ROOFTOP PACKAGED UNIT TECHNICAL DATA SHEET

Rooftop Packaged Unit	COOL ONLY	FAM03A9	FAM04A9	FAM05A9	FAM06A9	FAM08A9	FAM09A9	FAM12A9	FAM14A9	FAM18A9	FAM24A9	FAM28A9	FAM34A9
Unit Size	TR	3.0	4.0	5.0	6.0	7.5	8.5	10.0	12.5	14.8	18.1	22.5	26.6
Rated Capacity 1 (Cooling)	BTU/h	36,000	48,000	56,000	66,500	86,500	94,000	113,500	135,500	169,532	204,836	254,537	297,238
	KW	10.554	14,075	16.417	19	25	28	33	40	50	60	75	87
Rated Capacity 2	BTU/h	30,766	41,629	48,377	59,500	76,500	81,000	100,700	114,500	143,000	182,000	225,000	246,000
	KW	9,020	12,204	14,182	17	22	24	30	34	42	53	66	72
Power Supply	V-Ph-Hz	400V 3Ph-50Hz	400V 3Ph-50Hz	400V 3Ph-50Hz	400-3-50	400-3-50	400-3-50	400-3-50	400-3-50	400-3-50	400-3-50	400-3-50	400-3-50
Total System Power Input 1	Watts	2,899	4,127	4,750	5,940	6,920	7,890	9,870	12,310	15,410	19,050	21,730	28,370
Total System Power Input 2	Watts	3,297	5,015	5,810	7,130	9,110	9,760	12,190	14,050	17,650	22,470	27,660	30,940
EER 1	Btu/W-h	11.60	-	-	11.20	12.50	11.90	11.50	11.00	11.00	10.75	11.71	10.48
EER 2 (Cooling)	Btu/W-h	9.08	8.30	8.52	8.34	8.40	8.30	8.26	8.15	8.10	8.10	8.13	7.95
COP	W/W	3.64	3.41	3.46	3.28	3.66	3.49	3.37	3.23	3.15	3.22	3.43	3.07
Total System Current 1/2	A	4.8/5.47	6.8/8.10	7.1/8.6	10.28/11.81	11.35/14.85	13.68/16.17	13.8/17.2	17.95/21.02	30.00/32.62	37.77/41.69	41.69/47.52	50.73/55.14
Standard Airflow	CFM	1,200	1,600	1,650	2,400	3,000	3,400	4,000	4,800	5,300	6,700	8,000	9,000
Compressor	Qty/Type	1/Recriprocating	1/Recriprocating	1/Scroll	1/Scroll	1/Scroll	1/Scroll	1/Scroll	1/Scroll	2/Scroll	2/Scroll	2/Scroll	2/Scroll
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant Circuit	#	Single	Single	Single	1	1	1	2	2	2	2	2	2
Refrigerant Metering Device	Type	Priston TXV			Acutrol					TXV-Adjustable			
Refrigerant Charge Per Circuit	Kg	2.62	3.00	3.06	7.35	3.95/4.00	4.30/4.50	4.83/4.82	5.80/5.55	7.2/7.2	10.1/11.4	14.3/14.2	14.2/13.3
Condenser Coil	Type	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al
Condenser Coil	Rows/FPI	2/20	2/20	2/20	2/17	2/17	2/20	1/20	2/20	3/16	4/16	4/17	4/17
Evaporator Coil	Type	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al
Evaporator Coil	Rows/FPI	3/12	3/12	3/12	4/15	3/15	4/15	4/15	4/15	3/17	3/17	4/17	4/17
Condenser Motor	Type	Induction Motor Totally Enclosed											
Evaporator Motor	Type	Electronically Commutated (ECM)			Induction Motor - Totally Enclosed								
Sound Rating (A-Weighted)	dB	76.3	76.8	78.9	85.3	84.4	85.7	90.2	92.0	90.3	90.9	91.1	90.6
Shipping Weight	Kg	127	139	160	275	345	388	489	393	880	860	1150	1125
Dimensions (LxDxH)	mm	1295 x 812.5 x 879	1295 x 812.5 x 981	1295 x 812.5 x 1184	1888 x 1187 x 1051	2238 x 1510 x 1048	2238 x 1510 x 1048	2238 x 1510 x 1253	2238 x 1510 x 1253	2440 x 2235 x 1375	2440 x 2235 x 1375	3200 x 2485 x 1400	3200 x 2485 x 1400
Drain Pipe Connection Size	inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4