

Cooling capacity: 90%

	T _{amb} [°C]	20		25		30		35		40		45		50	
	LWE [°C]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]
5XXM90A2V1B	18	6.61	0.97	6.56	1.23	6.50	1.58	6.45	1.94	5.47	1.96	3.22	1.18	2.52	0.96
	22	7.08	0.92	7.03	1.12	6.97	1.47	6.91	1.82	6.01	1.90	3.64	1.17	2.89	0.96
5XXM68A2V1B	18	6.44	0.85	6.37	1.20	6.29	1.55	6.22	1.90	5.31	1.94	3.10	1.15	2.42	0.93
	22	6.92	0.76	6.85	1.09	6.77	1.43	6.69	1.76	5.91	1.88	3.55	1.14	2.80	0.93

Cooling capacity: 70%

	T _{amb} [°C]	20		25		30		35		40		45		50	
	LWE [°C]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]
5XXM90A2V1B	18	5.14	0.76	5.10	0.95	5.06	1.23	5.02	1.51	4.25	1.52	2.51	0.91	1.96	0.75
	22	5.51	0.71	5.47	0.87	5.42	1.14	5.38	1.41	4.68	1.48	2.83	0.91	2.25	0.75
5XXM68A2V1B	18	5.01	0.66	4.95	0.93	4.89	1.20	4.84	1.48	4.13	1.51	2.41	0.89	1.89	0.72
	22	5.39	0.59	5.32	0.85	5.26	1.11	5.20	1.37	4.60	1.46	2.76	0.89	2.18	0.72

Cooling capacity: 50%

	T _{amb} [°C]	20		25		30		35		40		45		50	
	LWE [°C]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]
5XXM90A2V1B	18	3.67	0.54	3.64	0.68	3.61	0.88	3.58	1.08	3.04	1.09	1.79	0.65	1.40	0.53
	22	3.94	0.51	3.90	0.62	3.87	0.82	3.84	1.01	3.34	1.06	2.02	0.65	1.60	0.53
5XXM68A2V1B	18	3.58	0.47	3.54	0.67	3.50	0.86	3.46	1.05	2.95	1.08	1.72	0.64	1.35	0.52
	22	3.85	0.42	3.80	0.61	3.76	0.79	3.72	0.98	3.28	1.04	1.97	0.63	1.55	0.52

Cooling capacity: 30%

	T _{amb} [°C]	20		25		30		35		40		45		50	
	LWE [°C]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]	CC [kW]	PI [kW]
5XXM90A2V1B	18	2.20	0.32	2.19	0.41	2.17	0.53	2.15	0.65	1.82	0.65	1.07	0.39	0.84	0.32
	22	2.36	0.31	2.34	0.37	2.32	0.49	2.30	0.61	2.00	0.63	1.21	0.39	0.96	0.32
5XXM68A2V1B	18	2.15	0.28	2.12	0.40	2.10	0.52	2.07	0.63	1.77	0.65	1.03	0.38	0.81	0.31
	22	2.31	0.25	2.28	0.36	2.26	0.48	2.23	0.59	1.97	0.63	1.18	0.38	0.93	0.31

Symbols

CC	Cooling 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]
Tamb	Ambient temperature; RH (heating) = 85%

Conditions

Cooling capacity

Capacity according to standard EN 14511 and valid for chilled water range $\Delta T = 3^{\circ}\text{--}5^{\circ}\text{C}$.

Capacity values may not be extrapolated below 18°C leaving water temperature.

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.