C-7RVN113L0A PERFOMANCE DATA

40Hz R404A/R448A

Capacity(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	626	779	979	1228	1524	1869	2262	2702
	45	625	769	963	1206	1498	1840	2231	2671
	50	601	750	947	1191	1482	1820	2205	2637
	54.4	583	730	923	1163	1451	1785	2166	2595
	60	558	692	874	1104	1382	1707	2081	2502
INPUT(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	702	733	762	789	814	837	857	875
	45	751	785	817	846	874	899	922	943
	50	812	846	879	911	941	970	997	1023
	54.4	867	905	942	977	1010	1041	1071	1099
	60	950	986	1022	1057	1093	1128	1164	1199
Current(A)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	2.96	3.04	3.12	3.19	3.26	3.33	3.39	3.44
	45	3.08	3.17	3.26	3.35	3.43	3.50	3.57	3.63
	50	3.24	3.33	3.42	3.51	3.60	3.68	3.77	3.85
	54.4	3.38	3.49	3.59	3.69	3.79	3.88	3.98	4.07
	60	3.60	3.71	3.82	3.93	4.04	4.15	4.26	4.38

z= p1 + p2*x + p3*y + p4*x^2 + p5*x*y + p6*y^2+p7*x^3 + p8*x^2*y + p9*x*y^2 + p10*y^3

x——Condensing Temp.(℃); y——Evaporating Temp.(℃)

	Capacity(W)	Input(W)	Current(A)
P1	4.6492E+03	5.3536E+02	1.3016E+00
P2	-9.2303E+01	-7.4890E-01	8.0607E-02
P3	9.4296E+01	-7.2419E+00	-1.2200E-02
P4	2.0476E+00	2.9271E-01	-1.0680E-03
P5	4.9730E-01	2.7566E-01	4.1154E-04
P6	1.0087E+00	-1.3037E-01	-3.5183E-04
P7	-1.6262E-02	-1.4485E-03	1.0157E-05
P8	-7.1994E-03	-7.4715E-04	2.7109E-06
P9	-1.0710E-03	1.9570E-03	5.7922E-06
P10	-2.8283E-05	-3.2323E-05	-1.6162E-07

60Hz R404A/R448A

Capacity(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	1004	1249	1571	1970	2446	2999	3628	4335
	45	1002	1234	1545	1934	2403	2952	3579	4286
	50	964	1204	1520	1911	2377	2920	3537	4231
	54.4	936	1171	1481	1867	2328	2864	3476	4163
	60	896	1111	1403	1772	2217	2739	3338	4014
INPUT(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	1059	1107	1151	1192	1229	1263	1294	1322
	45	1135	1186	1233	1278	1319	1357	1392	1424
	50	1226	1278	1328	1375	1421	1464	1505	1544
	54.4	1309	1367	1422	1475	1525	1573	1617	1659
	60	1435	1489	1543	1596	1650	1703	1757	1811
Current(A)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	3.13	3.21	3.30	3.37	3.45	3.52	3.58	3.64
	45	3.25	3.35	3.45	3.53	3.62	3.70	3.77	3.84
	50	3.42	3.52	3.62	3.71	3.80	3.89	3.98	4.06
	54.4	3.57	3.68	3.79	3.90	4.00	4.10	4.20	4.30
	60	3.80	3.92	4.04	4.15	4.27	4.39	4.50	4.62

z= p1 + p2*x + p3*y + p4*x^2 + p5*x*y + p6*y^2+p7*x^3 + p8*x^2*y + p9*x*y^2 + p10*y^3
x——Condensing Temp.(℃); y——Evaporating Temp.(℃)

	Capacity(W)	Input(W)	Current(A)
P1	7.5106E+03	8.2472E+02	1.4466E+00
P2	-1.5132E+02	-1.7511E+00	8.4098E-02
P3	1.5109E+02	-1.0154E+01	-8.0857E-03
P4	3.3526E+00	4.4760E-01	-1.1581E-03
P5	8.1086E-01	3.8954E-01	3.1563E-04
P6	1.6233E+00	-1.9086E-01	-2.8613E-04
P7	-2.6557E-02	-2.1793E-03	1.1158E-05
P8	-1.1687E-02	-8.4515E-04	3.3660E-06
P9	-1.6829E-03	3.0055E-03	4.7236E-06
P10	6.0606E-05	6.8687E-05	1.6162E-07

80Hz R404A/R448A

Capacity(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	1393	1733	2180	2733	3394	4161	5034	6015
	45	1391	1712	2143	2684	3335	4095	4966	5946
	50	1338	1671	2108	2651	3299	4051	4908	5870
	54.4	1299	1625	2055	2590	3230	3974	4823	5776
	60	1243	1542	1947	2458	3076	3801	4632	5570
INPUT(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	1441	1506	1566	1621	1672	1719	1761	1799
	45	1544	1613	1678	1739	1795	1847	1894	1937
	50	1669	1739	1807	1871	1933	1992	2048	2101
	54.4	1780	1860	1935	2007	2075	2140	2200	2257
	60	1953	2026	2099	2172	2245	2318	2391	2464
Current(A)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	3.29	3.39	3.47	3.56	3.63	3.70	3.77	3.83
	45	3.42	3.53	3.63	3.72	3.81	3.89	3.97	4.04
	50	3.60	3.71	3.81	3.91	4.01	4.10	4.19	4.28
	54.4	3.76	3.88	4.00	4.11	4.22	4.32	4.43	4.53
	60	4.00	4.13	4.25	4.37	4.50	4.62	4.74	4.87

z= p1 + p2*x + p3*y + p4*x^2 + p5*x*y + p6*y^2+p7*x^3 + p8*x^2*y + p9*x*y^2 + p10*y^3
x——Condensing Temp.(℃); y——Evaporating Temp.(℃)

	Capacity(W)	Input(W)	Current(A)
P1	1.0436E+04	1.0834E+03	2.4158E+00
P2	-2.1060E+02	1.7704E-01	3.1264E-02
P3	2.1001E+02	-1.3503E+01	-1.0771E-02
P4	4.6579E+00	5.5339E-01	-1.8747E-05
P5	1.1015E+00	5.1488E-01	4.1514E-04
P6	2.2426E+00	-2.6389E-01	-2.8148E-04
P7	-3.6838E-02	-2.5725E-03	3.5601E-06
P8	-1.5947E-02	-1.0260E-03	3.1549E-06
P9	-2.2777E-03	4.0413E-03	5.6855E-06
P10	-2.4242E-05	6.6755E-17	1.0909E-06