

TOP CHW Series



TWO ROW WATER COILS-HEATING

Data are valid for the following parameters:

$$T_{\text{air inlet}} = -10\text{ °C} \quad T_{\text{water inlet}} = 80\text{ °C} \quad T_{\text{water outlet}} = 60\text{ °C} \quad w_{\text{air speed}} = 3\text{ m/s}$$

TIP/Type	$T_{\text{air outlet}} [^{\circ}\text{C}]$	$Q_{\text{heating}} [\text{kW}]$	$\Delta p_{\text{air}} [\text{Pa}]$	$V_{\text{air}} [\text{m}^3/\text{h}]$	$V_{\text{water}} [\text{l/s}]$	$\Delta p_{\text{water}} [\text{kPa}]$
400/200-2R	21.47	9.60	38.49	900	0.11	2.86
500/250-2R	22.08	15.23	38.21	1400	0.18	2.85
500/300-2R	22.47	18.71	39.09	1700	0.22	4.81
600/300-2R	21.38	22.34	41.19	2100	0.26	2.59
600/350-2R	21.95	25.46	38.14	2350	0.30	2.55
700/400-2R	23.06	33.63	35.23	3000	0.40	3.67
800/500-2R	23.73	48.04	33.97	4200	0.57	5.13
1000/500-2R	23.19	59.09	33.93	5250	0.70	3.52
400/400-2R	20.28	18.48	38.41	1800	0.22	0.97
500/500-2R	21.79	29.10	35.68	2700	0.34	1.67
600/600-2R	22.05	43.47	37.65	4000	0.51	2.84
800/600-2R	23.29	58.70	35.98	5200	0.70	5.59
800/800-2R	23.16	78.70	36.62	7000	0.94	6.16
1000/800-2R	23.02	97.96	36.62	8750	1.16	6.08
1200/800-2R	22.28	114.92	36.57	10500	1.37	4.56
1000/1000-2R	21.53	117.61	36.91	11000	1.40	2.56
1200/1000-2R	22.41	142.87	35.93	13000	1.70	3.84
1300/1300-2R	22.91	200.90	34.84	18000	2.39	5.91
1400/1400-2R	23.06	235.46	35.23	21000	2.81	7.63
1600/1200-2R	23.33	234.41	35.78	20750	2.79	8.79
1600/1600-2R	23.16	314.83	36.62	28000	3.76	8.13
2000/1600-2R	23.92	396.88	35.70	34500	4.73	13.39

Data are valid for the following parameters:

$$T_{\text{air inlet}} = -10\text{ °C} \quad T_{\text{water inlet}} = 60\text{ °C} \quad T_{\text{water outlet}} = 45\text{ °C} \quad w_{\text{air speed}} = 3\text{ m/s}$$

TIP/Type	$T_{\text{air outlet}} [^{\circ}\text{C}]$	$Q_{\text{heating}} [\text{kW}]$	$\Delta p_{\text{air}} [\text{Pa}]$	$V_{\text{air}} [\text{m}^3/\text{h}]$	$V_{\text{water}} [\text{l/s}]$	$\Delta p_{\text{water}} [\text{kPa}]$
400/200-2R	14.19	7.38	37.99	900	0.11	3.17
500/250-2R	14.71	11.73	37.71	1400	0.18	3.17
500/300-2R	15.06	14.44	38.58	1700	0.22	5.37
600/300-2R	14.16	17.20	40.66	2100	0.27	2.88
600/350-2R	14.60	19.60	37.64	2350	0.31	2.83
700/400-2R	15.50	25.94	34.76	3000	0.41	4.09
800/500-2R	16.06	37.11	33.50	4200	0.59	5.75
1000/500-2R	15.59	45.56	33.47	5250	0.69	3.93
400/400-2R	13.17	14.14	37.92	1800	0.22	1.07
500/500-2R	14.41	22.35	35.21	2700	0.35	1.85
600/600-2R	14.68	33.47	37.15	4000	0.53	3.16
800/600-2R	15.71	45.33	35.50	5200	0.72	6.24
800/800-2R	15.60	60.78	36.13	7000	0.96	6.88
1000/800-2R	15.49	75.62	36.12	8750	1.20	6.79
1200/800-2R	14.85	88.48	36.08	10500	1.40	5.07
1000/1000-2R	14.21	90.32	36.43	11000	1.43	2.84
1200/1000-2R	14.95	110.00	35.45	13000	1.75	4.27
1300/1300-2R	15.37	154.84	34.36	18000	2.46	6.59
1400/1400-2R	15.50	181.60	34.76	21000	2.89	8.51
1600/1200-2R	15.74	181.03	35.29	20750	2.88	9.83
1600/1600-2R	15.60	243.13	36.13	28000	3.87	9.08
2000/1600-2R	16.24	307.06	35.21	34500	4.88	15.00