

Maximum heating capacity - integrated value

	LWC [°C]	30		35		40		45		50		55		60		
		T _{amb} [°C]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]
EPGA11DAV37	-20	12.28	4.91	11.65	5.04	11.03	5.17	10.41	5.30	9.12	5.15					
	-15	11.89	4.52	11.42	4.66	10.96	4.81	10.50	4.95	9.61	4.87	8.71	4.78			
	-7	11.26	3.91	11.06	4.07	10.86	4.22	10.66	4.38	10.39	4.41	10.12	4.43	8.75	4.15	
	-2	10.76	3.09	10.91	3.47	11.06	3.84	11.21	4.22	10.82	4.37	10.42	4.51	9.71	4.51	
	2	10.36	2.43	10.79	2.99	11.22	3.54	11.65	4.10	11.16	4.33	10.67	4.57	10.47	4.79	
	7	14.50	2.52	14.57	3.08	14.64	3.64	14.71	4.20	14.95	4.73	15.19	5.26	12.42	4.65	
	12	13.80	1.77	14.07	2.36	14.34	2.96	14.61	3.56	14.58	3.79	14.54	4.02			
15	14.29	1.67	14.38	2.17	14.47	2.67	14.55	3.17	14.28	3.39	14.00	3.61				
20	15.11	1.50	14.89	1.84	14.68	2.18	14.46	2.51	13.78	2.72	13.09	2.93				
EPGA14DAV37	-20	13.81	5.72	13.11	5.81	12.41	5.90	11.71	5.99	10.26	5.65					
	-15	13.37	5.21	12.85	5.33	12.33	5.46	11.81	5.58	10.81	5.37	9.80	5.16			
	-7	12.67	4.40	12.44	4.57	12.22	4.75	11.99	4.92	11.69	4.92	11.38	4.92	9.84	4.69	
	-2	12.11	3.63	12.27	4.01	12.44	4.40	12.61	4.79	12.17	4.87	11.73	4.96	10.92	5.00	
	2	11.66	3.01	12.14	3.56	12.82	4.12	13.10	4.68	12.55	4.84	12.00	4.99	11.78	5.24	
	7	16.31	3.00	16.39	3.55	16.47	4.11	16.54	4.66	16.82	5.18	17.09	5.70	13.98	5.23	
	12	15.53	2.07	15.83	2.70	16.13	3.34	16.44	3.98	16.40	4.25	16.36	4.51			
15	16.08	1.94	16.18	2.48	16.28	3.02	16.37	3.56	16.06	3.81	15.75	4.06				
20	17.00	1.74	16.76	2.12	16.51	2.49	16.27	2.86	15.50	3.09	14.73	3.31				
EPGA16DAV37	-20	15.34	6.54	14.56	6.60	13.79	6.66	13.01	6.71	11.40	6.27					
	-15	14.86	5.91	14.28	6.02	13.70	6.13	13.13	6.24	12.01	6.07	10.89	5.91			
	-7	14.08	4.89	13.83	5.08	13.57	5.28	13.32	5.47	12.98	5.76	12.65	6.05	10.94	5.75	
	-2	13.45	4.57	13.64	4.56	13.82	4.95	14.01	5.35	13.52	5.58	13.03	5.81	12.14	5.78	
	2	12.95	3.93	13.49	4.13	14.02	4.69	14.56	5.25	13.95	5.44	13.34	5.62	13.09	5.81	
	7	18.12	3.78	18.21	4.01	18.30	4.58	18.38	5.15	18.69	5.75	18.99	6.35	15.53	5.80	
	12	17.25	2.61	17.59	3.05	17.93	3.73	18.26	4.40	18.22	4.71	18.18	5.01			
15	17.87	2.45	17.97	2.80	18.08	3.38	18.19	3.96	17.85	4.24	17.50	4.52				
20	18.89	2.18	18.62	2.40	18.35	2.81	18.07	3.22	17.22	3.46	16.36	3.71				

Maximum heating capacity - peak values

	LWC [°C]	30		35		40		45		50		55		60		
		T _{amb} [°C]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]
EPGA11DAV37	-20	12.28	4.93	11.65	5.03	11.03	5.12	10.41	5.21	9.12	5.11					
	-15	13.56	4.73	12.90	4.86	12.24	4.99	11.58	5.12	10.36	5.06	9.14	5.01			
	-7	15.61	4.41	14.00	4.60	14.18	4.78	13.47	4.97	12.35	4.90	11.22	5.02	10.18	4.99	
	-2	15.33	3.45	15.08	3.85	14.83	4.25	14.58	4.65	13.35	4.80	12.11	4.96	11.48	5.20	
	2	15.12	2.69	15.23	3.25	15.35	3.82	15.46	4.39	14.14	4.66	12.82	4.91	12.52	5.36	
	7	14.50	2.52	14.57	3.08	14.64	3.64	14.71	4.20	14.95	4.75	15.19	5.26	12.42	4.65	
	12	13.80	1.77	14.07	2.36	14.34	2.96	14.61	3.56	14.58	3.79	14.54	4.02			
15	14.29	1.67	14.38	2.17	14.47	2.67	14.55	3.17	14.28	3.39	14.00	3.61				
20	15.11	1.50	14.89	1.84	14.68	2.18	14.46	2.51	13.78	2.72	13.09	2.93				
EPGA14DAV37	-20	13.81	5.72	13.11	5.80	12.41	5.88	11.71	5.96	10.26	5.63					
	-15	15.25	5.56	14.51	5.65	13.77	5.74	13.03	5.83	11.66	5.63	10.28	5.43			
	-7	17.56	5.30	16.76	5.41	15.96	5.52	15.16	5.62	13.89	5.63	12.63	5.63	11.45	5.54	
	-2	17.25	4.12	16.97	4.48	16.68	4.85	16.40	5.21	15.01	5.37	13.63	5.53	12.91	5.70	
	2	17.01	3.18	17.14	3.75	17.27	4.31	17.40	4.88	15.91	5.17	14.43	5.45	14.09	5.83	
	7	16.31	3.00	16.39	3.55	16.47	4.11	16.54	4.66	16.82	5.18	17.09	5.70	13.98	5.23	
	12	15.53	2.07	15.83	2.70	16.13	3.34	16.44	3.98	16.40	4.25	16.36	4.51			
15	16.08	1.94	16.18	2.48	16.28	3.02	16.37	3.56	16.06	3.81	15.75	4.06				
20	17.00	1.74	16.76	2.12	16.51	2.49	16.27	2.86	15.50	3.09	14.73	3.31				
EPGA16DAV37	-20	15.34	6.54	14.56	6.60	13.79	6.66	13.01	6.71	11.40	6.27					
	-15	16.95	6.42	16.12	6.47	15.30	6.51	14.48	6.55	12.95	6.32	11.42	6.09			
	-7	19.51	6.24	18.62	6.25	17.73	6.27	16.84	6.28	15.43	6.40	14.03	6.52	12.72	6.29	
	-2	19.17	6.03	18.85	5.75	18.54	6.02	18.22	6.28	16.68	6.36	15.14	6.44	14.35	6.40	
	2	18.90	5.37	19.04	5.35	19.19	5.58	19.33	6.28	17.68	6.33	16.03	6.38	15.65	6.48	
	7	18.12	3.78	18.21	4.01	18.30	4.58	18.38	5.15	18.69	5.75	18.99	6.35	15.53	5.80	
	12	17.25	2.61	17.59	3.05	17.93	3.73	18.26	4.40	18.22	4.71	18.18	5.01			
15	17.87	2.45	17.97	2.80	18.08	3.38	18.19	3.96	17.85	4.24	17.50	4.52				
20	18.89	2.18	18.62	2.40	18.35	2.81	18.07	3.22	17.22	3.46	16.36	3.71				

Symbols

- CC Cooling capacity at maximum operating frequency, measured according to EN 14511.
- HC Heating capacity at maximum operating frequency, measured according to EN 14511
- PI Power input is the total input of indoor and outdoor units, including the circulation pump; according to EN 14511.
- LWE Leaving water evaporator temperature [°C]
- LWC Leaving water condenser temperature [°C]
- Tamb Ambient temperature [°C DB]

Conditions

Cooling capacity

Capacity according to standard EN 14511 and valid for chilled water range ΔT = 3~8°C.

Capacity values may not be extrapolated below 7°C leaving water temperature.

Heating capacity

Capacity according to standard EN 14511 and valid for heated water range ΔT = 3~8°C.

Power input

Power input is the total input of indoor and outdoor units, including the circulation pump; according to EN 14511.

Notes

The capacity and the power input are valid for V3 models at 230 V.

The capacity and the power input are at maximum operation.