cooling Non-Ducted	Rated Capacity Btu/hr	35,000
	Capacity Range Btu/hr	6,500-36,000
	SEER2 / EER2	20.0/10.0
	Rated Power Input W	3,500
Heating Non-Ducted	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) / HSPF2(V)	10.0/7.4
Cooling Ducted	Rated Capacity Btu/hr	33,400
	Capacity Range Btu/hr	6,500-34,000
	SEER2 / EER2	16.5/8.8
	Rated Power Input W	3,795
Heating Ducted	Rated Heating capacity 47°F Btu/hr	35,600
	Heating Capacity Range Btu/hr	6,500-36,000
	COP @ 5°F	1.8
	HSPF2 (IV) / HSPF2(V)	9.3/7.0
Outdoor Unit	Rated Power Input W	3,161
	Compressor	DC Inverter Rotary
	Maximum Fuse Size A	30
	Minimum Circuit Amp A	22
Refrigerant Line	Outdoor Noise Level dB	58
	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)	134/152 (61/69)
Refrigerant Line	Basepan Heater	No
	Refrigerant	R454B
	Connections	Flare
	Liquid O.D. in	1/4 • 1/4 • 1/4 • 1/4
	Suction O.D. in	3/8 • 3/8 • 3/8 • 1/2
	Ships with Lineset Adapters*	WJ01X35716 (3/8" x 1/2") WJ01X35717 (1/2" x 3/8")
	Factory Charge Oz	81
	Maximum Line Length Ft / m	230/70
	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	131/40

4Q36FF2BEA Lineset Adapter Application Guide

	Combinations					
	Port D		Port C		Port B	Port A
	Port Size: 1/4" x 1/2"	Required Adapter	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	18K	-	9K	-	-	-
	18K	-	12K	-	-	-
	18K	-	15K	-	-	-
	18K	-	18K	D	-	-
	18K	-	24K	A, B D	-	-
	24K	A, C -	7K	-	-	-
	24K	A, C -	9K	-	-	-
	24K	A, C -	12K	-	-	-
	24K	A, C -	15K	-	-	-
	24K	A, C -	24K	A, B D	-	-
Three Zone	-	-	9K	-	9K	9K
	-	-	12K	-	9K	7K
	-	-	12K	-	9K	9K
	-	-	12K	-	12K	7K
	-	-	12K	-	12K	9K
	-	-	12K	-	12K	12K
	-	-	15K	-	7K	7K
	-	-	15K	-	9K	7K
	-	-	15K	-	12K	7K
	-	-	15K	-	15K	7K
	-	-	15K	-	12K	7K
	-	-	15K	-	9K	9K
	-	-	15K	-	12K	9K
	-	-	15K	-	15K	9K
	-	-	15K	-	12K	12K
	-	-	15K	-	15K	12K
	-	-	15K	-	15K	15K
	18K	-	7K	-	7K	-
	18K	-	9K	-	7K	-
	18K	-	9K	-	9K	-
	18K	-	12K	-	7K	-
	18K	-	12K	-	9K	-
	18K	-	12K	-	12K	-
	18K	-	15K	-	7K	-
	18K	-	15K	-	9K	-
	18K	-	15K	-	12K	-
	18K	-	15K	-	15K	-
	18K	-	18K	D	7K	-
	18K	-	18K	D	9K	-
	18K	-	18K	D	12K	-
	24K	A, C -	7K	-	7K	-
	24K	A, C -	9K	-	7K	-
	24K	A, C -	9K	-	9K	-
	24K	A, C -	12K	-	7K	-
	24K	A, C -	12K	-	9K	-
	24K	A, C -	12K	-	12K	-
	24K	A, C -	15K	-	7K	-
	24K	A, C -	15K	-	9K	-

	Combinations					
	Port D		Port C		Port B	Port A
	Port Size: 1/4" x 1/2"	Required Adapter	Port Size: 1/4" x 3/8"	Required Adapter	Port Size: 1/4" x 3/8"	Port Size: 1/4" x 3/8"
Four Zone	7K	E	7K	-	7K	7K
	9K	E	7K	-	7K	7K
	9K	E	9K	-	7K	7K
	9K	E	9K	-	9K	7K
	9K	E	9K	-	9K	9K
	12K	E	7K	-	7K	7K
	12K	E	9K	-	7K	7K
	12K	E	9K	-	9K	7K
	12K	E	9K	-	9K	9K
	12K	E	12K	-	7K	7K
	12K	E	12K	-	9K	7K
	12K	E	12K	-	12K	7K
	12K	E	12K	-	12K	9K
	12K	E	12K	-	12K	12K
	15K	E	7K	-	7K	7K
	15K	E	9K	-	7K	7K
	15K	E	9K	-	9K	7K
	15K	E	9K	-	9K	9K
	15K	E	12K	-	7K	7K
	15K	E	12K	-	9K	7K
	15K	E	12K	-	9K	9K
	15K	E	12K	-	12K	7K
	15K	E	12K	-	12K	9K
	15K	E	12K	-	12K	9K
	15K	E	15K	-	7K	7K
	15K	E	15K	-	9K	7K
	15K	E	15K	-	9K	9K
	18K	-	7K	-	7K	7K
	18K	-	9K	-	7K	7K
	18K	-	9K	-	9K	7K
	18K	-	9K	-	9K	9K
	18K	-	12K	-	7K	7K
	18K	-	12K	-	9K	7K
	18K	-	12K	-	9K	9K
	18K	-	15K	-	7K	7K
	24K	A, C -	7K	-	7K	7K
	24K	A, C -	9K	-	7K	7K

These 24K models require 3/8" liquid and 5/8" vapor linesets
US24LB2BE**, US24MB2BE**

These 24K models require 1/4" liquid and 1/2" vapor linesets
QS24WB2BE**, QS24WP2BE**

All 18K models require 1/4" liquid and 1/2" vapor linesets.

All 7K, 9K, 12K and 15K models require 1/4" liquid and 3/8" vapor linesets.

Adapter	Part#	Description	Ships with ODU
A	WJ01X35713	1/4" to 3/8" (Liquid line for ports C & D)	No
B	WJ01X35714	3/8" to 5/8" (Vapor line for port C)	No
C	WJ01X35715	1/2" to 5/8" (Vapor line for port D)	No
D	WJ01X35716	3/8" to 1/2" (Vapor line for port C)	Yes (x1)
E	WJ01X35717	1/2" to 3/8" (Vapor line for port C or D)	Yes (x1)

4Q36FF2BEA

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
-4°F (-20°C)	21,598	3,247	1.95	21,384	3,314	1.89	21,173	3,416	1.82	20,758	3,596	1.69	20,342	3,668	1.63	20,139	3,704	1.59	19,938	3,741	1.56
0°F (-18°C)	22,735	3,314	2.01	22,510	3,381	1.95	22,287	3,486	1.87	21,850	3,669	1.74	21,413	3,743	1.68	21,199	3,780	1.64	20,987	3,818	1.61
5°F (-15°C)	23,932	3,381	2.07	23,695	3,450	2.01	23,460	3,557	1.93	23,000	3,744	1.80	22,540	3,819	1.73	22,315	3,857	1.70	22,091	3,896	1.66
14°F (-10°C)	26,992	3,310	2.39	26,725	3,378	2.32	26,460	3,482	2.23	25,941	3,665	2.07	25,422	3,739	1.99	25,168	3,776	1.95	24,916	3,814	1.91
23°F (-5°C)	30,004	3,232	2.72	29,707	3,298	2.64	29,413	3,400	2.53	28,836	3,579	2.36	28,259	3,651	2.27	27,977	3,687	2.22	27,697	3,724	2.18
32°F (0°C)	32,993	3,151	3.07	32,666	3,216	2.98	32,342	3,315	2.86	31,708	3,490	2.66	31,074	3,559	2.56	30,763	3,595	2.51	30,456	3,631	2.46
41°F (5°C)	35,981	3,070	3.43	35,625	3,133	3.33	35,272	3,230	3.20	34,580	3,400	2.98	33,889	3,468	2.86	33,550	3,502	2.81	33,214	3,537	2.75
47°F (8°C)	37,458	2,977	3.69	37,087	3,038	3.58	36,720	3,132	3.44	36,000	3,296	3.20	35,280	3,362	3.07	34,927	3,396	3.01	34,578	3,430	2.95
55°F (13°C)	38,582	2,917	3.88	38,200	2,977	3.76	37,822	3,069	3.61	37,080	3,230	3.36	36,338	3,295	3.23	35,975	3,328	3.17	35,615	3,361	3.10
65°F (18°C)	36,653	2,480	4.33	36,290	2,530	4.20	35,931	2,609	4.04	35,226	2,746	3.76	34,521	2,801	3.61	34,176	2,829	3.54	33,835	2,857	3.47
75°F (24°C)	34,820	2,207	4.62	34,475	2,252	4.49	34,134	2,322	4.31	33,465	2,444	4.01	32,795	2,493	3.86	32,467	2,518	3.78	32,143	2,543	3.70

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)	25,908	1,508	17.18	30,480	1,713	17.79	33,131	1,842	17.98	34,875	1,919	18.17	35,953	1,958	18.36	37,032	1,997	18.54	38,883	2,117	18.37
32°F (0°C)	26,988	1,587	17.01	31,750	1,803	17.61	34,511	1,939	17.80	36,328	2,020	17.98	37,451	2,061	18.17	38,575	2,102	18.35	40,504	2,229	18.17
50°F (10°C)	27,823	1,671	16.65	32,732	1,898	17.24	35,579	2,041	17.43	37,451	2,126	17.61	38,610	2,170	17.79	39,768	2,213	17.97	41,756	2,346	17.80
68°F (20°C)	27,277	1,856	14.70	32,091	2,109	15.21	34,881	2,268	15.38	36,717	2,363	15.54	37,853	2,411	15.70	38,988	2,459	15.86	40,937	2,607	15.71
86°F (30°C)	26,483	2,210	11.98	31,156	2,511	12.41	33,865	2,700	12.54	35,648	2,813	12.67	36,750	2,870	12.80	37,853	2,927	12.93	39,745	3,103	12.81
95°F (35°C)	25,221	2,695	9.36	29,672	3,062	9.69	32,253	3,293	9.79	33,950	3,430	9.90	35,000	3,500	10.00	36,050	3,570	10.10	37,853	3,784	10.00
104°F (40°C)	24,213	2,857	8.48	28,485	3,246	8.78	30,962	3,490	8.87	32,592	3,636	8.96	33,600	3,710	9.06	34,608	3,784	9.15	36,338	4,011	9.06
110°F (43°C)	22,760	2,942	7.74	26,776	3,343	8.01	29,105	3,595	8.10	30,636	3,745	8.18	31,584	3,821	8.27	32,532	3,898	8.35	34,158	4,132	8.27
115°F (46°C)	20,484	2,883	7.10	24,099	3,277	7.35	26,194	3,523	7.43	27,573	3,670	7.51	28,426	3,745	7.59	29,278	3,820	7.66	30,742	4,049	7.59

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.

4Q36FF2BEA**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
-4°F (-20°C)	19,720	2,965	1.95	19,525	3,025	1.89	19,332	3,119	1.82	18,953	3,283	1.69	18,573	3,349	1.63	18,388	3,382	1.59	18,204	3,416	1.56
0°F (-18°C)	20,758	3,025	2.01	20,552	3,087	1.95	20,349	3,183	1.87	19,950	3,350	1.74	19,551	3,417	1.68	19,355	3,451	1.64	19,162	3,486	1.61
5°F (-15°C)	21,851	3,087	2.07	21,634	3,150	2.01	21,420	3,248	1.93	21,000	3,419	1.80	20,580	3,487	1.73	20,374	3,522	1.70	20,170	3,557	1.66
14°F (-10°C)	25,262	3,052	2.43	25,012	3,114	2.35	24,764	3,211	2.26	24,279	3,380	2.10	23,793	3,447	2.02	23,555	3,482	1.98	23,320	3,516	1.94
23°F (-5°C)	28,630	3,011	2.79	28,347	3,072	2.70	28,066	3,167	2.60	27,516	3,334	2.42	26,966	3,401	2.32	26,696	3,435	2.28	26,429	3,469	2.23
32°F (0°C)	31,976	2,966	3.16	31,660	3,027	3.06	31,346	3,121	2.94	30,732	3,285	2.74	30,117	3,350	2.63	29,816	3,384	2.58	29,518	3,418	2.53
41°F (5°C)	35,323	2,922	3.54	34,973	2,982	3.44	34,627	3,074	3.30	33,948	3,236	3.07	33,269	3,300	2.95	32,936	3,333	2.90	32,607	3,367	2.84
47°F (8°C)	37,042	2,855	3.80	36,675	2,913	3.69	36,312	3,003	3.54	35,600	3,161	3.30	34,888	3,224	3.17	34,539	3,256	3.11	34,194	3,289	3.05
55°F (13°C)	38,153	2,798	4.00	37,775	2,855	3.88	37,401	2,943	3.72	36,668	3,098	3.47	35,935	3,160	3.33	35,575	3,191	3.27	35,220	3,223	3.20
65°F (18°C)	36,245	2,378	4.47	35,887	2,426	4.33	35,531	2,501	4.16	34,835	2,633	3.88	34,138	2,686	3.72	33,797	2,713	3.65	33,459	2,740	3.58
75°F (24°C)	34,433	2,116	4.77	34,092	2,160	4.63	33,755	2,226	4.44	33,093	2,343	4.14	32,431	2,390	3.98	32,107	2,414	3.90	31,786	2,438	3.82

Cooling Capacity Data (Ducted)

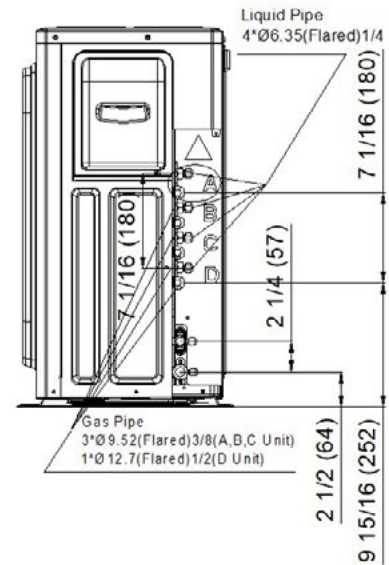
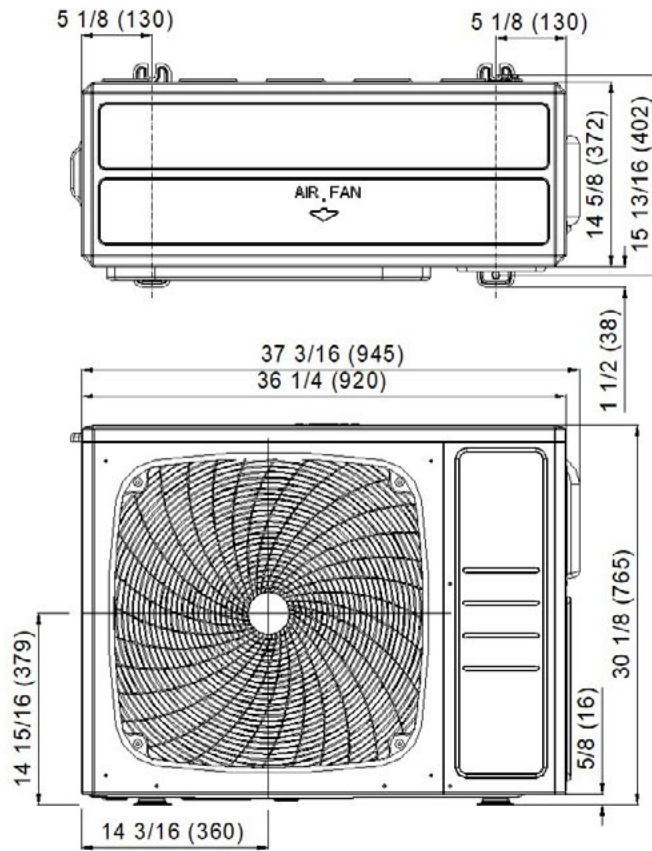
TC: Total Capacity PI: Power Input

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)	24,724	1,635	15.12	29,087	1,858	15.66	31,616	1,998	15.83	33,280	2,081	15.99	34,310	2,123	16.16	35,339	2,166	16.32	37,106	2,296	16.16
32°F (0°C)	25,754	1,721	14.96	30,299	1,956	15.49	32,934	2,103	15.66	34,667	2,191	15.83	35,739	2,235	15.99	36,811	2,280	16.15	38,652	2,417	15.99
50°F (10°C)	26,551	1,812	14.66	31,236	2,059	15.17	33,952	2,214	15.34	35,739	2,306	15.50	36,845	2,353	15.66	37,950	2,400	15.81	39,847	2,544	15.66
68°F (20°C)	26,030	2,013	12.93	30,624	2,287	13.39	33,287	2,460	13.53	35,038	2,562	13.68	36,122	2,614	13.82	37,206	2,667	13.95	39,066	2,827	13.82
86°F (30°C)	25,272	2,396	10.55	29,732	2,723	10.92	32,317	2,928	11.04	34,018	3,050	11.15	35,070	3,112	11.27	36,122	3,175	11.38	37,928	3,365	11.27
95°F (35°C)	24,068	2,922	8.24	28,316	3,321	8.53	30,778	3,571	8.62	32,398	3,720	8.71	33,400	3,795	8.80	34,402	3,871	8.89	36,122	4,104	8.80
104°F (40°C)	23,106	3,098	7.46	27,183	3,520	7.72	29,547	3,785	7.81	31,102	3,943	7.89	32,064	4,023	7.97	33,026	4,104	8.05	34,677	4,350	7.97
110°F (43°C)	21,719	3,191	6.81	25,552	3,626	7.05	27,774	3,899	7.12	29,236	4,061	7.20	30,140	4,144	7.27	31,044	4,227	7.34	32,597	4,480	7.28
115°F (46°C)	19,547	3,127	6.25	22,997	3,553	6.47	24,997	3,821	6.54	26,312	3,980	6.61	27,126	4,061	6.68	27,940	4,142	6.75	29,337	4,391	6.68

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.

4Q36FF2BEA



Note: Dimensions are shown in inches (millimeters)

SUBMITTAL REVISION HISTORY

03-25-25: Submittal release.