

Maximum heating capacity - integrated value

	LWC	30°C				35°C		40°C		45°C		50°C		55°C	
	T _{amb} [°C]	HC	PI	HC	PI	HC	PI	HC	PI	HC	PI	HC	PI	HC	PI
		[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
5XXM90A2V1B	-15	5.85	3.14	5.59	3.16	4.89	3.17	4.54	3.21						
	-7	6.32	2.55	6.32	2.76	6.24	3.23	6.16	3.35	5.94	3.77	4.82	3.76		
	-2	6.07	2.21	6.05	2.53	6.03	2.85	6.01	3.17	6.01	3.56	5.35	3.59		
	2	5.83	2.12	5.78	2.17	5.74	2.44	5.68	2.71	5.55	3	5.51	3.44		
	7	8.22	1.93	8	2.18	7.7	2.42	7.57	2.67	7.46	3.14	7.36	3.62		
	12	8.13	1.56	7.87	1.79	7.61	2.02	7.26	2.25	7.01	2.54	6.86	2.84		
	15	7.87	1.36	7.53	1.57	7.19	1.78	6.85	1.99	6.65	2.26	6.45	2.53		
	20	7.44	1.02	6.96	1.2	6.49	1.38	6.01	1.56	5.74	1.79	5.47	2.03		
5XXM68A2V1B	-15	4.93	2.44	4.54	2.68	4.15	2.95	3.65	3.08						
	-7	5.8	2.31	5.78	2.56	5.76	2.89	5.74	3.08	5.36	3.35	4.14	3.35		
	-2	5.84	2.07	5.81	2.35	5.77	2.53	5.74	2.66	5.4	2.99	5.07	3.3		
	2	5.73	2.02	5.68	2.1	5.64	2.23	5.58	2.33	5.45	2.58	5.26	2.82		
	7	7.43	1.72	7.27	1.93	7.11	2.06	6.95	2.16	6.78	2.44	6.6	2.71		
	12	7.27	1.28	7.04	1.51	6.8	1.68	6.57	1.81	6.35	2.08	6.14	2.34		
	15	7.11	1.15	6.79	1.34	6.46	1.48	6.14	1.59	5.8	1.84	5.46	2.07		
	20	6.85	0.92	6.38	1.06	5.9	1.15	5.43	1.23	4.88	1.43	4.32	1.63		

Maximum heating capacity - peak values

	LWC [°C]	30°C		35°C		40°C		45°C		50°C		55°C		
		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]
5XXM90A2V1B	-15	6.08	3.27	5.76	3.28	4.99	3.3	4.59	3.34					
	-7	7.52	2.84	7.31	2.96	6.81	3.32	6.73	3.49	5.94	3.77	4.82	3.76	
	-2	7.73	2.43	7.48	2.75	7.23	3.08	7.05	3.46	6.87	3.78	6.02	3.78	
	2	7.95	2.2	7.71	2.43	7.44	2.76	7.28	3.17	7.13	3.29	6.59	3.79	
	7	8.22	1.93	8	2.18	7.7	2.42	7.57	2.67	7.46	3.14	7.36	3.62	
	12	8.13	1.56	7.87	1.79	7.61	2.02	7.26	2.25	7.01	2.54	6.86	2.84	
	15	7.87	1.36	7.53	1.57	7.19	1.78	6.85	1.99	6.65	2.26	6.45	2.53	
	20	7.44	1.02	6.96	1.2	6.49	1.38	6.01	1.56	5.74	1.79	5.47	2.03	
5XXM68A2V1B	-15	5.12	2.54	4.68	2.76	4.24	3.01	3.69	3.11					
	-7	7.04	2.53	6.75	2.72	6.46	3.01	6.17	3.14	5.36	3.35	4.14	3.35	
	-2	7.17	2.25	6.95	2.51	6.73	2.68	6.51	2.8	6.1	3.14	5.61	3.43	
	2	7.29	2.03	7.09	2.26	6.9	2.41	6.7	2.52	6.37	2.8	6.07	3.06	
	7	7.43	1.72	7.27	1.93	7.11	2.06	6.95	2.16	6.78	2.44	6.6	2.71	
	12	7.27	1.28	7.04	1.51	6.8	1.68	6.57	1.81	6.35	2.08	6.14	2.34	
	15	7.11	1.15	6.79	1.34	6.46	1.48	6.14	1.59	5.8	1.84	5.46	2.07	
	20	6.85	0.92	6.38	1.06	5.9	1.15	5.43	1.23	4.88	1.43	4.32	1.63	

Symbols

- 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.
- LWC Leaving water condensor temperature [°C]
- Tamb Ambient temperature; RH (heating) = 85%

Conditions

Heating capacity

Capacity according to standard EN 14511 and valid for heated water range ΔT = -3~5°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.