

Operation mode : Heating

Power supply voltage : 230V

Operating status	Indoor unit					Unit capacity (kW)					Heating capacity (kW)			Power consumption (W)			Operating current (A)			Power factor (%)			SCOP	
	A	B	C	D	E	ΣkBTU	A	B	C	D	E	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min	Rate		Max
1 unit	05	-	-	-	-	5	2.00	-	-	-	-	0.8	2.0	2.7	300	600	900	1.79	3.00	3.99	73	87	98	-
	07	-	-	-	-	7	2.70	-	-	-	-	0.8	2.7	4.8	300	900	1980	1.79	4.50	8.78	73	87	98	-
	10	-	-	-	-	10	4.00	-	-	-	-	0.8	4.0	5.2	300	1450	1980	1.79	6.64	8.78	73	95	98	-
	13	-	-	-	-	13	5.00	-	-	-	-	0.8	5.0	6.5	310	2050	2750	1.85	9.38	12.20	73	95	98	-
	16	-	-	-	-	16	5.50	-	-	-	-	0.8	5.5	6.9	310	2400	3000	1.85	10.98	13.31	73	95	98	-
	18	-	-	-	-	18	6.00	-	-	-	-	0.8	6.0	7.1	310	2630	3200	1.85	12.04	14.20	73	95	98	-
	22	-	-	-	-	22	7.00	-	-	-	-	1.8	7.0	8.2	330	2620	3200	1.97	11.99	14.20	73	95	98	-
24	-	-	-	-	24	8.10	-	-	-	-	1.8	8.1	8.6	330	3080	3300	1.97	14.10	14.64	73	95	98	-	
2 units	05	05	-	-	-	10	2.00	2.00	-	-	-	2.0	4.0	6.4	320	850	1400	1.86	3.89	6.21	75	95	98	4.05
	07	05	-	-	-	12	2.70	2.00	-	-	-	2.0	4.7	6.9	320	1050	1540	1.86	4.81	6.83	75	95	98	4.14
	10	05	-	-	-	15	4.00	2.00	-	-	-	2.0	6.0	7.4	320	1350	1680	1.86	6.18	7.45	75	95	98	4.22
	13	05	-	-	-	18	5.00	2.00	-	-	-	2.0	7.0	8.9	320	1560	2120	1.86	7.14	9.41	75	95	98	4.22
	16	05	-	-	-	21	5.50	2.00	-	-	-	2.0	7.5	9.5	320	1700	2300	1.86	7.78	10.20	75	95	98	4.31
	18	05	-	-	-	23	5.70	1.90	-	-	-	2.0	7.6	9.8	320	1850	2400	1.86	8.47	10.65	75	95	98	4.31
	22	05	-	-	-	27	5.99	1.71	-	-	-	2.0	7.7	11.2	320	1980	2760	1.86	9.06	12.24	75	95	98	4.21
	24	05	-	-	-	29	6.34	1.56	-	-	-	2.0	7.9	11.2	320	1980	2770	1.86	9.06	12.29	75	95	98	4.21
	07	07	-	-	-	14	2.70	2.70	-	-	-	1.5	5.4	7.4	320	1400	2900	1.86	6.41	12.87	75	95	98	4.22
	10	07	-	-	-	17	4.00	2.70	-	-	-	1.5	6.7	8.9	320	1950	3050	1.86	8.92	13.53	75	95	98	4.22
	13	07	-	-	-	20	4.81	2.59	-	-	-	1.5	7.4	9.5	320	2300	3200	1.86	10.53	14.20	75	95	98	4.31
	16	07	-	-	-	23	5.10	2.50	-	-	-	1.5	7.6	9.5	320	2300	3200	1.86	10.53	14.20	75	95	98	4.31
	18	07	-	-	-	25	5.45	2.45	-	-	-	1.5	7.9	9.5	320	2450	3200	1.86	11.21	14.20	75	95	98	4.31
	22	07	-	-	-	29	5.70	2.20	-	-	-	1.5	7.9	9.8	320	2450	3200	1.86	11.21	14.20	75	95	98	4.21
	24	07	-	-	-	31	6.23	2.08	-	-	-	1.5	8.3	10.1	320	2500	3250	1.86	11.44	14.42	75	95	98	4.21
	10	10	-	-	-	20	3.60	3.60	-	-	-	1.5	7.2	9.5	320	2200	3200	1.86	10.07	14.20	75	95	98	4.31
	13	10	-	-	-	23	4.22	3.38	-	-	-	1.5	7.6	9.5	320	2300	3200	1.86	10.53	14.20	75	95	98	4.31
	16	10	-	-	-	26	4.57	3.33	-	-	-	1.5	7.9	9.5	320	2450	3200	1.86	11.21	14.20	75	95	98	4.31
	18	10	-	-	-	28	4.74	3.16	-	-	-	1.5	7.9	9.8	320	2450	3200	1.86	11.21	14.20	75	95	98	4.31
	22	10	-	-	-	32	5.28	3.02	-	-	-	1.5	8.3	10.1	320	2500	3250	1.86	11.44	14.42	75	95	98	4.21
	24	10	-	-	-	34	5.76	2.84	-	-	-	1.5	8.6	10.4	320	2550	3250	1.86	11.67	14.42	75	95	98	4.21
	13	13	-	-	-	26	3.95	3.95	-	-	-	1.5	7.9	9.8	320	2450	3200	1.86	11.21	14.20	75	95	98	4.31
	16	13	-	-	-	29	4.35	3.95	-	-	-	1.5	8.3	10.1	320	2500	3250	1.86	11.44	14.42	75	95	98	4.31
	18	13	-	-	-	31	4.53	3.77	-	-	-	1.5	8.3	10.1	320	2500	3250	1.86	11.44	14.42	75	95	98	4.31
	22	13	-	-	-	35	5.02	3.58	-	-	-	1.5	8.6	10.4	320	2550	3250	1.86	11.67	14.42	75	95	98	4.21
	24	13	-	-	-	37	5.32	3.28	-	-	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42	75	95	98	4.21
	16	16	-	-	-	32	4.30	4.30	-	-	-	1.5	8.6	10.4	320	2550	3250	1.86	11.67	14.42	75	95	98	4.31
	18	16	-	-	-	34	4.49	4.11	-	-	-	1.5	8.6	10.4	320	2550	3250	1.86	11.67	14.42	75	95	98	4.31
	22	16	-	-	-	38	4.82	3.78	-	-	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42	75	95	98	4.21
	24	16	-	-	-	40	5.12	3.48	-	-	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42	75	95	98	4.21
	18	18	-	-	-	36	4.30	4.30	-	-	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42	75	95	98	4.30
	22	18	-	-	-	40	4.63	3.97	-	-	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42	75	95	98	4.21
24	18	-	-	-	42	4.94	3.66	-	-	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42	75	95	98	4.21	

Specification values are those under the condition as follows ;  
 Heating : Capacity test condition, inside : 20 °C (Db), outside : 7 °C (Db) / 6 °C (Wb)  
 Piping length : 5 m. per indoor unit.

Operation mode : Heating  
Power supply voltage : 230V

Operating status	Indoor unit					Unit capacity (kW)				Heating capacity (kW)			Power consumption (W)			Operating current (A)			Power factor (%)			SCOP		
	A	B	C	D	E	ΣKBTU	A	B	C	D	E	Min	Rate	Max	Min	Rate	Max	Min	Rate	Max	Min		Rate	Max
3 units	05	05	05	-	-	15	2.00	2.00	2.00	-	-	2.0	6.0	9.5	380	1220	1400	2.07	5.58	6.21	80	95	98	4.43
	07	05	05	-	-	17	2.70	2.00	2.00	-	-	2.0	6.7	10.0	380	1400	1540	2.07	6.41	6.83	80	95	98	4.43
	10	05	05	-	-	20	4.00	2.00	2.00	-	-	2.0	8.0	10.8	380	1850	1680	2.07	8.47	7.45	80	95	98	4.43
	13	05	05	-	-	23	4.94	1.98	1.98	-	-	2.0	8.9	11.2	380	2180	1790	2.07	9.98	7.94	80	95	98	4.44
	16	05	05	-	-	26	5.15	1.87	1.87	-	-	2.0	8.9	11.2	380	2180	2400	2.07	9.98	10.65	80	95	98	4.44
	18	05	05	-	-	28	4.80	1.60	1.60	-	-	2.0	8.0	10.8	380	1850	2730	2.07	8.47	12.11	80	95	98	4.43
	22	05	05	-	-	32	5.66	1.62	1.62	-	-	2.0	8.9	11.2	380	2180	2870	2.07	9.98	12.73	80	95	98	4.30
	24	05	05	-	-	34	5.96	1.47	1.47	-	-	2.0	8.9	11.2	380	2180	2770	2.07	9.98	12.29	80	95	98	4.30
	07	07	05	-	-	19	2.70	2.70	2.00	-	-	2.0	7.4	10.8	380	1600	1680	2.07	7.32	7.45	80	95	98	4.43
	10	07	05	-	-	22	4.00	2.70	2.00	-	-	2.0	8.7	11.2	380	2180	2120	2.07	9.98	9.41	80	95	98	4.44
	13	07	05	-	-	25	4.59	2.48	1.84	-	-	2.0	8.9	11.2	380	2180	2400	2.07	9.98	10.65	80	95	98	4.44
	16	07	05	-	-	28	4.80	2.36	1.75	-	-	2.0	8.9	11.2	380	2180	2730	2.07	9.98	12.11	80	95	98	4.44
	18	07	05	-	-	30	4.99	2.25	1.66	-	-	2.0	8.9	11.2	380	2180	2730	2.07	9.98	12.11	80	95	98	4.43
	22	07	05	-	-	34	5.32	2.05	1.52	-	-	2.0	8.9	11.2	380	2180	2770	2.07	9.98	12.29	80	95	98	4.30
	24	07	05	-	-	36	5.63	1.88	1.39	-	-	2.0	8.9	11.2	380	2180	2780	2.07	9.98	12.33	80	95	98	4.30
	10	10	05	-	-	25	3.56	3.56	1.78	-	-	2.0	8.9	11.2	380	2180	2730	2.07	9.98	12.11	80	95	98	4.44
	13	10	05	-	-	28	4.05	3.24	1.62	-	-	2.0	8.9	11.2	380	2180	2870	2.07	9.98	12.73	80	95	98	4.44
	16	10	05	-	-	31	4.26	3.10	1.55	-	-	2.0	8.9	11.2	380	2180	2770	2.07	9.98	12.29	80	95	98	4.44
	18	10	05	-	-	33	4.45	2.97	1.48	-	-	2.0	8.9	11.2	380	2180	2770	2.07	9.98	12.29	80	95	98	4.43
	22	10	05	-	-	37	4.79	2.74	1.37	-	-	2.0	8.9	11.2	380	2180	2780	2.07	9.98	12.33	80	95	98	4.30
	24	10	05	-	-	39	5.11	2.52	1.26	-	-	2.0	8.9	11.2	380	2180	2790	2.07	9.98	12.38	80	95	98	4.30
	13	13	05	-	-	31	3.71	3.71	1.48	-	-	2.0	8.9	11.2	380	2180	2770	2.07	9.98	12.29	80	95	98	4.44
	16	13	05	-	-	34	3.92	3.56	1.42	-	-	2.0	8.9	11.2	380	2180	2780	2.07	9.98	12.33	80	95	98	4.44
	18	13	05	-	-	36	4.11	3.42	1.37	-	-	2.0	8.9	11.2	380	2180	2780	2.07	9.98	12.33	80	95	98	4.43
	22	13	05	-	-	40	4.45	3.18	1.27	-	-	2.0	8.9	11.2	380	2180	2790	2.07	9.98	12.38	80	95	98	4.30
	24	13	05	-	-	42	4.77	2.95	1.18	-	-	2.0	8.9	11.2	380	2180	2800	2.07	9.98	12.42	80	95	98	4.30
	16	16	05	-	-	37	3.77	3.77	1.37	-	-	2.0	8.9	11.2	380	2180	2780	2.07	9.98	12.33	80	95	98	4.44
	18	16	05	-	-	39	3.96	3.63	1.32	-	-	2.0	8.9	11.2	380	2180	2790	2.07	9.98	12.38	80	95	98	4.43
	22	16	05	-	-	43	4.30	3.38	1.23	-	-	2.0	8.9	11.2	380	2180	2790	2.07	9.98	12.38	80	95	98	4.30
	24	16	05	-	-	45	4.67	3.17	1.15	-	-	2.0	9.0	11.2	380	2200	2800	2.07	10.07	12.42	80	95	98	4.30
	07	07	07	-	-	21	2.70	2.70	2.70	-	-	2.0	8.1	10.8	380	1800	2750	2.07	8.24	12.20	80	95	98	4.44
	10	07	07	-	-	24	3.53	2.38	2.38	-	-	2.0	8.3	10.8	380	1900	2750	2.07	8.70	12.20	80	95	98	4.44
	13	07	07	-	-	27	4.28	2.31	2.31	-	-	2.0	8.9	10.8	380	2175	2750	2.07	9.95	12.20	80	95	98	4.44
	16	07	07	-	-	30	4.49	2.20	2.20	-	-	2.0	8.9	10.8	380	2175	2750	2.07	9.95	12.20	80	95	98	4.44
	18	07	07	-	-	32	4.68	2.11	2.11	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.43
	22	07	07	-	-	36	5.02	1.94	1.94	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.30
	24	07	07	-	-	38	5.34	1.78	1.78	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.30
	10	10	07	-	-	27	3.18	3.18	2.14	-	-	2.0	8.5	10.8	380	2000	2750	2.07	9.15	12.20	80	95	98	4.44
	13	10	07	-	-	30	3.80	3.04	2.05	-	-	2.0	8.9	10.8	380	2175	2750	2.07	9.95	12.20	80	95	98	4.44
	16	10	07	-	-	33	4.01	2.92	1.97	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.44
	18	10	07	-	-	35	4.20	2.80	1.89	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.43
	22	10	07	-	-	39	4.55	2.60	1.75	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.30
	24	10	07	-	-	41	4.87	2.41	1.62	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.30
	13	13	07	-	-	33	3.50	3.50	1.89	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.44
	16	13	07	-	-	36	3.71	3.37	1.82	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.44
18	13	07	-	-	38	3.90	3.25	1.75	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.43	
22	13	07	-	-	42	4.24	3.03	1.63	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.30	
24	13	07	-	-	44	4.56	2.82	1.52	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.30	
16	16	07	-	-	39	3.57	3.57	1.75	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.44	
18	16	07	-	-	41	3.76	3.45	1.69	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.43	
22	16	07	-	-	45	4.14	3.26	1.60	-	-	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	80	95	98	4.30	
24	16	07	-	-	47	4.47	3.04	1.49	-	-	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	80	95	98	4.30	
10	10	10	-	-	30	2.97	2.97	2.97	-	-	2.0	8.9	10.8	380	2175	2750	2.07	9.95	12.20	80	95	98	4.44	
13	10	10	-	-	33	3.42	2.74	2.74	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.44	
16	10	10	-	-	36	3.63	2.64	2.64	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.44	
18	10	10	-	-	38	3.81	2.54	2.54	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.43	
22	10	10	-	-	42	4.15	2.37	2.37	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.30	
24	10	10	-	-	44	4.48	2.21	2.21	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.30	
13	13	10	-	-	36	3.18	3.18	2.54	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.44	
16	13	10	-	-	39	3.38	3.07	2.46	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.44	
18	13	10	-	-	41	3.56	2.97	2.37	-	-	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	80	95	98	4.43	
22	13	10	-	-	45	3.94	2.81	2.25	-	-	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	80	95	98	4.30	
24	13	10	-	-	47	4.26	2.63	2.11	-	-	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	80	95	98	4.30	
16	16	10	-																					