

Performance Table Heat Pump Ground to Water Dual Compressor ALTAL GWHP45DUAL

Heating Capacity(kW)

Water outlet(°C)	-10	-5	0	5	10	15	20	25	30	35
35	36.42	39.44	42.44	44.98	46.21	48.94	53.16	54.37		
40	33.77	35.74	40.20	43.66	45.92	48.66	51.35	52.42	55.77	
45	33.51	35.69	40.14	42.77	44.56	46.40	49.30	51.34	54.52	58.18
50	32.20	34.30	37.76	39.57	42.75	44.13	46.68	49.27	52.24	56.03
55	30.55	32.54	36.60	38.99	40.63	42.31	44.95	46.81	49.71	53.05
60	29.57	31.49	35.42	37.74	39.32	40.94	43.50	45.30	48.11	51.34

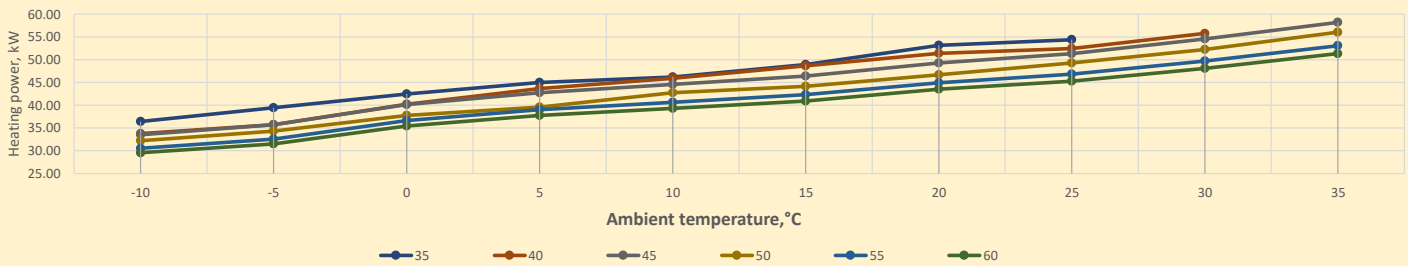
Power Input(kW)

Water outlet(°C)	-7	-5	0	5	10	15	20	25	30	35
35	9.77	9.67	9.58	9.52	9.34	9.08	8.62	8.23		
40	10.38	10.30	10.10	10.02	9.60	9.32	9.13	8.51	8.15	
45	10.74	10.88	10.57	10.41	10.06	9.67	9.42	8.78	8.40	8.00
50	11.49	11.39	11.11	10.73	10.54	10.06	9.75	9.15	8.78	8.56
55	11.76	11.66	11.49	11.30	11.06	10.57	10.04	9.55	9.20	9.05
60	11.89	11.82	11.73	11.66	11.57	11.01	10.63	10.31	9.72	9.78

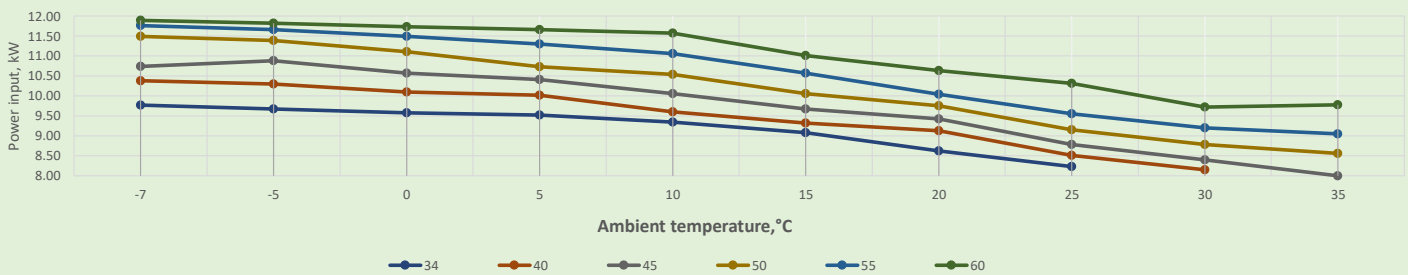
COP

Water outlet(°C)	-7	-5	0	5	10	15	20	25	30	35
35	3.73	4.08	4.43	4.72	4.95	5.39	6.17	6.61		
40	3.25	3.47	3.98	4.36	4.78	5.22	5.62	6.16	6.84	
45	3.12	3.28	3.80	4.11	4.43	4.80	5.23	5.85	6.49	7.27
50	2.80	3.01	3.40	3.69	4.06	4.39	4.79	5.38	5.95	6.55
55	2.60	2.79	3.19	3.45	3.67	4.00	4.48	4.90	5.40	5.86
60	2.49	2.66	3.02	3.24	3.40	3.72	4.09	4.39	4.95	5.25

Heating capacity, kW



Power input, kW



Coefficient of Performance (COP)

