

2-room Multisplit

Combination ratings (size 18) heat pump

Cooling, 230V

Operating status	Combination		Unit capacity (kW)		Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10		2.70		1.1	2.7	3.2	220	630	800	1.37	3.10	3.66
	13		3.70		1.1	3.7	3.7	220	1100	1400	1.37	5.00	6.21
	16		4.50		1.1	4.5	4.5	220	1500	1700	1.37	6.70	7.23
2 unit operation	10	10	2.55	2.55	1.4	5.1	6.1	260	1410	2150	1.61	6.45	9.54
	13	10	3.00	2.20	1.4	5.2	6.2	260	1440	2170	1.61	6.45	9.63
	13	13	2.60	2.60	1.4	5.2	6.2	260	1440	2170	1.61	6.45	9.63
	16	10	3.25	1.95	1.4	5.2	6.2	260	1440	2170	1.61	6.45	9.63
	16	13	2.85	2.35	1.4	5.2	6.2	260	1440	2170	1.61	6.45	9.63

Heating, 230V

Operating status	Combination		Unit capacity (kW)		Heating capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10		4.00		0.7	4.0	5.2	170	1200	1700	1.06	5.40	7.54
	13		5.00		0.7	5.0	6.5	170	1800	2530	1.06	8.10	11.22
	16		5.50		0.7	5.5	6.9	170	1900	2530	1.06	8.50	11.22
2 unit operation	10	10	2.70	2.70	0.9	5.4	8.2	200	1190	2530	1.24	5.35	11.22
	13	10	3.11	2.49	0.9	5.6	8.3	200	1190	2530	1.24	5.35	11.22
	13	13	2.80	2.80	0.9	5.6	8.3	200	1190	2530	1.24	5.35	11.22
	16	10	3.24	2.36	0.9	5.6	8.3	200	1190	2530	1.24	5.35	11.22
	16	13	2.93	2.67	0.9	5.6	8.3	200	1190	2530	1.24	5.35	11.22

3-room Multisplit

Combination ratings heat pump

Cooling, 230V

Operating status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10			2.70			1.4	2.7	3.2	640	750	950	3.52	3.71	4.44
	13			3.70			1.4	3.7	4.4	640	1200	1520	3.52	5.49	6.88
	16			4.50			1.4	4.5	5.0	640	1650	2000	3.52	7.47	8.87
	18			5.00			1.4	5.0	5.2	640	1950	2100	3.52	8.65	9.32
2 unit operation	10	10		2.70	2.70		2.5	5.4	6.3	640	1530	2040	3.48	6.79	9.05
	13	10		3.41	2.49		2.7	5.9	6.6	660	1810	2220	3.59	8.03	9.85
	16	10		3.94	2.36		2.9	6.3	6.9	670	2040	2400	3.64	9.05	10.65
	13	13		3.15	3.15		2.9	6.3	6.9	670	2040	2400	3.64	9.05	10.65
	16	13		3.73	3.07		3.0	6.8	7.2	690	2320	2570	3.75	10.29	11.40
	16	16		3.60	3.60		3.2	7.2	7.5	700	2550	2750	3.80	11.31	12.20
	18	10		4.09	2.21		2.9	6.3	6.9	670	2040	2400	3.64	9.05	10.65
	18	13		3.91	2.89		3.0	6.8	7.2	690	2320	2570	3.75	10.29	11.40
	18	16		3.79	3.41		3.2	7.2	7.5	700	2550	2750	3.80	11.31	12.20
	18	18		3.60	3.60		3.2	7.2	7.5	700	2550	2750	3.80	11.31	12.20
3 unit operation	10	10	10	2.47	2.47	2.47	3.6	7.4	8.2	950	2230	2720	4.59	9.89	12.07
	13	10	10	3.01	2.20	2.20	3.9	7.4	8.3	950	2230	2750	4.59	9.89	12.20
	16	10	10	3.36	2.02	2.02	4.0	7.4	8.5	950	2230	2820	4.59	9.89	12.51
	13	13	10	2.71	2.71	1.98	4.0	7.4	8.5	950	2230	2820	4.59	9.89	12.51
	16	13	10	3.10	2.55	1.86	4.0	7.5	8.6	980	2250	2850	4.73	9.98	12.64
	13	13	13	2.50	2.50	2.50	4.0	7.5	8.6	980	2250	2850	4.73	9.98	12.64
	16	16	10	2.88	2.88	1.73	4.1	7.5	8.8	980	2250	2920	4.73	9.98	12.95
	16	13	13	2.84	2.33	2.33	4.1	7.5	8.8	980	2250	2920	4.73	9.98	12.95
	16	16	13	2.66	2.66	2.19	4.2	7.5	8.9	980	2250	2950	4.73	9.98	13.09
	18	10	10	3.56	1.92	1.92	4.0	7.4	8.5	950	2230	2820	4.59	9.89	12.51
	18	13	10	3.29	2.43	1.78	4.0	7.5	8.8	980	2250	2850	4.73	9.98	12.64
	18	16	10	3.07	2.77	1.66	4.1	7.5	8.8	980	2250	2920	4.73	9.98	12.95
	18	13	13	3.02	2.24	2.24	4.1	7.5	8.8	980	2250	2920	4.73	9.98	12.95

Heating, 230V

Operating status	Combination			Unit capacity (kW)			Heating capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10			4.00			0.8	4.0	5.20	300	1500	1980	1.79	6.65	8.78
	13			5.00			0.8	5.0	6.50	310	2050	2750	1.85	9.09	12.20
	16			5.50			0.8	5.5	6.90	310	2400	3000	1.85	10.65	13.31
	18			6.00			0.8	6.0	7.1	310	2630	3200	1.85	11.67	14.20
2 unit operation	10	10		3.60	3.60		1.5	7.2	10.0	320	2050	3200	1.86	9.09	14.20
	13	10		4.22	3.38		1.5	7.6	10.1	320	2240	3210	1.86	9.94	14.24
	16	10		4.57	3.33		1.5	7.9	10.1	320	2380	3230	1.86	10.56	14.33
	13	13		3.95	3.95		1.5	7.9	10.1	320	2380	3230	1.86	10.56	14.33
	16	13		4.35	3.95		1.5	8.3	10.2	320	2560	3240	1.86	11.36	14.37
	18	10		4.74	3.16		1.5	7.9	10.1	320	2380	3230	1.86	10.56	14.33
	18	13		4.53	3.77		1.5	8.3	10.2	320	2560	3240	1.86	11.36	14.37
	18	16		4.49	4.11		1.5	8.6	10.2	320	2700	3250	1.86	11.98	14.42
	18	18		4.30	4.30		1.5	8.6	10.2	320	2700	3250	1.86	11.98	14.42
	16	16		4.30	4.30		1.5	8.6	10.2	320	2700	3250	1.86	11.98	14.42

3 unit operation	10	10	10	2.87	2.87	2.87	2.0	8.6	10.4	380	2300	2750	2.07	10.20	12.20
	13	10	10	3.35	2.68	2.68	2.0	8.7	10.5	380	2360	2760	2.07	10.47	12.24
	16	10	10	3.59	2.61	2.61	2.0	8.8	10.6	380	2430	2780	2.07	10.78	12.33
	13	13	10	3.14	3.14	2.51	2.0	8.8	10.6	380	2430	2780	2.07	10.78	12.33
	16	13	10	3.34	3.03	2.43	2.0	8.8	10.6	380	2430	2780	2.07	10.78	12.33
	13	13	13	2.93	2.93	2.93	2.0	8.8	10.6	380	2430	2780	2.07	10.78	12.33
	16	16	10	3.26	3.26	2.37	2.0	8.9	10.7	380	2490	2790	2.07	11.05	12.38
	16	13	13	3.16	2.87	2.87	2.0	8.9	10.7	380	2490	2790	2.07	11.05	12.38
	16	16	13	3.09	3.09	2.81	2.0	9.0	10.8	380	2550	2800	2.07	11.31	12.42
	18	10	10	3.77	2.51	2.51	2.0	8.8	10.6	380	2430	2780	2.07	10.78	12.33
	18	13	10	3.52	2.93	2.35	2.0	8.8	10.6	380	2430	2780	2.07	10.78	12.33
	18	16	10	3.45	3.16	2.30	2.0	8.9	10.7	380	2490	2790	2.07	11.05	12.38
	18	13	13	3.34	2.78	2.78	2.0	8.9	10.7	380	2490	2790	2.07	11.05	12.38
	16	18	13	3.09	3.09	2.81	2.0	9.0	10.8	380	2550	2800	2.07	11.31	12.42

4-room Multisplit

Combination ratings heat pump

Cooling, 230V

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10				2.70				1.4	2.7	3.2	640	750	950	3.81	3.43	4.21
	13				3.70				1.4	3.7	4.4	640	1200	1520	3.81	5.49	6.74
	16				4.50				1.4	4.5	5.0	640	1650	2000	3.81	7.55	8.87
	18				5.00				1.4	5.0	5.2	640	1950	2100	3.81	8.92	9.32
	24				7.10				1.4	7.1	7.1	640	2390	2020	3.81	10.94	8.96
2 unit operation	10	10			2.70	2.70			2.5	5.4	6.3	640	1530	2040	3.71	7.00	9.05
	13	10			3.41	2.49			2.7	5.9	6.6	660	1810	2220	3.83	8.28	9.85
	16	10			3.94	2.36			2.9	6.3	6.9	670	2040	2400	3.88	9.34	10.65
	18	10			4.09	2.21			2.9	6.3	6.9	670	2040	2400	3.88	9.34	10.65
	24	10			5.22	1.98			3.2	7.2	7.5	670	2040	2400	3.88	9.34	10.65
	13	13			3.15	3.15			2.9	6.3	6.9	670	2040	2400	3.88	9.34	10.65
	16	13			3.73	3.07			3.0	6.8	7.2	690	2320	2570	4.00	10.62	11.40
	18	13			3.91	2.89			3.0	6.8	7.2	690	2320	2570	4.00	10.62	11.40
	24	13			4.73	2.47			3.2	7.2	7.5	670	2040	2400	3.88	9.34	10.65
	16	16			3.60	3.60			3.2	7.2	7.5	700	2550	2750	4.06	11.67	12.20
	18	16			3.79	3.41			3.2	7.2	7.5	700	2550	2750	4.06	11.67	12.20
	24	16			4.41	2.79			3.2	7.2	7.5	670	2040	2400	3.88	9.34	10.65
	18	18			3.60	3.60			3.2	7.2	7.5	700	2550	2750	4.06	11.67	12.20
	24	18			4.22	2.98			3.2	7.2	7.5	670	2040	2400	3.88	9.34	10.65
	24	24			4.00	4.00			3.2	8.0	8.0	670	2500	2500	3.64	11.32	11.32
3 unit operation	10	10	10		2.53	2.53	2.53		3.8	7.6	8.2	950	2400	2720	5.16	10.98	12.07
	13	10	10		3.13	2.28	2.28		3.9	7.7	8.3	960	2410	2740	5.22	11.03	12.16
	16	10	10		3.50	2.10	2.10		4.0	7.7	8.5	960	2410	2790	5.22	11.03	12.38
	18	10	10		3.70	2.00	2.00		4.0	7.7	8.5	960	2410	2790	5.22	11.03	12.38
	24	10	10		4.49	1.71	1.71		4.1	7.9	8.7	970	2440	2830	5.27	11.17	12.56
	13	13	10		2.82	2.82	2.06		4.0	7.7	8.5	960	2410	2790	5.22	11.03	12.38
	16	13	10		3.22	2.65	1.93		4.1	7.8	8.6	970	2430	2810	5.27	11.12	12.47
	18	13	10		3.42	2.53	1.85		4.1	7.8	8.6	970	2430	2810	5.27	11.12	12.47
	24	13	10		4.15	2.17	1.58		4.1	7.9	8.7	970	2440	2830	5.27	11.17	12.56
	16	16	10		3.04	3.04	1.82		4.1	7.9	8.7	970	2440	2830	5.27	11.17	12.56
	18	16	10		3.20	2.88	1.73		4.1	7.8	8.6	970	2430	2810	5.27	11.12	12.47
	24	16	10		3.97	2.52	1.51		4.3	8.0	9.0	980	2450	2900	5.33	11.21	12.87
	13	13	13		2.60	2.60	2.60		4.1	7.8	8.6	970	2430	2810	5.27	11.12	12.47
	16	13	13		2.99	2.46	2.46		4.1	7.9	8.7	970	2440	2830	5.27	11.17	12.56
	18	13	13		3.19	2.36	2.36		4.1	7.9	8.7	970	2440	2830	5.27	11.17	12.56
	24	13	13		3.87	2.02	2.02		4.1	7.9	8.7	970	2440	2830	5.27	11.17	12.56
	16	16	13		2.80	2.80	2.30		4.1	7.9	8.7	970	2440	2830	5.27	11.17	12.56
	16	16	16		2.67	2.67	2.67		4.3	8.0	9.0	980	2450	2900	5.33	11.21	12.87
	24	16	13		3.71	2.35	1.93		4.3	8.0	9.0	980	2450	2900	5.33	11.21	12.87

4 unit operation	10	10	10	10	1.98	1.98	1.98	1.98	4.0	7.9	8.7	930	2450	2800	5.05	11.21	12.42
	13	10	10	10	2.48	1.81	1.81	1.81	4.1	7.9	8.8	940	2450	2820	5.11	11.21	12.51
	16	10	10	10	2.86	1.71	1.71	1.71	4.1	8.0	9.0	940	2500	2860	5.11	11.44	12.69
	18	10	10	10	3.05	1.75	1.75	1.75	4.1	8.0	9.0	940	2500	2860	5.11	11.44	12.69
	13	13	10	10	2.31	2.31	1.69	1.69	4.1	8.0	9.0	940	2500	2860	5.11	11.44	12.69
	16	13	10	10	2.65	2.18	1.59	1.59	4.2	8.0	9.1	950	2500	2880	5.16	11.44	12.78
	16	16	10	10	2.50	2.50	1.50	1.50	4.2	8.0	9.2	950	2500	2900	5.16	11.44	12.87
	18	13	10	10	2.84	2.10	1.53	1.53	4.2	8.0	9.1	950	2500	2880	5.16	11.44	12.78
	13	13	13	10	2.14	2.14	2.14	1.57	4.2	8.0	9.1	950	2500	2880	5.16	11.44	12.78
	16	13	13	10	2.47	2.03	2.03	1.48	4.2	8.0	9.2	950	2500	2900	5.16	11.44	12.87
	13	13	13	13	2.00	2.00	2.00	2.00	4.2	8.0	9.2	950	2500	2900	5.16	11.44	12.87
	24	10	10	10	3.74	1.42	1.42	1.42	4.2	8.0	9.1	950	2500	2880	5.16	11.44	12.78

Heating, 230V

Operating status	Combination				Unit capacity (kW)				Heating capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10				4.00				0.8	4.0	5.2	300	1450	1980	1.79	6.64	8.78
	13				5.00				0.8	5.0	6.5	310	2050	2750	1.85	9.38	12.20
	16				5.50				0.8	5.5	6.9	310	2400	3000	1.85	10.98	13.31
	18				6.00				0.8	6.0	7.1	310	2630	3200	1.85	12.04	14.20
	24				8.10				0.8	8.1	8.1	640	3300	3300	3.81	14.95	14.95
2 unit operation	10	10			3.60	3.60			1.5	7.2	10.0	320	2100	3200	1.86	9.61	14.20
	13	10			4.22	3.38			1.5	7.6	10.1	320	2320	3210	1.86	10.62	14.24
	16	10			4.57	3.33			1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33
	18	10			4.74	3.16			1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33
	24	10			5.56	2.74			1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37
	13	13			3.95	3.95			1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33
	16	13			4.35	3.95			1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37
	18	13			4.53	3.77			1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37
	24	13			5.32	3.28			1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	16	16			4.30	4.30			1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	18	16			4.49	4.11			1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	24	16			5.12	3.48			1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	18	18			4.30	4.30			1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	24	18			4.94	3.66			1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
24	24			4.50	4.50			1.5	9.0	9.0	320	2250	2250	1.86	10.19	10.19	
3 unit operation	10	10	10		2.87	2.87	2.87		2.0	8.6	10.4	380	2300	2750	2.07	10.53	12.20
	13	10	10		3.35	2.68	2.68		2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	16	10	10		3.54	2.58	2.58		2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	18	10	10		3.73	2.49	2.49		2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	24	10	10		4.48	2.21	2.21		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	13	13	10		3.11	3.11	2.49		2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	16	13	10		3.34	3.03	2.43		2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33
	18	13	10		3.56	2.97	2.37		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	24	13	10		4.22	2.60	2.08		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	16	16	10		3.26	3.26	2.37		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	18	16	10		3.45	3.16	2.30		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	24	16	10		4.10	2.78	2.02		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	13	13	13		2.93	2.93	2.93		2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33
	16	13	13		3.16	2.87	2.87		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	18	13	13		3.34	2.78	2.78		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	24	13	13		3.98	2.46	2.46		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	16	16	13		3.06	3.06	2.78		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	16	16	16		2.97	2.97	2.97		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
24	16	13		3.88	2.63	2.39		2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	
4 unit operation	10	10	10	10	2.23	2.23	2.23	2.23	2.2	8.9	10.8	450	2100	2810	2.45	9.61	12.47
	13	10	10	10	2.62	2.09	2.09	2.09	2.2	8.9	10.9	460	2100	2830	2.50	9.61	12.56
	16	10	10	10	2.83	2.06	2.06	2.06	2.2	9.0	10.9	460	2250	2830	2.50	10.30	12.56
	18	10	10	10	3.00	2.00	2.00	2.00	2.2	9.0	10.9	460	2250	2830	2.50	10.30	12.56
	13	13	10	10	2.50	2.50	2.00	2.00	2.2	9.0	10.9	470	2250	2830	2.55	10.30	12.56
	16	13	10	10	2.68	2.43	1.95	1.95	2.2	9.0	11.0	480	2250	2850	2.61	10.30	12.64
	16	16	10	10	2.61	2.61	1.89	1.89	2.2	9.0	11.0	500	2250	2850	2.72	10.30	12.64
	18	13	10	10	2.84	2.37	1.89	1.89	2.2	9.0	11.0	490	2250	2850	2.66	10.30	12.64
	13	13	13	10	2.37	2.37	2.37	1.89	2.2	9.0	11.0	480	2250	2850	2.61	10.30	12.64
	16	13	13	10	2.54	2.31	2.31	1.85	2.2	9.0	11.0	490	2250	2850	2.66	10.30	12.64
	13	13	13	13	2.25	2.25	2.25	2.25	2.2	9.0	11.0	490	22580	2850	2.66	10.30	12.64
	24	10	10	10	3.63	1.79	1.79	1.79	2.2	9.0	11.0	480	2250	2850	2.61	10.30	12.64

5-room Multisplit

Combination ratings **heat pump**

Cooling, 230 V

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10					2.70					1.4	2.7	3.2	640	750	950	3.66	4.23	4.44
	13					3.70					1.4	3.7	4.4	640	1200	1520	3.52	5.93	6.88
	16					4.50					1.4	4.5	5.0	640	1650	2000	3.52	7.63	8.87
	18					5.00					1.4	5.0	5.2	640	1950	2100	3.52	8.92	9.32
	24					7.10					1.4	7.0	5.2	640	2500	2100	3.52	11.44	9.32
2 unit operation	10	10				2.70	2.70				2.5	5.4	6.3	640	1530	2040	3.48	7.00	9.05
	13	10				3.41	2.49				2.7	5.9	6.6	660	1810	2220	3.59	8.28	9.85
	16	10				3.94	2.36				2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65
	18	10				2.49	2.21				2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65
	24	10				5.20	2.00				3.2	7.2	7.5	670	2040	2400	3.64	9.34	10.65
	13	13				3.15	3.15				2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65
	16	13				3.73	3.07				3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40
	18	13				3.91	2.89				3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40
	24	13				4.71	2.49				3.2	7.2	7.5	670	2040	2400	3.64	9.34	10.65
	16	16				3.60	3.60				3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	18	16				3.79	3.41				3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	24	16				4.38	2.82				3.2	7.2	7.5	670	2040	2400	3.64	9.34	10.65
	18	18				3.60	3.60				3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	24	18				4.20	3.00				3.2	7.2	7.5	670	2040	2400	3.64	9.34	10.65
	24	24				3.60	3.60				3.2	7.2	7.5	670	2040	2400	3.64	9.34	10.65
3 unit operation	10	10	10			2.53	2.53	2.53			3.8	7.6	8.2	950	2400	2720	4.59	10.98	12.07
	13	10	10			3.13	2.28	2.28			3.9	7.7	8.3	960	2410	2740	4.64	11.03	12.16
	16	10	10			3.50	2.10	2.10			4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	18	10	10			3.70	2.00	2.00			4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	24	10	10			4.46	1.72	1.72			4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	13	13	10			2.82	2.82	2.06			4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	16	13	10			3.22	2.65	1.93			4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	18	13	10			3.42	2.53	1.85			4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	24	13	10			4.13	2.18	1.59			4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	16	16	10			3.04	3.04	1.82			4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	18	16	10			3.20	2.88	1.73			4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	24	16	10			3.94	2.54	1.52			4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	18	18	10			3.11	3.11	1.68			4.1	7.9	8.6	970	2440	2830	4.69	11.17	12.56
	13	13	13			2.60	2.60	2.60			4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	16	13	13			2.99	2.46	2.46			4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	18	13	13			3.19	2.36	2.36			4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	24	13	13			3.84	2.03	2.03			4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	16	16	13			2.80	2.80	2.30			4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	16	16	16			2.67	2.67	2.67			4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	18	16	13			2.99	2.69	2.21			4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
24	16	13			3.68	2.37	1.95			4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	
18	18	13			2.88	2.88	2.13			4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	
24	18	13			3.57	2.55	1.89			4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	
4 unit operation	10	10	10	10		1.98	1.98	1.98	1.98		4.0	7.9	8.7	930	2450	2800	4.49	11.21	12.42
	13	10	10	10		2.248	1.81	1.81	1.81		4.1	7.9	8.8	940	2450	2820	4.54	11.21	12.51
	16	10	10	10		2.86	1.71	1.71	1.71		4.1	8.0	9.0	940	2500	2860	4.54	11.44	12.69
	18	10	10	10		3.05	1.75	1.75	1.75		4.1	8.0	9.0	940	2500	2860	4.54	11.44	12.69
	24	10	10	10		3.71	1.43	1.43	1.43		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	13	13	10	10		2.31	2.31	1.69	1.69		4.1	8.0	9.0	940	2500	2860	4.54	11.44	12.69
	16	13	10	10		2.65	2.18	1.59	1.59		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	24	13	10	10		3.48	1.84	1.34	1.34		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	16	16	10	10		2.50	2.50	1.50	1.50		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	18	13	10	10		2.84	2.10	1.53	1.53		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	24	16	10	10		3.31	2.13	1.28	1.28		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	18	16	10	10		2.68	2.42	1.45	1.45		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	18	18	10	10		2.60	2.60	1.40	1.40		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	24	18	10	10		3.22	2.30	1.24	1.24		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	13	13	13	10		2.14	2.14	1.57	1.57		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	16	13	13	10		2.47	2.03	2.03	1.48		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	24	13	13	10		3.27	1.73	1.73	1.26		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	16	16	13	10		2.34	2.34	1.92	1.40		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	24	16	13	10		3.13	2.01	1.65	1.21		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	18	13	13	10		2.65	1.96	1.96	1.43		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	18	16	13	10		2.52	2.26	1.86	1.36		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	18	18	13	10		2.44	2.44	1.80	1.32		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	24	18	13	10		3.04	2.17	1.61	1.17		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	13	13	13	13		2.00	2.00	2.00	2.00		4.2	9.0	9.2	950	2500	2900	4.59	11.44	12.87
	16	13	13	13		2.31	1.90	1.90	1.90		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	18	13	13	13		2.48	1.84	1.84	1.84		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
	24	13	13	13		3.09	1.64	1.64	1.64		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78
	16	16	13	13		2.20	2.20	1.80	1.80		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87
18	16	13	13		2.37	2.13	1.75	1.75		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87	
24	16	13	13		2.96	1.90	1.57	1.57		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78	
18	18	13	13		2.30	2.30	1.70	1.70		4.2	8.0	9.2	950	2500	2900	4.59	11.44	12.87	
24	18	13	13		2.89	2.06	1.53	1.53		4.2	8.0	9.1	950	2500	2880	4.59	11.44	12.78	

5 unit operation	10	10	10	10	10	1.98	1.98	1.98	1.98	1.98	3.7	9.9	10.9	950	2840	3670	4.59	13.24	16.28
	13	10	10	10	10	2.53	1.84	1.84	1.84	1.84	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	16	10	10	10	10	2.91	1.75	1.75	1.75	1.75	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	18	10	10	10	10	3.13	1.69	1.69	1.69	1.69	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	13	13	10	10	10	2.36	2.36	1.72	1.72	1.72	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	16	13	10	10	10	2.73	2.25	1.64	1.64	1.64	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	18	13	10	10	10	2.95	2.18	1.59	1.59	1.59	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	16	16	10	10	10	2.61	2.61	1.56	1.56	1.56	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	13	13	13	10	10	2.22	2.22	2.22	1.62	1.62	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	16	13	13	10	10	2.58	2.12	2.12	1.55	1.55	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	18	13	13	10	10	2.78	2.06	2.06	1.50	1.50	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	16	16	13	10	10	2.49	2.49	2.04	1.49	1.49	3.7	10.0	11.0	950	2923	3700	4.59	13.38	16.42
	13	13	13	13	10	2.09	2.09	2.09	2.09	1.53	3.7	9.9	10.9	950	2894	3670	4.59	13.24	16.28
	16	13	13	13	10	2.46	2.02	2.02	2.02	1.48	3.7	10.0	11.0	950	2923	3700	4.59	13.38	16.42
	18	13	13	13	10	2.66	1.97	1.97	1.97	1.44	3.7	10.0	11.0	950	2923	3700	4.59	13.38	16.42
	16	16	13	13	10	2.36	2.36	1.94	1.94	1.41	3.7	10.0	11.0	950	2923	3700	4.59	13.38	16.42
	13	13	13	13	13	2.00	2.00	2.00	2.00	2.00	3.7	10.0	11.0	950	2923	3700	4.59	13.38	16.42
	16	13	13	13	13	2.33	1.92	1.92	1.92	1.92	3.7	10.0	11.0	950	2923	3700	4.59	13.38	16.42
	24	10	10	10	10	3.93	1.52	1.52	1.52	1.52	3.7	10.0	11.0	950	2923	3700	4.59	13.38	16.42

Heating, 230 V

Operating status	Combination					Unit capacity (kW)					Heating capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10					4.00					0.8	4.0	5.2	300	1450	1980	1.79	6.64	8.78
	13					5.00					0.8	5.0	6.5	310	2050	2750	1.85	9.38	12.20
	16					5.50					0.8	5.5	6.9	310	2400	3000	1.85	10.98	13.31
	18					6.00					0.8	6.0	7.1	310	2630	3200	1.85	12.04	14.20
	24					8.10					1.8	8.1	8.6	330	3300	3700	1.97	14.95	16.42
2 unit operation	10	10				3.60	3.60				1.5	7.2	10.0	320	2100	3200	1.86	9.61	14.20
	13	10				4.22	3.38				1.5	7.6	10.1	320	2320	3210	1.86	10.62	14.24
	16	10				4.57	3.33				1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33
	18	10				4.74	3.16				1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33
	24	10				5.76	2.84				1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	13	13				3.95	3.95				1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33
	16	13				4.35	3.95				1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37
	18	13				4.53	3.77				1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37
	24	13				5.32	3.28				1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	16	16				4.30	4.30				1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	18	16				4.49	4.11				1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	24	16				5.12	3.48				1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	18	18				4.30	4.30				1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	24	18				4.94	3.66				1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
24	24				4.55	4.55				1.5	9.1	10.7	320	2220	2610	1.86	10.05	11.58	
3 unit operation	10	10	10			2.87	2.87	2.87			2.0	8.6	10.4	380	2300	2750	2.07	10.53	12.20
	13	10	10			3.35	2.68	2.68			2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	16	10	10			3.54	2.58	2.58			2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	18	10	10			3.73	2.49	2.49			2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	24	10	10			4.48	2.21	2.21			2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	13	13	10			3.11	3.11	2.49			2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	16	13	10			3.34	3.03	2.43			2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33
	18	13	10			3.56	2.97	2.37			2.0	8.9	10.7	380	2450	2760	2.07	11.21	12.38
	24	13	10			4.22	2.60	2.08			2.0	8.9	10.7	380	2450	2760	2.07	11.21	12.38
	16	16	10			3.26	3.26	2.37			2.0	8.9	10.7	380	2450	2760	2.07	11.21	12.38
	18	16	10			3.45	3.16	2.30			2.0	8.9	10.7	380	2450	2760	2.07	11.21	12.38
	24	16	10			4.10	2.78	2.02			2.0	8.9	10.7	380	2450	2760	2.07	11.21	12.38
	18	18	10			3.34	3.34	2.23			2.0	8.9	10.7	380	2450	2760	2.07	11.21	12.38
	13	13	13			2.93	2.93	2.93			2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33
	16	13	13			3.16	2.87	2.87			2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	18	13	13			3.34	2.78	2.78			2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	24	13	13			3.98	2.46	2.46			2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	16	16	13			3.06	3.06	2.78			2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	16	16	16			2.97	2.97	2.97			2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	18	16	13			3.24	2.97	2.70			2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	24	16	13			3.88	2.63	2.39			2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	18	18	13			3.14	3.14	2.62			2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	24	18	10			4.16	3.08	2.06			2.0	9.3	11.1	380	2270	2610	2.07	10.39	11.58
	24	18	13			3.94	2.92	2.43			2.0	9.3	11.1	380	2270	2610	2.07	10.39	11.58
24	24	10			3.77	3.77	1.86			2.0	9.4	11.2	380	2290	2630	2.07	10.37	11.67	

4 unit operation	10	10	10	10		2.43	2.43	2.43	2.43		2.2	9.7	11.6	470	2370	2780	2.55	10.85	12.33
	13	10	10	10		2.91	2.33	2.33	2.33		2.2	9.9	11.7	480	2390	2900	2.61	10.94	12.87
	16	10	10	10		3.14	2.29	2.29	2.29		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	10	10	10		3.33	2.22	2.22	2.22		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	10	10	10		4.03	1.99	1.99	1.99		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	13	13	10	10		2.78	2.78	2.22	2.22		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	16	13	10	10		2.97	2.70	2.16	2.16		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	13	10	10		3.84	2.37	1.90	1.90		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	16	16	10	10		2.89	2.89	2.11	2.11		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	13	10	10		3.16	2.63	2.11	2.11		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	16	10	10		3.75	2.55	1.85	1.85		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	16	10	10		3.08	2.82	2.05	2.05		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	18	10	10		3.00	3.00	2.00	2.00		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	18	10	10		3.67	2.71	1.81	1.81		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	13	13	13	10		2.63	2.63	2.63	2.11		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	16	13	13	10		2.82	2.56	2.56	2.05		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	13	13	10		3.67	2.26	2.26	1.81		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	16	16	13	10		2.75	2.75	2.50	2.00		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	16	13	10		3.58	2.43	2.21	1.77		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	13	13	10		3.00	2.50	2.50	2.00		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	16	13	10		2.93	2.68	2.44	1.95		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	18	13	10		2.86	2.86	2.38	1.90		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	18	13	10		3.51	2.60	2.16	1.73		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	13	13	13	13		2.50	2.50	2.50	2.50		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	16	13	13	13		2.68	2.44	2.44	2.44		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	13	13	13		2.86	2.38	2.38	2.38		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	13	13	13		3.51	2.16	2.16	2.16		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	16	16	13	13		2.62	2.62	2.38	2.38		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	16	13	13		2.79	2.56	2.33	2.33		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	16	13	13		3.43	2.33	2.12	2.12		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	18	18	13	13		2.73	2.73	2.27	2.27		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
	24	18	13	13		3.36	2.49	2.07	2.07		2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87
5 unit operation	10	10	10	10	10	2.34	2.34	2.34	2.34	2.34	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	13	10	10	10	10	2.79	2.23	2.23	2.23	2.23	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	16	10	10	10	10	2.99	2.18	2.18	2.18	2.18	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	18	10	10	10	10	3.19	2.13	2.13	2.13	2.13	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	13	13	10	10	10	2.66	2.66	2.13	2.13	2.13	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	16	13	10	10	10	2.86	2.60	2.08	2.08	2.08	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	18	13	10	10	10	3.05	2.54	2.03	2.03	2.03	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	16	16	10	10	10	2.80	2.80	2.03	2.03	2.03	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	13	13	13	10	10	2.54	2.54	2.54	2.03	2.03	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	16	13	13	10	10	2.74	2.49	2.49	1.99	1.99	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	18	13	13	10	10	2.93	2.44	2.44	1.95	1.95	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	16	16	13	10	10	2.75	2.75	2.50	2.00	2.00	3.4	12.0	14.0	775	2833	4200	4.21	12.97	18.63
	13	13	13	13	10	2.44	2.44	2.44	2.44	1.95	3.4	11.7	13.7	775	2762	4120	4.21	12.64	18.28
	16	13	13	13	10	2.69	2.45	2.45	2.45	1.96	3.4	12.0	14.0	775	2833	4200	4.21	12.97	18.63
	18	13	13	13	10	2.88	2.40	2.40	2.40	1.92	3.4	12.0	14.0	775	2833	4200	4.21	12.97	18.63
	16	16	13	13	10	2.64	2.64	2.40	2.40	1.92	3.4	12.0	14.0	775	2833	4200	4.21	12.97	18.63
	13	13	13	13	13	2.40	2.40	2.40	2.40	2.40	3.4	12.0	14.0	775	2833	4200	4.21	12.97	18.63
16	13	13	13	13	2.59	2.35	2.35	2.35	2.35	3.4	12.0	14.0	775	2833	4200	4.21	12.97	18.63	
24	10	10	10	10	4.03	1.99	1.99	1.99	1.99	3.4	12.0	14.0	775	2833	4200	4.21	12.97	18.63	
24	13	10	10	10	3.87	2.39	1.91	1.91	1.91	3.4	12.0	14.0	775	2833	4200	4.21	12.97	18.63	



TOSHIBA

HEAT PUMPS

Notice: Toshiba is committed to continuously improving its product to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

All features and specifications subject to change without prior notice.

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Equipment rated in accordance with MEPS AS3823.3 2007



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