

COOLING P-models Maximum Performance table

Tamb (°C)		20		25		30		35		40	
LWE	Size	CC	PI	CC	PI	CC	PI	CC	PI	CC	PI
5	016	19.8	6.04	19.8	6.69	19.8	7.70	19.8	8.91	19.2	9.60
	021	24.7	7.82	24.7	8.56	24.7	9.42	24.7	10.3	24.7	12.1
	025	27.7	9.52	27.5	10.43	27.5	11.3	26.8	12.0	25.6	13.2
	032	36.9	13.4	36.9	15.4	36.4	17.2	35.2	18.8	29.7	17.0
	040	49.5	16.1	49.5	17.3	49.5	19.2	49.5	21.5	49.5	25.4
	050	53.4	18.6	54.3	20.6	53.8	22.3	52.3	23.7	49.6	26.1
7	064	73.2	27.5	72.1	30.5	71.0	33.8	68.3	36.9	58.2	33.9
	016	19.8	5.33	19.8	5.86	19.8	6.64	19.8	7.67	19.8	8.98
	021	24.7	7.26	24.7	7.93	24.7	8.73	24.7	9.59	24.7	11.0
	025	29.5	9.43	29.5	10.8	29.5	11.8	29.5	13.2	27.7	14.1
	032	36.9	12.3	36.9	14.2	36.9	16.6	36.9	18.8	30.5	16.3
	040	49.5	14.8	49.5	16.1	49.5	17.7	49.5	19.8	49.5	22.9
10	050	59.3	19.4	59.3	22.0	59.3	24.2	59.3	28.1	54.0	27.9
	064	74.3	26.2	74.3	29.8	74.3	34.2	74.3	40.1	59.3	32.0
	016	19.8	4.78	19.8	5.19	19.8	5.84	19.8	6.59	19.8	7.40
	021	24.7	6.66	24.7	7.33	24.7	8.06	24.7	8.86	24.7	9.87
	025	29.5	8.63	29.5	9.94	29.5	11.1	29.5	12.0	28.5	12.8
	032	36.9	11.2	36.9	12.8	36.9	15.1	36.9	16.9	31.4	15.1
15	040	49.5	13.2	49.5	14.6	49.5	16.1	49.5	17.9	49.5	20.2
	050	59.3	17.3	59.3	19.9	59.3	22.2	59.3	24.2	56.9	26.4
	064	74.3	23.8	74.3	26.8	74.3	31.4	74.3	35.9	61.8	30.1
	016	19.8	3.88	19.8	4.45	19.8	5.00	19.8	5.60	19.8	6.31
	021	24.7	5.72	24.7	6.37	24.7	7.07	24.7	7.79	24.7	8.54
	025	29.5	7.11	29.5	8.15	29.5	9.29	29.5	10.2	29.5	11.2
18	032	36.9	9.80	36.9	11.1	36.9	12.6	36.9	14.4	32.5	13.2
	040	49.5	11.3	49.5	12.6	49.5	14.0	49.5	15.5	49.5	17.1
	050	59.3	14.5	59.3	16.5	59.3	18.8	59.3	20.5	59.3	22.7
	064	74.3	20.4	74.3	22.6	74.3	25.8	74.3	29.6	64.4	26.3
	016	19.8	3.55	19.8	3.98	19.8	4.51	19.8	5.11	19.8	5.75
	021	24.7	5.25	24.7	5.87	24.7	6.63	24.7	7.35	24.7	8.07
18	025	29.5	6.49	29.5	7.42	29.5	8.51	29.5	9.43	29.5	10.3
	032	36.9	8.88	36.9	10.1	36.9	11.4	36.9	13.1	33.5	12.3
	040	49.5	10.5	49.5	11.8	49.5	13.2	49.5	14.5	49.5	16.1
	050	59.3	13.2	59.3	15.0	59.3	17.3	59.3	19.3	59.3	20.9
	064	74.3	18.5	74.3	20.5	74.3	23.5	74.3	27.2	67.0	24.9

SYMBOLS

CC: Cooling Capacity (kW)
 PI: Power Input (kW)
 LWE: Leaving Water Evaporator temperature (°C)
 Tamb: Ambient temperature (°C)

NOTES

- Cooling Capacity (CAP)
Capacity is according to EN 14511:2011 and valid for chilled water range $\Delta t = 3 - 8^\circ\text{C}$
- Power input (kW)
Power input is total input according to EN 14511:2011