

No.	English	unit	Specs	Specs	Specs	Specs	Specs
3	Product Model	-	AASDCI7H4R30	AASDCI7H4R30	AASDCI7H4R36	AASDCI7H4R60	AASDCI7H4R60
4	Product Code	-	CF090W3410-24G	CF090W3410	CF090W3370	CF090W3380-48G	CF090W3380
1869	Product Categories	-					
1870	Product Subcategories	-					
5	Series Name	-	R32 heat pump Unitary Split Air Conditioner	R32 heat pump Unitary Split Air Conditioner	R32 heat pump Unitary Split Air Conditioner	R32 heat pump Unitary Split Air Conditioner	R32 heat pump Unitary Split Air Conditioner
22	Target Country or Area	-	North America	North America	North America	North America	North America
1786	Indoor Unit Type	-	Airhandler	Airhandler	Airhandler	Airhandler	Airhandler
1775	Indoor Unit Model	-	AASDEM7H4R24-S	AASDEM7H4R30-S	AASDEM7H4R36-S	AASDEM7H4R48-S	AASDEM7H4R60-S
1776	Indoor Unit Product Code	-	EH010N0290	EH010N0300	EH010N0310	EH010N0280	EH010N0270
27	Cooling Capacity	kW	7.0	8.2	10.0	14.07	15.83
28	Cooling Capacity	Btu/h	24000	28000	34000	48000	54000
31	Cooling Capacity Range	kW	-	-	-	-	-
32	Cooling Capacity Range	Btu/h	-	-	-	-	-
34	Cooling Capacity (T3)	kW	/	/	/	/	/
35	Cooling Capacity (T3)	Btu/h	/	/	/	/	/
1835	Cooling Capacity (T4)	kW	/	/	/	/	/
1836	Cooling Capacity (T4)	Btu/h	/	/	/	/	/
36	Cooling Capacity Range (T3)	kW	/	/	/	/	/
37	Cooling Capacity Range (T3)	Btu/h	/	/	/	/	/
1837	Cooling Capacity Range (T4)	kW	/	/	/	/	/
1838	Cooling Capacity Range (T4)	Btu/h	/	/	/	/	/
38	Pdesignc	kW	/	/	/	/	/
39	Heating Capacity	kW	7.0	8.2	10.0	14.07	15.83
40	Heating Capacity	Btu/h	24000	28000	34000	48000	54000
43	Heating Capacity Range	kW	-	-	-	-	-
44	Heating Capacity Range	Btu/h	-	-	-	-	-
46	Pdesignh (Average)	kW	/	/	/	/	/
47	Pdesignh (Warmer)	kW	/	/	/	/	/
48	Pdesignh (Colder)	kW	/	/	/	/	/
84	Pdesignh (-10℃)	kW	/	/	/	/	/
85	EER	W/W	3.43	3.43	3.43	3.43	3.43
86	EER	(Btu/h)/W	11.7	11.7	11.7	11.70	11.70
87	EER (T3)	W/W	/	/	/	/	/
88	EER (T3)	(Btu/h)/W	/	/	/	/	/
1839	EER (T4)	W/W	/	/	/	/	/
1840	EER (T4)	(Btu/h)/W	/	/	/	/	/
89	COP	W/W	3.50	3.46	3.50	3.40	3.40
90	COP	(Btu/h)/W	11.9	11.8	11.9	11.60	11.60
92	R	-	/	/	/	/	/
93	SEER	-	18.5	18	19.0	20	19
94	HSPF	-	8.3	8.3	8.3	9.5	9.5
95	SCOP (Average)	-	/	/	/	/	/
96	SCOP (Warmer)	-	/	/	/	/	/
97	SCOP (Colder)	-	/	/	/	/	/
98	AEER	-	/	/	/	/	/
99	ACOP	-	/	/	/	/	/
121	Cooling Max. Frequency	Hz	/	/	/	/	/
122	Cooling Min. Frequency	Hz	/	/	/	/	/
123	Cooling Mid. Frequency	Hz	/	/	/	/	/
124	Heating Max. Frequency	Hz	/	/	/	/	/
125	Heating Min. Frequency	Hz	/	/	/	/	/
126	Heating Mid. Frequency	Hz	/	/	/	/	/
127	Energy Class	-	/	/	/	/	/
128	ECOP	-	/	/	/	/	/
129	Air Flow Volume	m3/h	3800	3800	3800	6800	6800
130	Air Flow Volume	CFM	2235	2235	2235	4000	4000
153	Sound Pressure Level (H)	dB(A)	56	58	60	62	62
155	Sound Pressure Level (M)	dB(A)	/	/	/	/	/
157	Sound Pressure Level (L)	dB(A)	/	/	/	/	/
170	Sound Power Level (H)	dB(A)	66	68	70	72	72
172	Sound Power Level (M)	dB(A)	/	/	/	/	/
174	Sound Power Level (L)	dB(A)	/	/	/	/	/
190	Dehumidifying Volume	L/h	/	/	/	/	/
191	Dehumidifying Volume	Pint/h	/	/	/	/	/
196	Application Area	m2	/	/	/	/	/

472	Rated Voltage	V	208/230	208/230	208/230	208/230	208/230
473	Rated Frequency	Hz	60	60	60	60	60
474	Phases	-	1	1	1	1	1
475	Min/Max. Voltage	V	187/253	187/253	187/253	187/253	187/253
477	Cross-sectional Area of Power Cable Conductor	mm ²	/	/	/	/	/
478	Cross-sectional Area of Power Cable Conductor Recommended Power	sq in	/	/	/	/	/
485	Cable Length	N	3	3	3	3	3
491	Fuse Current	A	/	/	/	/	/
492	Circuit Breaker	A	25	25	25	40	/
497	Chassis Electrical Heater Line Power Input	W/m	40	40	40	40	40
498	Chassis Electrical Heater Line Power Input	W/ft	12	12	12	12	12
499	Chassis Electrical Heater Line Length	m	4	4	4	4	4
500	Chassis Electrical Heater Line Length	ft	13.1	13.1	13.1	13.1	13.1
502	Cooling Power Input	kW	2.05	2.39	2.91	4.10	4.62
503	Cooling Power Input(T3)	kW	-	-	-	/	/
1844	Cooling Power Input(T4)	kW	/	/	/	/	/
504	Cooling Power Input Range	kW	/	/	/	/	/
505	Cooling Power Input Range(T3)	kW	/	/	/	/	/
1845	Cooling Power Input Range(T4)	kW	/	/	/	/	/
506	Heating Power Input	kW	2.01	2.37	2.85	4.14	4.66
507	Heating Power Input Range	kW	-	-	-	/	/
508	Cooling Rated Power Input	kW	3.1	3.1	3.1	6.40	6.71
509	Heating Rated Power Input	kW	2.6	2.6	2.6	6.80	7.00
523	Standby power consumption	W				/	/
525	Cooling Current Input	A	9.9	11.5	14.1	18.8	21.1
526	Cooling Current Input(T3)	A	-	-	-	/	/
1846	Cooling Current Input(T4)	A	/	/	/	/	/
527	Cooling Current Input Range	A	/	/	/	/	/
528	Heating Current Input	A	9.7	11.4	13.8	18.9	21.3
529	Heating Current Input Range	A	-	-	-	/	/
537	Cooling Rated Current	A	17.5	17.5	17.5	30	31
538	Heating Rated Current	A	11.5	11.5	11.5	32	32
539	Max. Over Current Protection	A	25	25	25	40	40
540	Min. Current (MCA)	A	21.6	21.6	21.6	35.5	35.5
813	Compressor Trademark	-	Gree	Gree	Gree	Gree	Gree
814	Compressor Manufacturer	-	HA I LANDA COMPRESSOR CO.,AI	LANDA COMPRESSOR CO.,HAI	LANDA COMPRESSOR CO.,AI	LANDA COMPRESSOR CO.,I	LANDA COMPRESSOR CO.,LTD
815	Compressor Model	-	FTz-SM240AHAD	FTz-SM240AHAD	FTz-SM240AHAD	FTz-SC400AXAB	FTz-SC400AXAB
819	Compressor Type	-	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary
823	Compressor Quantity	-	1	1	1	1	1
824	Compressor Capacity	W	8642	8642	8642	15169	/
825	Compressor Power Input	W	2092	2092	2092	3297	/
835	Compressor Rated Load Amp (B/A)	A	/	/	/	30.1	30.1
836	Compressor Locked Rotor Amp (L B/A)	A	/	/	/	/	/
840	Compressor Run Capacitor	μ F (MFD)	/	/	/	/	/
841	Compressor Thermal Protector	-	/	/	/	/	/
843	Compressor Power Input of Compressor	W	25	25	25	40	40
844	Compressor Refrigerant Oil Charge Volume	-	FW68L	FW68L	FW68L	FW68L	FW68L
845	Compressor Refrigerant Oil Charge Volume	L	0.66	0.66	0.66	1.2	1.2
847	Power Input of Compressor	W	/	/	/	/	/
692	Fan Type	-	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow
693	Fan Quantity	N	1	1	1	2	2
694	Fan Diameter-height	mm	570-165.5	570-165.5	570-165.5	Φ 472-160	Φ 472-160
695	Fan Diameter-height	inch	22.4-6.5	22.4-6.5	22.4-6.5	Φ 18.58-6.3	Φ 18.58-6.3
697	Motor Model	-	B-LW92R-ZL (10P)	B-LW92R-ZL (10P)	B-LW92R-ZL (10P)	B-SWZ120E	B-SWZ120E
703	Motor Insulation Class	-	B/E	B/E	B/E	B/E	B/E
704	Motor Safe Class	-	IP44	IP44	IP44	IP44	IP44
712	Overload Protector	-	/	/	/	/	/
713	Motor Full Load Amp (FLA)	A	/	/	/	2×1.1	2×1.1
714	Fan Motor Drive Type	-	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive
715	Fan Motor Speed	rpm	800	800	800	800	800
716	Fan Motor Power Output	HP	2×1/8	2×1/8	2×1/8	2×1/6	2×1/6
717	Fan Motor Power Output	W	/	/	/	/	/
718	Fan Motor Power Input	HP	/	/	/	/	/
719	Fan Motor Power Input	W	/	/	/	/	/
722	Fan Motor Capacitor	μ F	/	/	/	/	/
898	Condenser Material	-	Groove Copper Tube-Aluminum	Groove Copper Tube-Aluminum	Groove Copper Tube-Aluminum	Groove Copper Tube-Aluminum	Groove Copper Tube-Aluminum
899	Condenser Face Area	m ²	0.7	0.7	0.70	1.06	1.06

900	Condenser Face Area	sq.ft	7.53	7.53	7.53	11.41	11.41
901	Condenser Pipe Diameter	mm	φ7	φ7	φ7	φ7	φ7
903	Condenser Pipe Diameter	inch	φ0.27	φ0.27	φ0.27	φ0.28	φ0.28
907	Condenser Number of Rows	-	2	2	3	3	3
908	Condenser Tube Pitch(a) × Row Pitch(b)	mm	22×19.05	22×19.05	22×19.05	22×19.05	22×19.05
909	Condenser Tube Pitch(a) × Row Pitch(b)	inch	0.87×0.75	0.87×0.75	0.87×0.75	0.87×0.75	0.87×0.75
910	Condenser Fin Pitch	mm	1.4	1.4	1.4	1.5	1.5
912	Condenser Fin Pitch	inch	0.055	0.055	0.055	0.059	0.059
913	Condenser Fins per Inch(FPI)	-	18	18	18	17	17
914	Condenser Fin Type	-	Ripple	Ripple	Ripple	Ripple	Ripple
915	Condenser Fin Colour	-	golden	golden	golden	golden	golden
916	Condenser Number of Circuits	-	4	4	4	12	12
917	Condenser Length(L) × Height(H) × Width(W)	mm	757×704×38.1	757×704×38.1	757×704×57.1	1004×924×59.2	1004×924×59.2
918	Condenser Length(L) × Height(H) × Width(W)	inch	29.8×27.7×1.5	29.8×27.7×1.5	29.8×27.7×2.2	39.5×36.4×2.3	39.5×36.4×2.3
919	Condenser Max. Allowable Pressure	MPa	16	16	16	10.0	10.0
420	Permissible Excessive Operating Pressure for the	MPa	3.8	3.8	3.8	3.8	3.8
421	Permissible Excessive Operating Pressure for the	MPa	1.7	1.7	1.7	1.7	1.7
422	Maximum Allowable Pressure	MPa	/	/	/	-	-
200	High Presser Overload Detector	MPa	4.6	4.6	4.6	4.6	4.6
201	Low Presser? Overload Detector	MPa	0.05	0.05	0.05	0.05	0.05
202	Cooling Operation Ambient Temperature Range	℃	-15~48	-15~48	-15~48	-15~48	-15~48
203	Cooling Operation Ambient Temperature Range	℉	5~118.4	5~118.4	5~118.4	5~118.4	5~118.4
204	Heating Operation Ambient Temperature Range	℃	-15~24	-15~24	-15~24	-15~24	-15~24
205	Heating Operation Ambient Temperature Range	℉	5~75.2	5~75.2	5~75.2	5~75.2	5~75.2
237	Defrosting Method	-	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
238	Isolation	-	I	I	I	I	I
239	Moisture Protection	-	IPX4	IPX4	IPX4	IPX4	IPX4
240	Overload Protector	-	/	/	/	/	/
241	Climate Type	-	T1	T1	T1	T1	T1
242	Refrigerant	-	R32	R32	R32	R32	R32
243	Refrigerant Charge	kg	1.9	1.9	2.80	4.2	4.2
244	Refrigerant Charge	oz	67.0	67.0	98.8	148.2	148.2
246	Cooling Throttling Method	-	Electronic Expansion Valve	/	/	Electronic Expansion Valve	Electronic Expansion Valve
248	Cooling Throttling Model	-	Electronic Expansion Valve UKV-	/	/	Electronic Expansion Valve UKV	Electronic Expansion Valve UKV-F32DU03
249	Heating Throttling Method	-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
251	Heating Throttling Model	-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
252	Optional Software and Controller	-	/	/	/	/	/
950	Dimension of Outline(W)	mm	920	920	920	900	900
951	Dimension of Outline(W)	inch	36-1/4	36-1/4	36-1/4	35-7/16	35-7/16
952	Dimension of Outline(D)	mm	370	370	370	340	340
953	Dimension of Outline(D)	inch	14-9/16	14-9/16	14-9/16	13-3/8	13-3/8
954	Dimension of Outline(H)	mm	746	746	746	1260	1260
955	Dimension of Outline(H)	inch	29-3/8	29-3/8	29-3/8	49-5/8	49-5/8
956	Dimension of Carton Box(L)	mm	1077	1077	1077	1025	1025
957	Dimension of Carton Box(L)	inch	42.4	42.4	42.4	40.4	40.4
958	Dimension of Carton Box(W)	mm	480	480	480	435	435
959	Dimension of Carton Box(W)	inch	18.9	18.9	18.9	17.1	17.1
960	Dimension of Carton Box(H)	mm	785	785	785	1285	1285
961	Dimension of Carton Box(H)	inch	30.9	30.9	30.9	50.6	50.6
962	Dimension of Package(L)	mm	1080	1080	1080	1033	1033
963	Dimension of Package(L)	inch	42-1/2	42-1/2	42-1/2	40.7	40.7
964	Dimension of Package(W)	mm	483	483	483	443	443
965	Dimension of Package(W)	inch	19.0	19.0	19.0	17.4	17.4
966	Dimension of Package(H)	mm	800	800	800	1405	1405
967	Dimension of Package(H)	inch	31-1/2	31-1/2	31-1/2	55.3	55.3
978	Stacked Layers	-	3	3	3	1	1
980	Net Weight	kg	51.50	51.50	56.50	97.00	97.00
981	Net Weight	LBS	113.5	113.5	125.0	214.0	214.0
982	Gross Weight	kg	55.5	55.5	60.5	107	107
983	Gross Weight	LBS	122.4	122.4	133.4	236.0	236.0
992	Outdoor Unit Loading Quantity	unit	48	48	48	27	27
993	Outdoor Unit Loading Quantity	unit	96	96	96	57	57
994	Outdoor Unit Loading Quantity	unit	144	144	144	57	57
1507	Loading Quantity (20' Container)	unit	28	28	26	13	13
1508	Loading Quantity (40' Container)	unit	60	60	54	28	28
1509	Loading Quantity (40' High Cube Container)	unit	76	76	72	28	28
1081	Connection Pipe Connection Method	-	Screw Connection	Screw Connection	Screw Connection	Screw thread joint	Screw thread joint
1083	Connection Pipe Length	m	7.5	7.5	7.5	7.5	7.5

1087	Distance Connection Pipe Length	ft	24.6	24.6	24.6	24.6	24.6
1088	Test Connection Pipe Length	m	7.5	7.5	7.5	7.5	7.5
1089	Test Connection Pipe Length	ft	24.6	24.6	24.6	24.6	24.6
1090	Not Additional Gas	m	9.5	9.5	9.5	9.5	9.5
1091	Connection Pipe Length Not Additional Gas	ft	31.2	31.2	31.2	31.2	31.2
1093	Connection Pipe Gas	g/m	20	20	20	20	20
1095	Additional Charge Connection Pipe Gas	oz/ft.	0.215	0.215	0.215	0.215	0.215
1100	Connection Pipe Outer Diameter of Liquid	mm	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52
1101	Connection Pipe Outer Diameter of Liquid	inch	3/8"	3/8"	3/8"	3/8"	3/8"
1102	Connection Pipe Outer Diameter of Gas (IDR)	mm	φ19	φ19	φ19	φ19	φ19
1103	Connection Pipe Outer Diameter of Gas	inch	3/4"	3/4"	3/4"	3/4"	3/4"
1104	Connection Pipe Max. Height	m	15	15	15	15	15
1105	Connection Pipe Max. Height	ft	49.2	49.2	49.2	49.2	49.2
1116	Connection Pipe Max. Length Distance	m	30	30	30	30	30
1117	Connection Pipe Max. Length Distance	ft	98.4	98.4	98.4	98.4	98.4