

SRC-2HW-HT

220V

COOLING Capacity																				
Unit Size	Water Flow (l/sec)	W.P.D (kPa)	Entering Air Condition DB=24.0°C WB=17.8°C (55%)									Entering Air Condition DB=26.0°C WB=19.5°C (55%)								
			Entering Water Temperature									Entering Water Temperature								
			5°C			7°C			9°C			5°C			7°C			9°C		
			SH (kW)	TH (kW)	ΔWT (°C)	SH (kW)	TH (kW)	ΔWT (°C)	SH (kW)	TH (kW)	ΔWT (°C)	SH (kW)	TH (kW)	ΔWT (°C)	SH (kW)	TH (kW)	ΔWT (°C)	SH (kW)	TH (kW)	ΔWT (°C)
300	0.05	3.3	1.52	2.00	9.6	1.38	1.76	8.5	1.25	1.52	7.3	1.63	2.28	10.9	1.49	2.04	9.8	1.35	1.80	8.6
	0.10	11.0	1.90	2.67	6.4	1.72	2.36	5.6	1.55	2.02	4.8	2.05	3.07	7.3	1.87	2.75	6.6	1.69	2.41	5.8
	0.15	22.2	2.06	3.03	4.8	1.86	2.66	4.2	1.67	2.28	3.6	2.23	3.48	5.5	2.02	3.11	5.0	1.83	2.73	4.4
	0.20	36.6	2.14	3.26	3.9	1.93	2.86	3.4	1.73	2.45	2.9	2.32	3.75	4.5	2.11	3.35	4.0	1.91	2.94	3.5
400	0.05	4.8	2.01	2.65	12.7	1.82	2.34	11.2	1.65	2.03	9.7	2.14	3.01	14.4	1.96	2.70	12.9	1.78	2.38	11.4
	0.10	15.8	2.58	3.66	8.8	2.34	3.23	7.7	2.11	2.78	6.6	2.78	4.18	10.0	2.53	3.75	9.0	2.29	3.30	7.9
	0.15	31.9	2.84	4.21	6.7	2.57	3.71	5.9	2.31	3.18	5.1	3.06	4.83	7.7	2.79	4.32	6.9	2.53	3.80	6.1
	0.20	52.4	2.98	4.57	5.5	2.70	4.02	4.8	2.42	3.44	4.1	3.23	5.25	6.3	2.94	4.70	5.6	2.66	4.13	4.9
600	0.05	5.5	2.31	3.03	14.5	2.10	2.68	12.8	1.91	2.32	11.1	2.46	3.43	16.4	2.25	3.08	14.8	2.05	2.72	13.0
	0.10	18.4	3.05	4.30	10.3	2.77	3.80	9.1	2.50	3.27	7.8	3.28	4.91	11.7	2.99	4.40	10.5	2.71	3.88	9.3
	0.15	37.0	3.41	5.02	8.0	3.09	4.42	7.1	2.78	3.80	6.1	3.68	5.75	9.2	3.35	5.15	8.2	3.03	4.53	7.2
	0.17	46.0	3.51	5.23	7.4	3.17	4.61	6.5	2.85	3.95	5.6	3.78	6.00	8.4	3.45	5.37	7.6	3.12	4.72	6.6
800	0.05	7.2	2.70	3.55	17.0	2.45	3.15	15.1	2.23	2.73	13.1	2.87	4.02	19.2	2.62	3.61	17.3	2.39	3.19	15.3
	0.10	23.8	3.68	5.20	12.4	3.33	4.59	11.0	3.01	3.96	9.5	3.94	5.92	14.1	3.60	5.31	12.7	3.27	4.68	11.2
	0.13	37.5	4.01	5.83	10.7	3.63	5.14	9.5	3.27	4.42	8.1	4.31	6.65	12.2	3.93	5.97	11.0	3.56	5.25	9.7
	0.15	48.0	4.18	6.17	9.8	3.78	5.43	8.7	3.41	4.67	7.4	4.49	7.05	11.2	4.10	6.32	10.1	3.71	5.56	8.9
1000	0.10	4.1	4.00	5.21	12.5	3.63	4.61	11.0	3.30	3.99	9.5	4.27	5.91	14.1	3.90	5.31	12.7	3.55	4.69	11.2
	0.20	13.6	5.18	7.24	8.7	4.69	6.38	7.6	4.23	5.49	6.6	5.58	8.27	9.9	5.08	7.42	8.9	4.61	6.53	7.8
	0.30	27.4	5.72	8.35	6.7	5.18	7.35	5.9	4.66	6.31	5.0	6.18	9.57	7.6	5.62	8.58	6.8	5.09	7.53	6.0
	0.40	45.1	6.03	9.08	5.4	5.45	7.99	4.8	4.89	6.84	4.1	6.52	10.43	6.2	5.93	9.34	5.6	5.36	8.20	4.9
1200	0.10	4.8	4.61	5.96	14.3	4.19	5.28	12.6	3.81	4.58	10.9	4.91	6.75	16.1	4.49	6.07	14.5	4.09	5.36	12.8
	0.20	16.0	6.13	8.50	10.2	5.55	7.51	9.0	5.02	6.47	7.7	6.57	9.69	11.6	6.00	8.70	10.4	5.44	7.66	9.2
	0.30	32.2	6.86	9.94	7.9	6.21	8.76	7.0	5.59	7.53	6.0	7.38	11.37	9.1	6.73	10.19	8.1	6.10	8.96	7.1
	0.35	42.1	7.09	10.46	7.1	6.42	9.21	6.3	5.78	7.91	5.4	7.65	11.98	8.2	6.97	10.73	7.3	6.31	9.43	6.4
1400	0.10	5.3	4.96	6.41	15.3	4.52	5.68	13.6	4.11	4.93	11.8	5.29	7.25	17.3	4.83	6.52	15.6	4.40	5.77	13.8
	0.20	17.7	6.70	9.28	11.1	6.08	8.20	9.8	5.50	7.07	8.5	7.18	10.57	12.6	6.55	9.49	11.3	5.95	8.36	10.0
	0.30	35.7	7.56	10.94	8.7	6.85	9.64	7.7	6.17	8.29	6.6	8.14	12.50	10.0	7.41	11.21	8.9	6.72	9.86	7.9
	0.35	46.6	7.84	11.54	7.9	7.10	10.17	6.9	6.39	8.73	6.0	8.45	13.21	9.0	7.70	11.84	8.1	6.98	10.41	7.1

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HEATING Capacity																						
Unit Size	Water Flow (l/sec)	W.P.D (kPa)	Entering Air Condition DB=20.0°C										Entering Air Condition DB=22.0°C									
			Entering Water Temperature										Entering Water Temperature									
			40°C		50°C		60°C		70°C		80°C		40°C		50°C		60°C		70°C		80°C	
			TH (kW)	ΔWT (°C)	TH (kW)	ΔWT (°C)	TH (kW)	ΔWT (°C)	TH (kW)	ΔWT (°C)	TH (kW)	ΔWT (°C)	TH (kW)	ΔWT (°C)	TH (kW)	ΔWT (°C)	TH (kW)	ΔWT (°C)	TH (kW)	ΔWT (°C)	TH (kW)	ΔWT (°C)
300	0.05	3.3	2.10	10.1	3.16	15.1	4.21	20.2	5.27	25.2	6.32	30.2	1.89	9.1	2.95	14.1	4.00	19.1	5.06	24.2	6.11	29.2
	0.10	11.0	2.43	5.8	3.64	8.7	4.86	11.6	6.07	14.5	7.29	17.4	2.18	5.2	3.40	8.1	4.61	11.0	5.83	13.9	7.05	16.8
	0.15	22.2	2.56	4.1	3.85	6.1	5.13	8.2	6.41	10.2	7.70	12.3	2.31	3.7	3.59	5.7	4.87	7.8	6.16	9.8	7.44	11.9
	0.20	36.6	2.64	3.2	3.96	4.7	5.28	6.3	6.60	7.9	7.93	9.5	2.37	2.8	3.70	4.4	5.02	6.0	6.34	7.6	7.66	9.2
400	0.05	4.8	2.77	13.2	4.15	19.9	5.54	26.5	6.92	33.1	8.31	39.7	2.49	11.9	3.87	18.5	5.26	25.1	6.64	31.8	8.03	38.4
	0.10	15.8	3.34	8.0	5.01	12.0	6.68	16.0	8.35	20.0	10.02	23.9	3.00	7.2	4.67	11.2	6.34	15.2	8.01	19.2	9.69	23.1
	0.15	31.9	3.59	5.7	5.39	8.6	7.18	11.5	8.98	14.3	10.78	17.2	3.23	5.2	5.03	8.0	6.83	10.9	8.62	13.7	10.42	16.6
	0.20	52.4	3.74	4.5	5.61	6.7	7.48	8.9	9.35	11.2	11.22	13.4	3.36	4.0	5.23	6.3	7.10	8.5	8.97	10.7	10.84	13.0
600	0.05	5.5	3.18	15.2	4.78	22.9	6.37	30.5	7.97	38.1	9.56	45.7	2.87	13.7	4.46	21.3	6.05	28.9	7.65	36.6	9.24	44.2
	0.10	18.4	3.96	9.5	5.94	14.2	7.93	18.9	9.91	23.7	11.89	28.4	3.56	8.5	5.55	13.3	7.53	18.0	9.51	22.7	11.50	27.5
	0.15	37.0	4.32	6.9	6.48	10.3	8.64	13.8	10.81	17.2	12.97	20.7	3.89	6.2	6.05	9.6	8.21	13.1	10.37	16.5	12.54	20.0
	0.17	46.0	4.41	6.2	6.62	9.3	8.83	12.4	11.04	15.5	13.25	18.6	3.97	5.6	6.18	8.7	8.39	11.8	10.60	14.9	12.81	18.0
800	0.05	7.2	3.70	17.7	5.56	26.6	7.41	35.4	9.27	44.3	11.12	53.2	3.33	15.9	5.19	24.8	7.04	33.7	8.90	42.5	10.75	51.4
	0.10	23.8	4.79	11.4	7.18	17.2	9.58	22.9	11.98	28.6	14.37	34.3	4.31	10.3	6.70	16.0	9.10	21.8	11.50	27.5	13.89	33.2
	0.13	37.5	5.14	9.5	7.71	14.2	10.28	18.9	12.86	23.6	15.43	28.4	4.62	8.5	7.20	13.2	9.77	18.0	12.34	22.7	14.91	27.4
	0.15	48.0	5.31	8.5	7.97	12.7	10.63	16.9	13.29	21.2	15.95	25.4	4.78	7.6	7.44	11.9	10.10	16.1	12.76	20.3	15.42	24.6
1000	0.10	4.1	5.53	13.2	8.30	19.8	11.07	26.5	13.84	33.1	16.61	39.7	4.98	11.9	7.75	18.5	10.52	25.1	13.29	31.8	16.06	38.4
	0.20	13.6	6.68	8.0	10.02	12.0	13.37	16.0	16.71	20.0	20.05	24.0	6.01	7.2	9.35	11.2	12.70	15.2	16.04	19.2	19.38	23.2
	0.30	27.4	7.19	5.7	10.79	8.6	14.39	11.5	17.99	14.3	21.58	17.2	6.47	5.2	10.07	8.0	13.67	10.9	17.27	13.8	20.86	16.6
	0.40	45.1	7.49	4.5	11.23	6.7	14.98	8.9	18.72	11.2	22.47	13.4	6.74	4.0	10.48	6.3	14.23	8.5	17.97	10.7	21.72	13.0
1200	0.10	4.8	6.41	15.3	9.61	23.0	12.81	30.6	16.02	38.3	19.22	45.9	5.76	13.8	8.97	21.4	12.17	29.1	15.38	36.8	18.58	44.4
	0.20	16.0	7.98	9.5	11.98	14.3	15.97	19.1	19.96	23.9	23.96	28.6	7.18	8.6	11.18	13.4	15.17	18.1	19.17	22.9	23.16	27.7
	0.30	32.2	8.72	6.9	13.08	10.4	17.44	13.9	21.80	17.4	26.16	20.8	7.84	6.3	12.20	9.7	16.56	13.2	20.92	16.7	25.28	20.1
	0.35	42.1	8.96	6.1	13.44	9.2	17.92	12.2	22.40	15.3	26.88	18.3	8.06	5.5	12.54	8.6	17.02	11.6	21.50	14.7	25.98	17.7
1400	0.10	5.3	6.90	16.5	10.35	24.7	13.80	33.0	17.25	41.2	20.70	49.5	6.21	14.8	9.66	23.1	13.11	31.3	16.56	39.6	20.01	47.8
	0.20	17.7	8.75	10.5	13.13	15.7	17.51	20.9	21.89	26.1	26.26	31.4	7.88	9.4	12.25	14.6	16.63	19.9	21.01	25.1	25.39	30.3
	0.30	35.7	9.63	7.7	14.45	11.5	19.27	15.4	24.09	19.2	28.91	23.0	8.67	6.9	13.49	10.7	18.31	14.6	23.13	18.4	27.95	22.3
	0.35	46.6	9.93	6.8	14.89	10.2	19.86	13.6	24.82	16.9	29.79	20.3	8.93	6.1	13.90	9.5	18.86	12.9	23.83	16.3	28.79	19.7