

# FWQ04-25AT

# FWQ04-25ATR

## HEATING 2 PIPE @ DEFAULT DIP SWITCH POSITION

Air Temperature		DB:18°C - WB:***C																	
Water Temperature	Delta T °C Water In / Out	ΔT=5						ΔT=10						ΔT=20					
		45°C - 40°C			65°C - 60°C			50°C - 40°C			65°C - 55 °C			50°C - 30°C			90°C - 70°C		
Model / Fan Speed		Tc	Wf	Wpd	Tc	Wf	Wpd	Tc	Wf	Wpd	Tc	Wf	Wpd	Tc	Wf	Wpd	Tc	Wf	Wpd
		kW	l/h	kPa	kW	l/h	kPa	kW	l/h	kPa	kW	l/h	kPa	kW	l/h	kPa	kW	l/h	kPa
FWQ04AA T(N/T/V)5V1-(-/R)	3.0V (L) @* Pa	1.73	297	9.77	3.22	554	27.81	1.76	151	3.66	2.98	256	7.75	1.08	46	1.12	4.36	187	4.89
	7.6V (M) @50 Pa	2.56	439	18.63	4.76	818	56.24	2.60	224	6.31	4.41	379	14.51	1.59	69	1.53	6.45	277	8.75
	10.0V (H) @60 Pa	2.89	498	23.09	5.39	927	70.75	2.95	253	7.62	4.99	429	17.90	1.81	78	1.71	7.30	314	10.66
FWQ05AA T(N/T/V)5V1-(-/R)	3.0V (L) @* Pa	2.05	353	13.37	3.82	657	38.18	2.09	179	5.10	3.54	304	10.63	1.28	55	1.77	5.17	222	6.75
	7.6V (M) @50 Pa	3.08	530	26.24	5.74	986	79.91	3.14	270	8.88	5.31	457	20.40	1.92	83	2.32	7.77	334	12.29
	10.0V (H) @60 Pa	3.40	585	31.17	6.34	1090	96.13	3.46	298	10.30	5.87	505	24.14	2.12	91	2.51	8.58	369	14.38
FWQ07AA T(N/T/V)5V1-(-/R)	3.0V (L) @* Pa	3.53	607	15.20	6.58	1131	48.09	3.60	309	4.66	6.09	524	11.65	2.20	95	0.75	8.91	383	6.72
	7.6V (M) @50 Pa	4.26	733	21.41	7.93	1364	68.66	4.34	373	6.42	7.35	632	16.33	2.66	114	0.98	10.75	462	9.33
	10.0V (H) @60 Pa	4.37	752	22.47	8.15	1401	72.21	4.45	383	6.72	7.54	649	17.14	2.73	117	1.02	11.04	474	9.77
FWQ09AA T(N/T/V)5V1-(-/R)	3.0V (L) @* Pa	4.15	713	7.52	7.72	1328	22.64	4.22	363	2.67	7.15	615	5.89	2.59	111	0.85	10.46	450	3.62
	7.6V (M) @50 Pa	5.41	931	11.92	10.08	1734	37.19	5.51	474	3.91	9.34	803	9.21	3.38	145	1.02	13.66	587	5.46
	10.0V (H) @60 Pa	5.73	985	13.18	10.67	1835	41.39	5.83	502	4.27	9.88	850	10.16	3.57	154	1.06	14.45	621	5.99
FWQ11AA T(N/T/V)5V1-(-/R)	3.0V (L) @* Pa	5.40	928	12.35	10.05	1728	37.47	5.49	472	4.39	9.31	800	9.65	3.37	145	1.51	13.61	585	5.94
	7.6V (M) @50 Pa	6.91	1188	18.96	12.86	2212	59.57	7.03	605	6.23	11.91	1024	14.63	4.31	185	1.74	17.43	749	8.68
	10.0V (H) @60 Pa	7.03	1209	19.57	13.10	2252	61.63	7.16	616	6.40	12.13	1043	15.09	4.39	189	1.76	17.74	763	8.93
FWQ14AA T(N/T/V)5V1-(-/R)	3.0V (L) @* Pa	6.68	1149	18.37	12.44	2139	56.42	6.80	585	6.43	11.52	991	14.31	4.17	179	2.20	16.85	725	8.73
	7.6V (M) @50 Pa	8.16	1403	26.07	15.20	2614	82.33	8.31	715	8.55	14.08	1210	20.10	5.09	219	2.46	20.59	885	11.91
	10.0V (H) @60 Pa	8.48	1458	27.90	15.79	2715	88.50	8.63	742	9.05	14.62	1257	21.47	5.29	227	2.52	21.38	919	12.66
FWQ17AA T(N/T/V)5V1-(-/R)	3.0V (L) @* Pa	7.20	1238	24.14	13.41	2307	75.36	7.33	631	7.74	12.42	1068	18.61	4.49	193	1.66	18.17	781	10.94
	7.6V (M) @50 Pa	9.45	1625	39.37	17.60	3026	125.95	9.62	827	12.04	16.30	1401	30.10	5.89	253	2.21	23.84	1025	17.33
	10.0V (H) @60 Pa	9.80	1685	42.08	18.25	3138	134.98	9.98	858	12.79	16.90	1453	32.14	6.11	263	2.31	24.72	1063	18.45
FWQ20AA T(N/T/V)5V1-(-/R)	3.0V (L) @* Pa	8.60	1479	33.67	16.01	2754	105.77	8.76	753	10.80	14.83	1275	25.93	5.36	231	2.49	21.69	933	15.23
	7.6V (M) @50 Pa	10.94	1881	52.03	20.37	3503	167.13	11.14	958	15.92	18.86	1622	39.75	6.82	293	3.13	27.60	1186	22.88
	10.0V (H) @60 Pa	11.27	1937	54.93	20.98	3608	176.87	11.47	986	16.72	19.43	1671	41.94	7.03	302	3.23	28.42	1222	24.08
FWQ25AA T(N/T/V)5V1-(-/R)	3.0V (L) @* Pa	11.60	1996	58.50	21.61	3716	187.68	11.82	1016	18.07	20.01	1721	44.74	7.24	311	3.83	29.28	1259	25.85
	7.6V (M) @50 Pa	12.70	2185	69.07	23.66	4069	223.26	12.94	1112	20.98	21.91	1884	52.69	7.93	341	4.18	32.05	1378	30.21
	10.0V (H) @60 Pa	12.92	2222	71.26	24.06	4138	230.61	13.16	1131	21.58	22.28	1916	54.33	8.06	347	4.25	32.60	1401	31.11

### SYMBOLS

- Tc = Total cooling capacity
- Wf = Water flow rate
- Wpd = Water pressure drop

### NOTE

- \* 3.0V(L) ESP Refers to  
FWQ04/05AA(F/T)(N/T/V)5V1-(-/R) @20Pa  
FWQ07/09/11/14/17/20/25AA(F/T)(N/T/V)5V1-(-/R) @26Pa