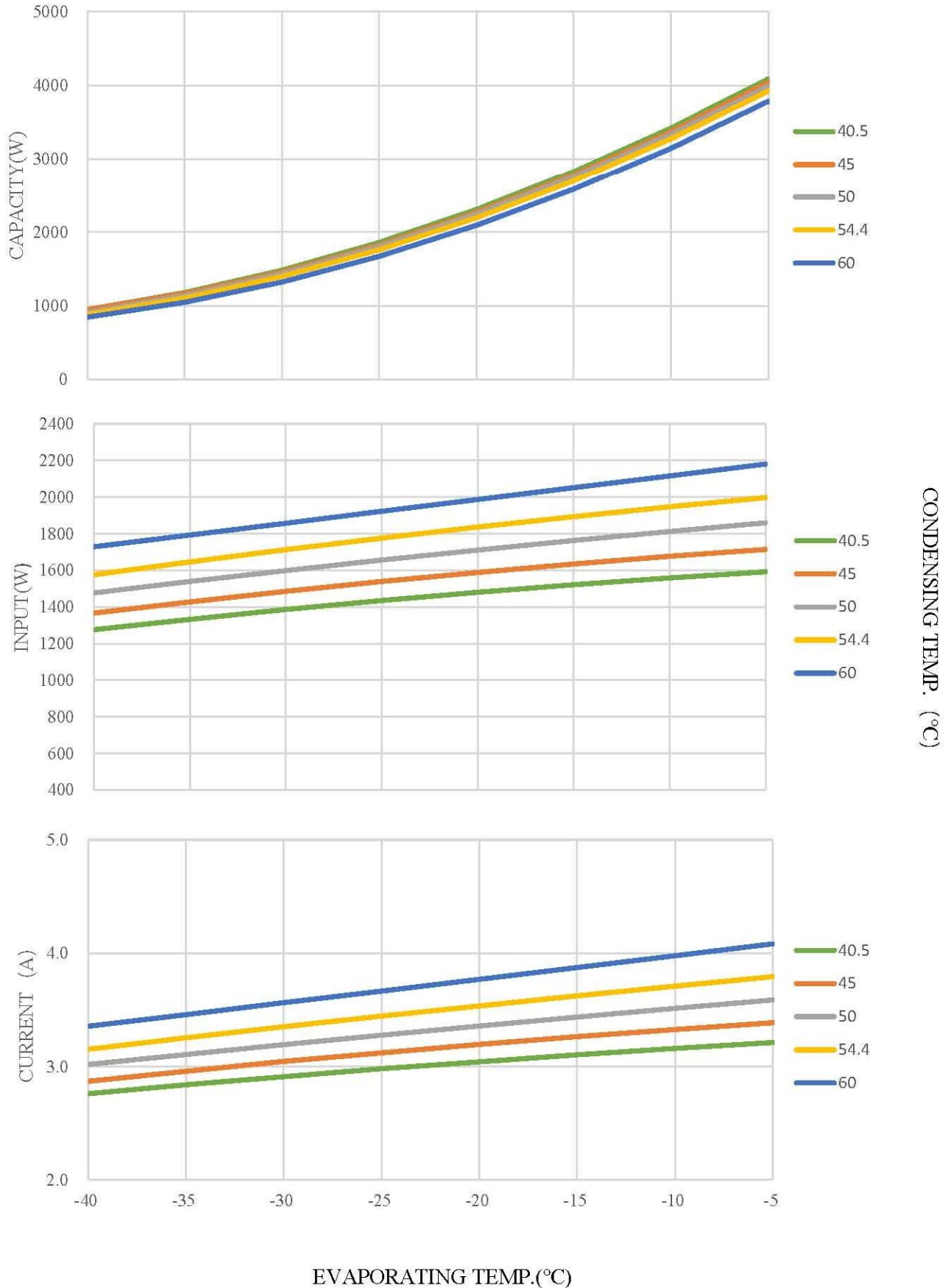


## C-RHN153L8A PERFORMANCE CURVE

RETURN GAS SUPERHEATED (°C)	18.3
LIQUID TEMPRETURE (°C)	32.2
AMBIENT (°C)	32.2
REFRIGERANT	R404A/R448A
COMPRESSOR REVOLUSION	50Hz



C-RHN153L8A PERFORMANCE DATA

R404A/R448A

Capacity(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	947	1178	1482	1858	2306	2828	3422	4088
	45	945	1164	1457	1824	2266	2783	3375	4041
	50	909	1135	1433	1802	2242	2753	3336	3990
	54.4	883	1104	1397	1760	2195	2701	3278	3926
	60	845	1048	1323	1671	2091	2583	3148	3785
INPUT(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	1275	1333	1386	1435	1480	1521	1558	1592
	45	1366	1428	1485	1539	1588	1634	1676	1714
	50	1477	1539	1599	1656	1711	1763	1812	1859
	54.4	1576	1646	1713	1776	1836	1893	1947	1997
	60	1728	1793	1857	1922	1986	2051	2116	2180
Current(A)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	2.76	2.84	2.91	2.98	3.04	3.10	3.16	3.21
	45	2.87	2.96	3.04	3.12	3.19	3.26	3.33	3.39
	50	3.02	3.11	3.19	3.28	3.36	3.44	3.51	3.59
	54.4	3.15	3.25	3.35	3.44	3.53	3.62	3.71	3.79
	60	3.36	3.46	3.56	3.67	3.77	3.87	3.98	4.08

$$z = p_1 + p_2 \cdot x + p_3 \cdot y + p_4 \cdot x^2 + p_5 \cdot x \cdot y + p_6 \cdot y^2 + p_7 \cdot x^3 + p_8 \cdot x^2 \cdot y + p_9 \cdot x \cdot y^2 + p_{10} \cdot y^3$$

x—Condensing Temp.(°C) ; y—Evaporating Temp.(°C)

	Capacity(W)	Input(W)	Current(A)
P1	7.1160E+03	1.0090E+03	1.0550E+00
P2	-1.4470E+02	-2.8730E+00	8.5800E-02
P3	1.4230E+02	-1.1820E+01	-9.4330E-03
P4	3.2020E+00	5.4990E-01	-1.2200E-03
P5	7.7160E-01	4.4920E-01	3.7060E-04
P6	1.5310E+00	-2.3360E-01	-2.4700E-04
P7	-2.5310E-02	-2.6680E-03	1.0970E-05
P8	-1.1090E-02	-8.0450E-04	2.1760E-06
P9	-1.5980E-03	3.6670E-03	4.3040E-06
P10	4.0400E-05	6.8690E-05	2.8280E-07