TRUST
Air Conditioners

FAN COIL UNIT
(WALL MOUNTED TYPE)

TRUST AIR CONDITIONING EQUIPMENT CO.
Prepared By: Engineering & R & D Department.

Shiraz- May 2017

Content

توجه:

شرکت تراست حق تغییر مشخصات دستگاه ها را در جهت بهبود و ارتقای کیفیت برای خود محفوظ می دارد.

2016

1. Introduction

MKG fan coil is a kind of newly designed fan coil units, which is mounted on the wall. It has two kinds of body, both have 3-way valve inside the body. In additional, it has panels of different color can be optional.

MKG series fan coil is designed and manufactured on the base of fully adoption advanced technology. The acute and thin body makes it save a lot of space and easy for installation. Quality materials and state-of-the-art technology ensure optimal performance with virtually imperceptible noise levels and keep running smoothly.

TRUST MKG series fan coil unit has been tested by national AC quality supervise testing center, as low noise level, high efficiency, stable operation and low power consumption make it as the advanced production in the world,. Due to their reduced dimensions and pleasing design, these units are ideally suited for Commercial and Residential environments.

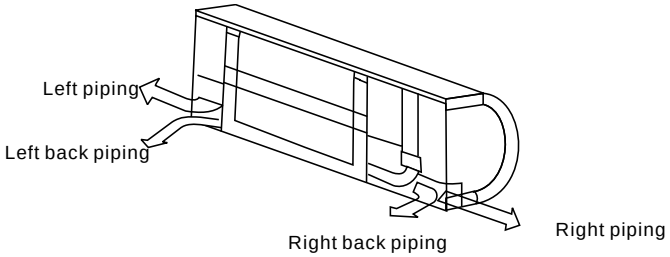
2. Product Schedule

Old Model	New Model	Air volume (CFM)	Power supply
TMFCW-300V	RB02-TMW2Y03N2R/1N	300	220~240V-1Ph-50Hz
TMFCW-400V	RB02-TMW2Y04N2R/1N	400	
TMFCW-500V	RB02-TMW2Y05N2R/1N	500	
TMFCW-600V	RB02-TMW2Y06N2R/1N	600	

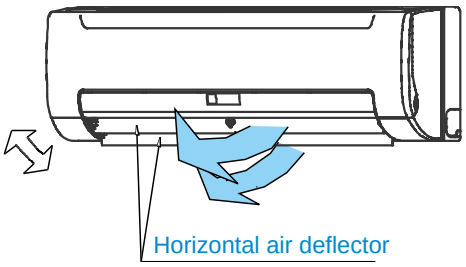
3. External Appearance

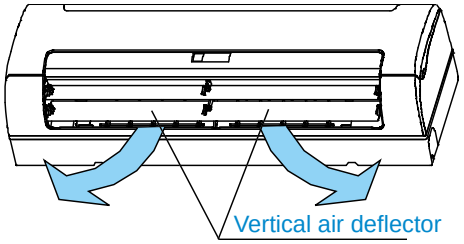
4. Feature

◆ Multi-connection outlet pipe method: left/right/rear, more flexible for installation.



◆ Wind direction adjustment can be in horizontal and vertical way for auto swing louver





- Built-in 3-way electromagnetic valve.
- Cross flow fan creates quiet and comfortable environment.
- Easy maintenance has been realized as the front panel can be removed for easy access.

- Remote controller with LCD display is standard, wired controller and central controller are optional.
- Four-speed motor with super high speed reserved for more choice.
- Eurovent certified performance.

5. Specifications

Specifications

Model			TMFCW-300V	TMFCW-400V
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)		m^3/h	510/470/390	680/550/460
		CFM	300/275/230	400/325/270
Cooling	Capacity (H/M/L)	kW	2.97/2.47/2.12	3.28/2.83/2.41
	Water flow rate	L/h	511	564
	Water pressure drop	kPa	35.6	43.5
Heating	Capacity (H/M/L)	kW	3.91/3.26/2.77	4.37/3.73/3.17
	Water pressure drop	kPa	32.9	40.8
Power input		W	37	40
Sound pressure level		dB(A)	35/29/24	37/31/26
Fan motor	Type		Low noise 4-speed fan motor	
	Quantity		1	
Fan	Type		Tangential fan	
	Quantity		1	
Coil	Row		2	
	Diameter	mm	Φ7	
	Tube pitch(a) × row pitch(b)	mm	21×13.37	
	Dimension (W×H×D)	mm	635×315×26.74	
	Fin spacing	mm	1.5	
	Fin type		Hydrophilic aluminum	
	Circuit		5	
	Max. working pressure	MPa	1.6	
Body	Net dimensions (W×H×D)	mm	915×290×230	
	Packing size (W×H×D)	mm	1020×390×315	
	Net weight	kg	13	13.3
	Gross weight	kg	16.3	16.7
Pipe connections	Water inlet/outlet pipe	inch	G3/4	
	Drain pipe	mm	ODΦ20	

Notes:

1. H: high fan speed; M: medium fan speed; L: low fan speed
2. Cooling Conditions: Entering Water 7°C, Temperature Rise 5°C, Entering Air Temperature 27°C DB,19°C WB.
   Heating Conditions: Entering Water 50°C, Enter air temperature 20°C, and water flow is same to the cooling conditions.
3. Noise is tested in semi-anechoic test room.

Specifications

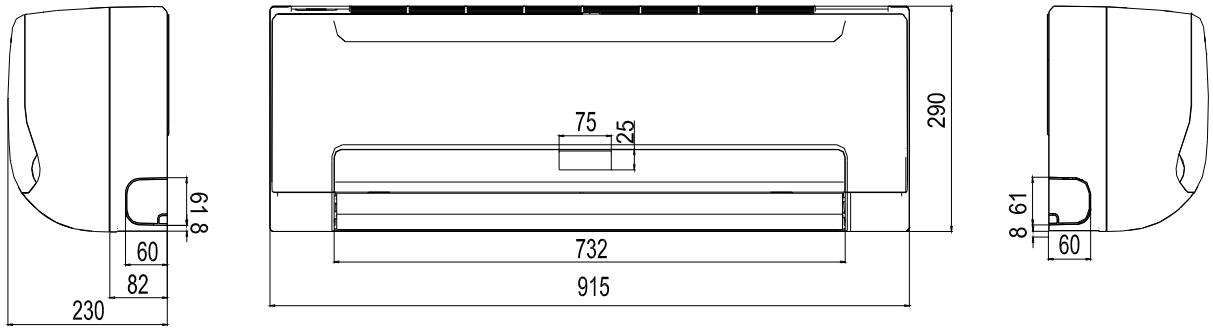
Model			TMFCW-500V	TMFCW-600V
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)		m^3/h	850/745/620	1020/915/780
		CFM	500/440/365	600/540/460
Cooling	Capacity (H/M/L)	kW	4.25/3.85/3.32	5/4.47/3.97
	Water flow rate	L/h	731	860
	Water pressure drop	kPa	31.8	42.5
Heating	Capacity (H/M/L)	kW	5.81/5.17/4.43	6.7/6/5.28
	Water pressure drop	kPa	30.2	39.7
Power input		W	50	66
Sound pressure level		dB(A)	39/33/28	40/34/29
Fan motor	Type		Low noise 4-speed fan motor	
	Quantity		1	
Fan	Type		Tangential fan	
	Quantity		1	
Coil	Row		2	
	Diameter	mm	Φ7	
	Tube pitch(a) × row pitch(b)	mm	21×13.37	
	Dimension (W×H×D)	mm	785×315×26.74	
	Fin spacing	mm	1.5	
	Fin type		Hydrophilic aluminum	
	Circuit		5	
	Max. working pressure	MPa	1.6	
Body	Net dimensions (W×H×D)	mm	1072×315×230	
	Packing size (W×H×D)	mm	1180×415×315	
	Net weight	kg	15.8	15.8
	Gross weight	kg	19.4	19.4
Pipe connections	Water inlet/outlet pipe	inch	G3/4	
	Drain pipe	mm	ODΦ20	

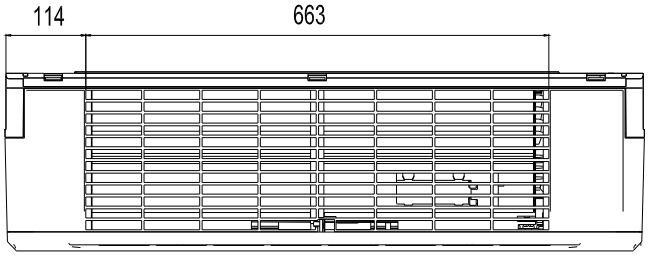
Notes:

1. H: high fan speed; M: medium fan speed; L: low fan speed
2. Cooling Conditions: Entering Water 7°C, Temperature Rise 5°C, Entering Air Temperature 27°C DB,19°C WB.
   Heating Conditions: Entering Water 50°C, Enter air temperature 20°C, and water flow is same to the cooling conditions.
3. Noise is tested in semi-anechoic test room.

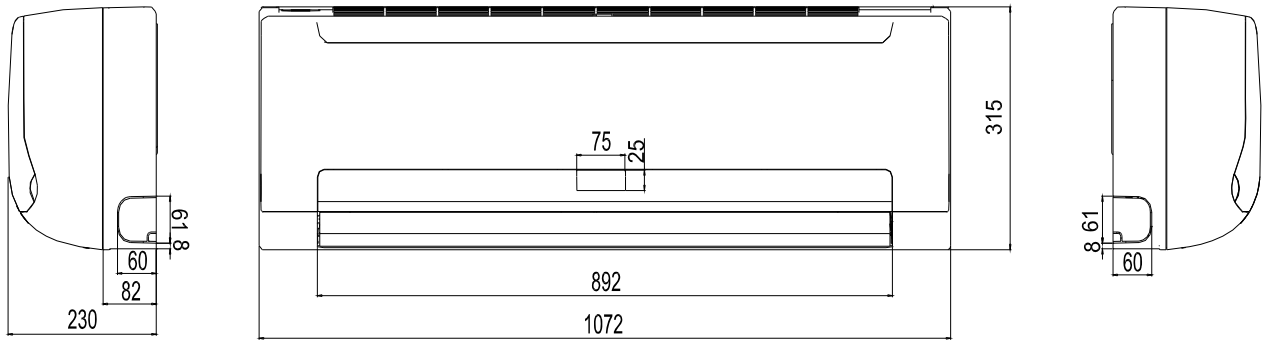
6. Dimensions

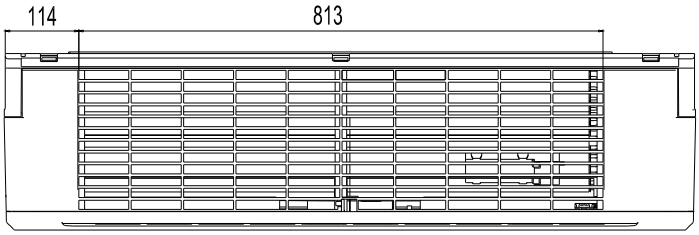
TMFCW-300V, TMFCW-400V



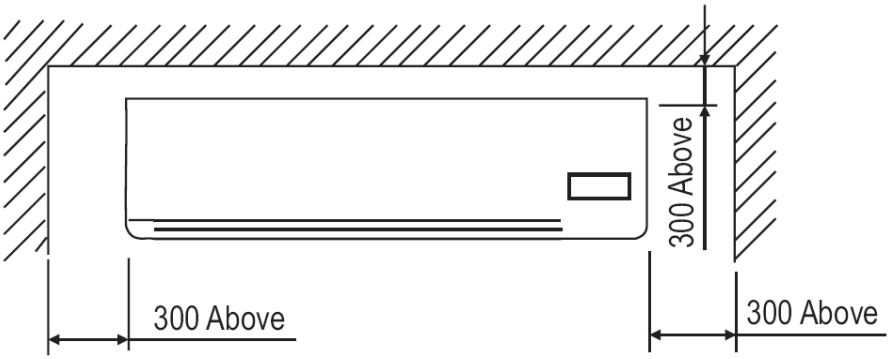


TMFCW-500V, TMFCW-600V

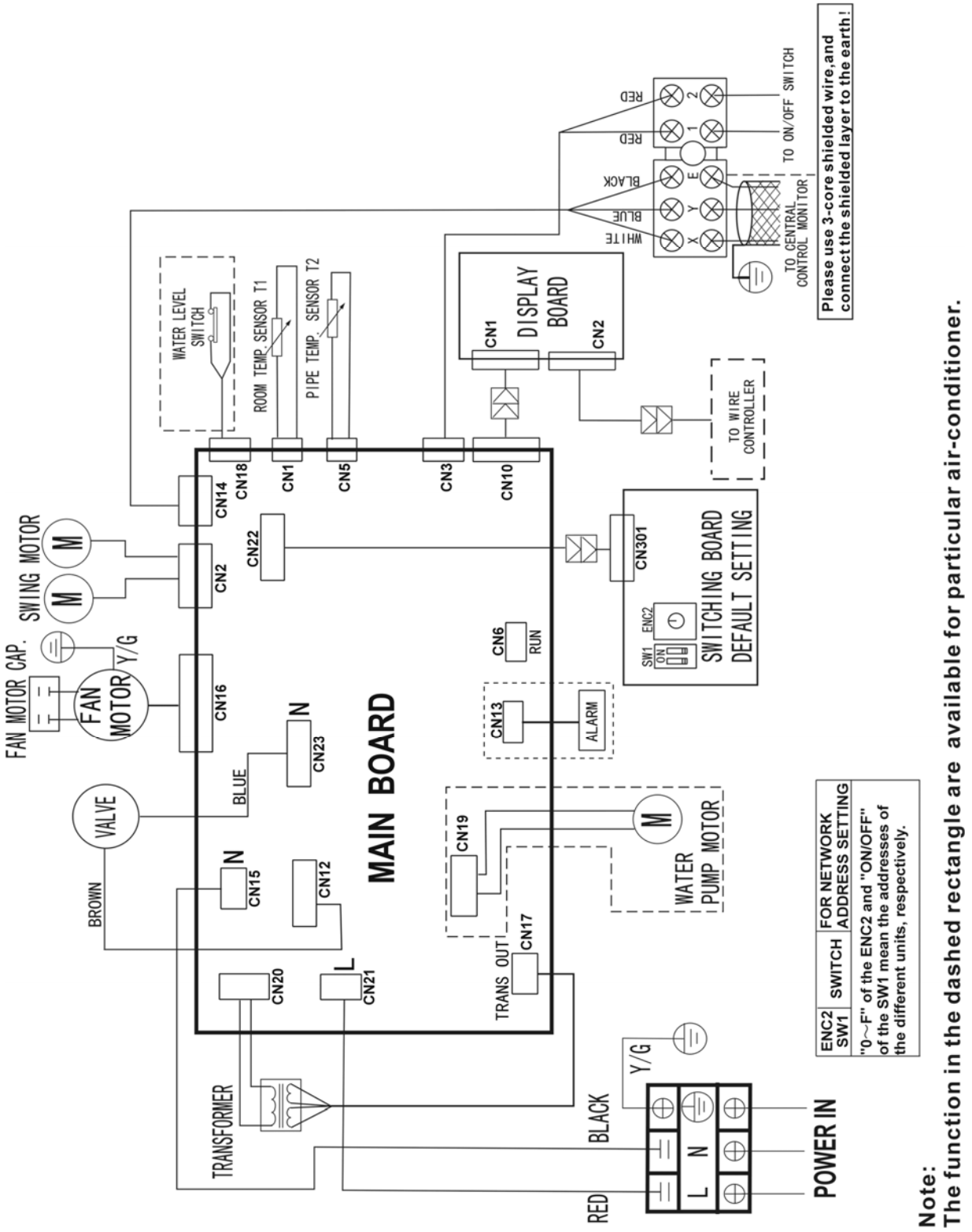




7. Service Spaces



8. Wiring Diagrams



Note:
The function in the dashed rectangle are available for particular air-conditioner.

9. Capacity Tables

EWT: Enter Water Temp. (°C) **Δt:** Temperature Difference (°C) **DB:** Dry Bulb Temp. (°C) **WB:** Wet Bulb Temp. (°C)

TC: Total Cooling Capacity (kW) **SC:** Sensible Cooling Capacity (kW) **WF:** Water Flow (m^3/h) **WPD:** Water Pressure Drop (kPa)

Cooling Capacity

TMFCW-300V																							
EWT	Δt	Air inlet condition																					
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	2.46	1.78	0.70	67.6	3.78	2.28	1.08	160.5	3.71	2.38	1.06	154.1	4.14	2.17	1.19	192.1	5.57	2.70	1.60	348.0
	4	2.31	1.68	0.50	33.6	3.64	2.21	0.78	83.5	3.58	2.31	0.77	80.8	3.98	2.10	0.86	99.7	5.40	2.61	1.16	183.9
	5	2.13	1.61	0.37	18.4	3.48	2.13	0.60	48.9	3.41	2.24	0.59	47.0	3.82	3.30	0.66	59.0	5.23	2.57	0.90	110.3
	6	1.95	1.54	0.28	10.7	3.33	2.07	0.48	31.0	3.26	2.16	0.47	29.8	3.66	1.95	0.52	37.5	5.10	2.49	0.73	72.9
	7	1.75	1.44	0.21	6.3	3.16	1.98	0.39	20.6	3.09	2.09	0.38	19.7	3.50	1.87	0.43	25.2	4.93	2.40	0.61	50.0
6	3	2.22	1.68	0.64	55.3	3.57	2.19	1.02	142.9	3.49	2.28	1.00	136.4	3.93	2.07	1.13	173.1	5.36	2.61	1.54	321.7
	4	2.06	1.60	0.44	26.8	3.43	2.11	0.74	74.1	3.35	2.21	0.72	70.6	3.77	2.01	0.81	89.7	5.19	2.53	1.11	169.6
	5	1.90	1.53	0.33	14.6	3.26	2.04	0.56	42.9	3.20	2.14	0.55	41.3	3.62	1.93	0.62	52.9	5.01	2.44	0.86	101.5
	6	1.71	1.46	0.25	8.2	3.11	1.98	0.45	27.1	3.03	2.06	0.43	25.8	3.44	1.84	0.49	33.2	4.89	2.36	0.70	66.9
	7	1.50	1.35	0.18	4.7	2.94	1.89	0.36	17.9	2.87	2.01	0.35	17.0	3.29	1.77	0.40	22.2	4.71	2.31	0.58	45.8
7	3	1.98	1.58	0.57	44.1	3.33	2.08	0.96	124.6	3.26	2.19	0.93	119.2	3.70	1.97	1.06	153.4	5.10	2.49	1.46	291.6
	4	1.82	1.52	0.39	20.9	3.20	2.01	0.69	64.5	3.11	2.12	0.67	61.0	3.55	1.91	0.76	79.6	4.97	2.44	1.07	155.9
	5	1.65	1.44	0.28	10.9	3.03	1.94	0.52	37.2	2.97	2.04	0.51	35.6	3.38	1.83	0.58	46.1	4.80	2.36	0.83	93.0
	6	1.45	1.37	0.21	5.9	2.88	1.88	0.41	23.2	2.82	1.97	0.40	22.4	3.23	1.75	0.46	29.2	4.67	2.27	0.67	61.2
	7	1.26	1.26	0.15	3.2	2.72	1.80	0.33	15.3	2.63	1.91	0.32	14.3	3.06	1.68	0.38	19.2	4.50	2.19	0.55	41.7
8	3	1.74	1.50	0.50	33.9	3.11	1.99	0.89	108.2	3.03	2.09	0.87	103.2	3.48	1.86	1.00	135.4	4.89	2.40	1.40	267.6
	4	1.57	1.45	0.34	15.5	2.97	1.92	0.64	55.6	2.88	2.04	0.62	52.3	3.31	1.81	0.71	69.0	4.71	2.31	1.01	140.1
	5	1.39	1.36	0.24	7.8	2.82	1.84	0.49	32.1	2.73	1.95	0.47	30.2	3.17	1.74	0.54	40.5	4.59	2.23	0.79	84.9
	6	1.25	1.25	0.18	4.4	2.64	1.79	0.38	19.5	2.58	1.89	0.37	18.7	3.01	1.65	0.43	25.4	4.41	2.19	0.63	54.6
	7	1.09	1.09	0.13	2.4	2.48	1.71	0.30	12.7	2.40	1.82	0.30	11.9	2.82	1.59	0.35	16.3	4.26	2.10	0.52	37.4
9	3	1.49	1.41	0.43	24.8	2.89	1.90	0.83	93.5	2.81	2.00	0.80	88.3	3.24	1.77	0.93	118.0	4.67	2.31	1.34	244.6
	4	1.35	1.35	0.29	11.5	2.73	1.83	0.59	46.9	2.64	1.94	0.57	44.1	3.08	1.71	0.66	59.7	4.50	2.23	0.97	127.7
	5	1.25	1.21	0.21	6.3	2.58	1.76	0.44	26.9	2.50	1.87	0.43	25.2	2.93	1.63	0.50	34.6	4.37	2.14	0.75	77.1
	6	1.09	1.09	0.16	3.3	2.41	1.69	0.35	16.3	2.32	1.81	0.33	15.1	2.77	1.56	0.40	21.5	4.19	2.10	0.60	49.1
	7	0.89	0.89	0.11	1.6	2.23	1.61	0.27	10.2	2.15	1.73	0.26	9.5	2.58	1.49	0.32	13.7	4.05	2.02	0.50	33.7
10	3	1.31	1.31	0.38	19.3	2.65	1.80	0.76	78.6	2.54	1.92	0.73	72.4	3.02	1.68	0.86	102.1	4.46	2.19	1.28	222.7
	4	1.20	1.20	0.26	9.1	2.49	1.74	0.53	39.0	2.40	1.86	0.52	36.3	2.84	1.62	0.61	50.9	4.27	2.14	0.92	115.1
	5	1.08	1.08	0.19	4.7	2.32	1.68	0.40	21.8	2.22	1.80	0.38	20.0	2.69	1.54	0.46	29.2	4.14	2.07	0.71	69.2
	6	0.92	0.92	0.13	2.4	2.16	1.61	0.31	13.1	2.07	1.73	0.30	12.0	2.52	1.47	0.36	17.7	3.96	2.01	0.57	44.0
	7	0.59	0.59	0.07	0.7	1.98	1.54	0.24	8.0	1.88	1.67	0.23	7.3	2.35	1.39	0.29	11.4	3.78	1.93	0.46	29.5
11	3	1.16	1.16	0.33	15.0	2.39	1.72	0.69	64.1	2.31	1.83	0.66	59.6	2.77	1.59	0.79	86.2	4.20	2.10	1.21	198.2
	4	1.06	1.06	0.23	7.1	2.24	1.66	0.48	31.7	2.15	1.77	0.46	29.2	2.62	1.53	0.56	43.2	4.03	2.05	0.87	102.6
	5	0.92	0.92	0.16	3.4	2.07	1.60	0.36	17.3	1.98	1.72	0.34	15.8	2.45	1.45	0.42	24.2	3.90	1.98	0.67	61.5
	6	0.73	0.73	0.10	1.5	1.89	1.53	0.27	10.0	1.81	1.65	0.26	9.2	2.27	1.38	0.33	14.5	3.72	1.92	0.53	38.9
	7	0.49	0.49	0.06	0.5	1.68	1.48	0.21	5.8	1.62	1.62	0.20	5.4	2.09	1.30	0.26	9.0	3.55	1.84	0.44	26.0
12	3	1.02	1.02	0.29	11.7	2.14	1.64	0.61	51.3	2.04	1.77	0.58	46.5	2.52	1.50	0.72	71.2	3.97	2.02	1.14	176.6
	4	0.90	0.90	0.19	5.1	1.98	1.59	0.43	24.7	1.88	1.71	0.40	22.3	2.37	1.44	0.51	35.4	3.80	1.96	0.82	91.1
	5	0.78	0.78	0.13	2.4	1.81	1.53	0.31	13.2	1.71	1.65	0.29	11.9	2.20	1.37	0.38	19.5	3.66	1.89	0.63	53.9
	6	0.47	0.47	0.07	0.6	1.61	1.48	0.23	7.2	1.59	1.56	0.23	7.1	2.01	1.29	0.29	11.4	3.48	1.83	0.50	33.9
	7	0.39	0.39	0.05	0.3	1.42	1.42	0.17	4.2	1.47	1.47	0.18	4.4	1.83	1.22	0.22	6.9	3.31	1.76	0.41	22.5
13	3	0.88	0.88	0.25	8.7	1.87	1.57	0.54	39.1	1.76	1.70	0.50	34.8	2.27	1.42	0.65	57.8	3.72	1.94	1.07	154.8
	4	0.75	0.75	0.16	3.5	1.71	1.51	0.37	18.4	1.65	1.62	0.35	17.2	2.11	1.35	0.45	28.0	3.56	1.87	0.76	79.8

	5	0.54	0.54	0.09	1.2	1.53	1.49	0.26	9.4	1.54	1.54	0.27	9.6	1.94	1.29	0.33	15.2	3.40	1.80	0.58	46.6
	6	0.36	0.36	0.05	0.4	1.39	1.39	0.20	5.4	1.44	1.44	0.21	5.8	1.75	1.22	0.25	8.6	3.22	1.75	0.46	29.1
	7	0.27	0.27	0.03	0.1	1.27	1.27	0.16	3.3	1.32	1.32	0.16	3.6	1.53	1.15	0.19	4.8	3.06	1.68	0.38	19.2

Cooling Capacity

TMFCW-400V																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	2.71	1.97	0.78	82.6	4.18	2.52	1.20	196.2	4.09	2.63	1.17	188.3	4.57	2.40	1.31	234.8	6.15	2.98	1.76	425.2
	4	2.55	1.86	0.55	41.1	4.02	2.44	0.86	102.0	3.95	2.55	0.85	98.7	4.39	2.32	0.94	121.9	5.96	2.89	1.28	224.7
	5	2.36	1.78	0.41	22.5	3.84	2.36	0.66	59.7	3.77	2.47	0.65	57.4	4.22	3.65	0.73	72.1	5.77	2.84	0.99	134.8
	6	2.15	1.70	0.31	13.0	3.67	2.29	0.53	37.9	3.60	2.39	0.52	36.4	4.04	2.15	0.58	45.8	5.63	2.75	0.81	89.1
	7	1.93	1.60	0.24	7.7	3.49	2.18	0.43	25.2	3.41	2.30	0.42	24.0	3.87	2.06	0.48	30.8	5.44	2.65	0.67	61.1
6	3	2.45	1.86	0.70	67.5	3.94	2.42	1.13	174.6	3.85	2.52	1.10	166.7	4.34	2.29	1.24	211.6	5.92	2.89	1.70	393.1
	4	2.28	1.77	0.49	32.7	3.79	2.33	0.81	90.6	3.70	2.44	0.79	86.3	4.17	2.22	0.90	109.6	5.73	2.79	1.23	207.2
	5	2.10	1.68	0.36	17.9	3.60	2.25	0.62	52.5	3.53	2.37	0.61	50.4	4.00	2.13	0.69	64.7	5.54	2.70	0.95	124.0
	6	1.89	1.61	0.27	10.0	3.43	2.18	0.49	33.1	3.35	2.28	0.48	31.5	3.80	2.04	0.54	40.6	5.40	2.60	0.77	81.7
	7	1.66	1.50	0.20	5.7	3.25	2.08	0.40	21.8	3.17	2.22	0.39	20.7	3.63	1.95	0.45	27.2	5.21	2.56	0.64	55.9
7	3	2.19	1.74	0.63	53.9	3.68	2.30	1.06	152.3	3.60	2.42	1.03	145.7	4.08	2.18	1.17	187.4	5.63	2.75	1.61	356.3
	4	2.01	1.68	0.43	25.6	3.53	2.22	0.76	78.8	3.44	2.34	0.74	74.6	3.92	2.11	0.84	97.3	5.49	2.70	1.18	190.4
	5	1.82	1.60	0.31	13.4	3.35	2.14	0.58	45.4	3.28	2.26	0.56	43.5	3.73	2.02	0.64	56.4	5.30	2.60	0.91	113.6
	6	1.60	1.51	0.23	7.2	3.18	2.08	0.46	28.3	3.12	2.18	0.45	27.3	3.56	1.93	0.51	35.7	5.16	2.51	0.74	74.7
	7	1.39	1.39	0.17	4.0	3.01	1.98	0.37	18.6	2.91	2.11	0.36	17.4	3.37	1.85	0.41	23.5	4.97	2.41	0.61	51.0
8	3	1.92	1.65	0.55	41.5	3.43	2.20	0.98	132.3	3.35	2.30	0.96	126.1	3.84	2.06	1.10	165.5	5.40	2.65	1.55	327.0
	4	1.73	1.60	0.37	19.0	3.28	2.13	0.71	68.0	3.18	2.25	0.68	63.9	3.65	2.00	0.79	84.3	5.21	2.56	1.12	171.2
	5	1.53	1.50	0.26	9.5	3.11	2.04	0.54	39.2	3.02	2.16	0.52	36.9	3.50	1.92	0.60	49.5	5.06	2.46	0.87	103.7
	6	1.38	1.38	0.20	5.3	2.91	1.97	0.42	23.8	2.85	2.08	0.41	22.9	3.32	1.83	0.48	31.0	4.88	2.41	0.70	66.7
	7	1.20	1.20	0.15	3.0	2.74	1.88	0.34	15.5	2.66	2.01	0.33	14.5	3.11	1.75	0.38	19.9	4.70	2.32	0.58	45.7
9	3	1.64	1.56	0.47	30.3	3.19	2.10	0.91	114.3	3.10	2.21	0.89	107.9	3.58	1.96	1.03	144.2	5.16	2.56	1.48	298.9
	4	1.49	1.49	0.32	14.0	3.01	2.03	0.65	57.2	2.92	2.14	0.63	53.9	3.40	1.89	0.73	73.0	4.97	2.46	1.07	156.0
	5	1.38	1.33	0.24	7.7	2.85	1.94	0.49	32.8	2.76	2.07	0.47	30.8	3.23	1.80	0.56	42.3	4.83	2.37	0.83	94.2
	6	1.21	1.21	0.17	4.1	2.66	1.87	0.38	19.9	2.57	2.00	0.37	18.5	3.06	1.72	0.44	26.3	4.62	2.31	0.66	60.0
	7	0.98	0.98	0.12	2.0	2.46	1.78	0.30	12.5	2.38	1.91	0.29	11.6	2.85	1.64	0.35	16.7	4.47	2.23	0.55	41.2
10	3	1.45	1.45	0.42	23.6	2.93	1.99	0.84	96.1	2.81	2.13	0.80	88.5	3.33	1.86	0.96	124.7	4.92	2.41	1.41	272.1
	4	1.33	1.33	0.29	11.2	2.75	1.92	0.59	47.6	2.65	2.05	0.57	44.4	3.14	1.78	0.67	62.2	4.72	2.37	1.01	140.7
	5	1.19	1.19	0.20	5.7	2.57	1.86	0.44	26.6	2.46	1.99	0.42	24.4	2.97	1.70	0.51	35.7	4.57	2.28	0.79	84.5
	6	1.02	1.02	0.15	2.9	2.39	1.77	0.34	16.0	2.28	1.91	0.33	14.6	2.78	1.62	0.40	21.7	4.37	2.22	0.63	53.7
	7	0.65	0.65	0.08	0.9	2.18	1.70	0.27	9.8	2.08	1.84	0.26	8.9	2.60	1.54	0.32	13.9	4.18	2.13	0.51	36.0
11	3	1.28	1.28	0.37	18.3	2.64	1.90	0.76	78.3	2.55	2.03	0.73	72.8	3.06	1.76	0.88	105.3	4.64	2.32	1.33	242.1
	4	1.17	1.17	0.25	8.6	2.48	1.84	0.53	38.7	2.38	1.95	0.51	35.7	2.89	1.68	0.62	52.8	4.45	2.26	0.96	125.3
	5	1.01	1.01	0.17	4.1	2.29	1.77	0.39	21.1	2.18	1.90	0.38	19.2	2.70	1.60	0.46	29.5	4.31	2.18	0.74	75.2
	6	0.80	0.80	0.12	1.8	2.08	1.69	0.30	12.2	2.00	1.82	0.29	11.3	2.51	1.52	0.36	17.7	4.11	2.13	0.59	47.5
	7	0.54	0.54	0.07	0.6	1.86	1.63	0.23	7.1	1.79	1.79	0.22	6.6	2.31	1.43	0.28	11.0	3.92	2.04	0.48	31.8
12	3	1.13	1.13	0.32	14.3	2.36	1.81	0.68	62.7	2.25	1.95	0.64	56.8	2.78	1.66	0.80	87.0	4.38	2.23	1.26	215.7
	4	0.99	0.99	0.21	6.2	2.19	1.75	0.47	30.2	2.08	1.89	0.45	27.3	2.62	1.59	0.56	43.3	4.20	2.16	0.90	111.3
	5	0.86	0.86	0.15	3.0	2.00	1.69	0.34	16.1	1.89	1.83	0.33	14.5	2.43	1.51	0.42	23.8	4.04	2.08	0.69	65.9
	6	0.52	0.52	0.07	0.7	1.77	1.63	0.25	8.8	1.76	1.72	0.25	8.7	2.22	1.43	0.32	13.9	3.84	2.03	0.55	41.5
	7	0.43	0.43	0.05	0.4	1.57	1.57	0.19	5.1	1.62	1.62	0.20	5.4	2.02	1.34	0.25	8.4	3.65	1.95	0.45	27.5
13	3	0.97	0.97	0.28	10.6	2.06	1.73	0.59	47.8	1.95	1.88	0.56	42.5	2.51	1.57	0.72	70.7	4.10	2.14	1.18	189.1
	4	0.83	0.83	0.18	4.3	1.89	1.67	0.41	22.5	1.82	1.79	0.39	21.0	2.33	1.49	0.50	34.3	3.93	2.06	0.84	97.5
	5	0.60	0.60	0.10	1.4	1.68	1.65	0.29	11.5	1.70	1.70	0.29	11.7	2.14	1.42	0.37	18.6	3.75	1.98	0.65	57.0

	6	0.40	0.40	0.06	0.4	1.53	1.53	0.22	6.6	1.59	1.59	0.23	7.1	1.94	1.34	0.28	10.5	3.56	1.93	0.51	35.6
	7	0.29	0.29	0.04	0.2	1.40	1.40	0.17	4.0	1.46	1.46	0.18	4.4	1.69	1.27	0.21	5.9	3.37	1.85	0.41	23.5

Cooling Capacity

TMFCW-500V																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	3.51	2.55	1.01	60.4	5.42	3.26	1.55	143.4	5.30	3.40	1.52	137.6	5.92	3.11	1.70	171.6	7.97	3.86	2.29	310.8
	4	3.31	2.41	0.71	30.1	5.21	3.16	1.12	74.6	5.12	3.31	1.10	72.1	5.69	3.01	1.22	89.1	7.73	3.74	1.66	164.3
	5	3.05	2.31	0.53	16.4	4.98	3.05	0.86	43.7	4.88	3.20	0.84	42.0	5.47	4.73	0.94	52.7	7.48	3.68	1.29	98.6
	6	2.79	2.21	0.40	9.5	4.76	2.97	0.68	27.7	4.67	3.09	0.67	26.6	5.23	2.78	0.75	33.5	7.30	3.56	1.05	65.1
	7	2.50	2.07	0.31	5.6	4.53	2.83	0.56	18.4	4.42	2.99	0.54	17.6	5.01	2.67	0.62	22.6	7.05	3.43	0.87	44.7
6	3	3.18	2.40	0.91	49.4	5.11	3.13	1.46	127.6	4.99	3.27	1.43	121.9	5.62	2.97	1.61	154.7	7.67	3.74	2.20	287.4
	4	2.95	2.29	0.63	23.9	4.91	3.02	1.05	66.2	4.79	3.16	1.03	63.1	5.40	2.87	1.16	80.1	7.42	3.62	1.60	151.5
	5	2.72	2.18	0.47	13.1	4.67	2.91	0.80	38.3	4.58	3.07	0.79	36.9	5.18	2.76	0.89	47.3	7.18	3.50	1.23	90.6
	6	2.45	2.09	0.35	7.3	4.45	2.83	0.64	24.2	4.34	2.95	0.62	23.0	4.92	2.64	0.71	29.7	6.99	3.37	1.00	59.8
	7	2.15	1.94	0.26	4.2	4.21	2.70	0.52	15.9	4.11	2.87	0.50	15.2	4.70	2.53	0.58	19.9	6.75	3.31	0.83	40.9
7	3	2.84	2.26	0.81	39.4	4.77	2.98	1.37	111.3	4.67	3.13	1.34	106.5	5.29	2.82	1.52	137.0	7.30	3.56	2.09	260.5
	4	2.61	2.17	0.56	18.7	4.58	2.88	0.98	57.6	4.45	3.03	0.96	54.5	5.08	2.73	1.09	71.1	7.11	3.50	1.53	139.2
	5	2.35	2.07	0.41	9.8	4.34	2.77	0.75	33.2	4.25	2.93	0.73	31.8	4.84	2.62	0.83	41.2	6.87	3.37	1.18	83.1
	6	2.07	1.96	0.30	5.3	4.12	2.69	0.59	20.7	4.04	2.82	0.58	20.0	4.62	2.50	0.66	26.1	6.68	3.25	0.96	54.6
	7	1.80	1.80	0.22	2.9	3.89	2.57	0.48	13.6	3.77	2.74	0.46	12.7	4.37	2.40	0.54	17.2	6.44	3.13	0.79	37.2
8	3	2.49	2.14	0.71	30.3	4.45	2.85	1.27	96.7	4.34	2.99	1.24	92.2	4.97	2.67	1.43	121.0	6.99	3.43	2.00	239.0
	4	2.24	2.07	0.48	13.9	4.25	2.75	0.91	49.7	4.12	2.92	0.89	46.7	4.73	2.59	1.02	61.7	6.75	3.31	1.45	125.2
	5	1.99	1.94	0.34	7.0	4.04	2.64	0.69	28.7	3.91	2.80	0.67	27.0	4.53	2.48	0.78	36.2	6.56	3.19	1.13	75.8
	6	1.78	1.78	0.26	3.9	3.77	2.56	0.54	17.4	3.70	2.70	0.53	16.7	4.31	2.37	0.62	22.7	6.32	3.13	0.91	48.8
	7	1.56	1.56	0.19	2.2	3.55	2.44	0.44	11.3	3.44	2.61	0.42	10.6	4.03	2.27	0.50	14.6	6.10	3.01	0.75	33.4
9	3	2.13	2.02	0.61	22.1	4.13	2.72	1.18	83.6	4.02	2.86	1.15	78.9	4.64	2.54	1.33	105.4	6.68	3.31	1.92	218.5
	4	1.93	1.93	0.42	10.3	3.90	2.62	0.84	41.8	3.78	2.77	0.81	39.4	4.40	2.45	0.95	53.3	6.44	3.19	1.38	114.1
	5	1.78	1.73	0.31	5.6	3.69	2.51	0.64	24.0	3.58	2.68	0.61	22.5	4.19	2.34	0.72	30.9	6.26	3.07	1.08	68.9
	6	1.56	1.56	0.22	3.0	3.45	2.42	0.49	14.5	3.32	2.59	0.48	13.5	3.97	2.23	0.57	19.2	5.99	3.00	0.86	43.9
	7	1.28	1.28	0.16	1.5	3.19	2.31	0.39	9.1	3.08	2.48	0.38	8.5	3.69	2.13	0.45	12.2	5.79	2.89	0.71	30.1
10	3	1.88	1.88	0.54	17.2	3.79	2.58	1.09	70.2	3.64	2.75	1.04	64.7	4.32	2.40	1.24	91.2	6.38	3.13	1.83	198.9
	4	1.72	1.72	0.37	8.2	3.56	2.48	0.76	34.8	3.43	2.66	0.74	32.4	4.07	2.31	0.87	45.5	6.11	3.07	1.31	102.8
	5	1.54	1.54	0.26	4.2	3.32	2.40	0.57	19.5	3.18	2.58	0.55	17.8	3.85	2.21	0.66	26.1	5.92	2.96	1.02	61.8
	6	1.32	1.32	0.19	2.1	3.10	2.30	0.44	11.7	2.96	2.48	0.42	10.7	3.60	2.10	0.52	15.8	5.67	2.88	0.81	39.3
	7	0.84	0.84	0.10	0.6	2.83	2.20	0.35	7.2	2.69	2.39	0.33	6.5	3.37	1.99	0.41	10.2	5.42	2.76	0.67	26.3
11	3	1.66	1.66	0.47	13.4	3.42	2.47	0.98	57.3	3.30	2.62	0.95	53.2	3.97	2.28	1.14	77.0	6.02	3.01	1.72	177.0
	4	1.51	1.51	0.33	6.3	3.21	2.38	0.69	28.3	3.08	2.53	0.66	26.1	3.75	2.18	0.81	38.6	5.77	2.93	1.24	91.6
	5	1.31	1.31	0.23	3.0	2.96	2.29	0.51	15.4	2.83	2.47	0.49	14.1	3.50	2.08	0.60	21.6	5.59	2.83	0.96	55.0
	6	1.04	1.04	0.15	1.3	2.70	2.20	0.39	8.9	2.59	2.35	0.37	8.2	3.25	1.97	0.47	12.9	5.33	2.75	0.76	34.7
	7	0.71	0.71	0.09	0.4	2.40	2.12	0.30	5.2	2.32	2.32	0.28	4.8	2.99	1.86	0.37	8.0	5.08	2.64	0.62	23.2
12	3	1.46	1.46	0.42	10.4	3.06	2.35	0.88	45.8	2.91	2.53	0.84	41.5	3.61	2.15	1.03	63.6	5.68	2.89	1.63	157.7
	4	1.29	1.29	0.28	4.6	2.83	2.27	0.61	22.1	2.69	2.45	0.58	19.9	3.39	2.05	0.73	31.6	5.44	2.80	1.17	81.4
	5	1.11	1.11	0.19	2.2	2.59	2.19	0.45	11.8	2.45	2.37	0.42	10.6	3.15	1.96	0.54	17.4	5.23	2.70	0.90	48.2
	6	0.67	0.67	0.10	0.5	2.30	2.12	0.33	6.5	2.28	2.23	0.33	6.3	2.88	1.85	0.41	10.2	4.98	2.62	0.71	30.3
	7	0.55	0.55	0.07	0.3	2.04	2.04	0.25	3.7	2.10	2.10	0.26	4.0	2.62	1.74	0.32	6.2	4.73	2.52	0.58	20.1
13	3	1.26	1.26	0.36	7.7	2.67	2.24	0.77	35.0	2.52	2.43	0.72	31.1	3.25	2.03	0.93	51.7	5.32	2.78	1.52	138.3
	4	1.07	1.07	0.23	3.2	2.45	2.16	0.53	16.5	2.36	2.32	0.51	15.3	3.02	1.93	0.65	25.0	5.09	2.67	1.09	71.3
	5	0.77	0.77	0.13	1.1	2.18	2.13	0.38	8.4	2.21	2.21	0.38	8.6	2.78	1.84	0.48	13.6	4.86	2.57	0.84	41.6
	6	0.52	0.52	0.07	0.3	1.99	1.99	0.28	4.8	2.05	2.05	0.29	5.2	2.51	1.74	0.36	7.7	4.61	2.50	0.66	26.0

	7	0.38	0.38	0.05	0.1	1.82	1.82	0.22	3.0	1.89	1.89	0.23	3.2	2.20	1.64	0.27	4.3	4.37	2.40	0.54	17.2

Cooling Capacity

TMFCW-600V																					
EWT	Δt	Air inlet condition																			
		DB:26.7 WB:19.4				DB:27 WB:18				DB:27 WB:19				DB:27 WB:20				DB:29 WB:21			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	4.13	3.00	1.19	80.7	6.37	3.84	1.83	191.7	6.24	4.00	1.79	183.9	6.97	3.66	2.00	229.4	9.38	4.55	2.69	415.4
	4	3.89	2.84	0.84	40.2	6.13	3.72	1.32	99.7	6.02	3.89	1.30	96.4	6.70	3.54	1.44	119.1	9.09	4.40	1.95	219.5
	5	3.59	2.71	0.62	21.9	5.86	3.59	1.01	58.3	5.74	3.77	0.99	56.1	6.44	5.56	1.11	70.4	8.80	4.33	1.51	131.7
	6	3.28	2.60	0.47	12.7	5.60	3.49	0.80	37.0	5.49	3.64	0.79	35.6	6.15	3.28	0.88	44.7	8.59	4.18	1.23	87.0
	7	2.94	2.43	0.36	7.5	5.32	3.33	0.65	24.6	5.20	3.51	0.64	23.5	5.89	3.15	0.72	30.1	8.30	4.04	1.02	59.7
6	3	3.74	2.83	1.07	66.0	6.01	3.69	1.72	170.6	5.87	3.85	1.68	162.9	6.62	3.49	1.90	206.7	9.02	4.40	2.59	384.1
	4	3.47	2.69	0.75	32.0	5.77	3.56	1.24	88.5	5.63	3.72	1.21	84.3	6.35	3.38	1.37	107.1	8.73	4.26	1.88	202.4
	5	3.20	2.57	0.55	17.4	5.49	3.43	0.94	51.2	5.38	3.61	0.93	49.2	6.10	3.25	1.05	63.2	8.44	4.11	1.45	121.1
	6	2.88	2.45	0.41	9.8	5.23	3.33	0.75	32.3	5.11	3.47	0.73	30.8	5.79	3.10	0.83	39.6	8.23	3.97	1.18	79.9
	7	2.53	2.28	0.31	5.6	4.96	3.17	0.61	21.3	4.83	3.38	0.59	20.3	5.53	2.97	0.68	26.6	7.94	3.90	0.98	54.6
7	3	3.34	2.66	0.96	52.7	5.61	3.51	1.61	148.8	5.49	3.69	1.57	142.4	6.23	3.32	1.78	183.1	8.59	4.18	2.46	348.1
	4	3.07	2.55	0.66	25.0	5.38	3.38	1.16	77.0	5.24	3.56	1.13	72.9	5.98	3.21	1.29	95.0	8.37	4.11	1.80	186.1
	5	2.77	2.43	0.48	13.0	5.11	3.26	0.88	44.4	5	3.44	0.86	42.5	5.69	3.08	0.98	55.1	8.08	3.97	1.39	111.0
	6	2.44	2.31	0.35	7.0	4.84	3.17	0.69	27.7	4.75	3.32	0.68	26.7	5.43	2.94	0.78	34.8	7.86	3.82	1.13	73.0
	7	2.11	2.11	0.26	3.9	4.58	3.02	0.56	18.2	4.43	3.22	0.54	17.0	5.14	2.82	0.63	23.0	7.58	3.68	0.93	49.8
8	3	2.93	2.52	0.84	40.5	5.23	3.35	1.50	129.2	5.11	3.51	1.46	123.2	5.85	3.14	1.68	161.7	8.23	4.04	2.36	319.5
	4	2.64	2.44	0.57	18.5	5.00	3.24	1.08	66.4	4.85	3.43	1.04	62.4	5.57	3.04	1.20	82.4	7.94	3.90	1.71	167.3
	5	2.34	2.29	0.40	9.3	4.75	3.10	0.82	38.3	4.60	3.29	0.79	36.0	5.33	2.92	0.92	48.3	7.72	3.75	1.33	101.3
	6	2.10	2.10	0.30	5.2	4.44	3.01	0.64	23.2	4.35	3.17	0.62	22.3	5.06	2.78	0.73	30.3	7.43	3.68	1.07	65.2
	7	1.83	1.83	0.23	2.9	4.18	2.87	0.51	15.1	4.05	3.07	0.50	14.2	4.74	2.67	0.58	19.5	7.17	3.54	0.88	44.6
9	3	2.50	2.37	0.72	29.6	4.86	3.20	1.39	111.7	4.73	3.36	1.35	105.5	5.46	2.99	1.57	140.9	7.86	3.90	2.25	292.1
	4	2.27	2.27	0.49	13.7	4.59	3.09	0.99	55.9	4.45	3.26	0.96	52.6	5.18	2.88	1.11	71.3	7.58	3.75	1.63	152.4
	5	2.10	2.03	0.36	7.5	4.34	2.96	0.75	32.1	4.21	3.15	0.72	30.1	4.93	2.75	0.85	41.3	7.36	3.61	1.27	92.1
	6	1.84	1.84	0.26	4.0	4.05	2.85	0.58	19.4	3.91	3.05	0.56	18.1	4.67	2.62	0.67	25.7	7.05	3.53	1.01	58.7
	7	1.50	1.50	0.18	2.0	3.75	2.71	0.46	12.2	3.62	2.91	0.44	11.4	4.34	2.50	0.53	16.4	6.81	3.40	0.84	40.2
10	3	2.21	2.21	0.63	23.0	4.46	3.04	1.28	93.9	4.28	3.24	1.23	86.4	5.08	2.83	1.46	121.8	7.50	3.68	2.15	265.9
	4	2.03	2.03	0.44	10.9	4.18	2.92	0.90	46.5	4.04	3.13	0.87	43.4	4.78	2.72	1.03	60.8	7.19	3.61	1.55	137.4
	5	1.81	1.81	0.31	5.6	3.91	2.83	0.67	26.0	3.74	3.03	0.64	23.8	4.53	2.60	0.78	34.9	6.97	3.48	1.20	82.6
	6	1.55	1.55	0.22	2.8	3.64	2.71	0.52	15.7	3.48	2.91	0.50	14.3	4.24	2.47	0.61	21.2	6.67	3.38	0.96	52.5
	7	0.99	0.99	0.12	0.8	3.33	2.59	0.41	9.6	3.17	2.81	0.39	8.7	3.96	2.34	0.49	13.6	6.37	3.25	0.78	35.2
11	3	1.95	1.95	0.56	17.9	4.03	2.90	1.15	76.5	3.88	3.09	1.11	71.2	4.67	2.68	1.34	102.9	7.08	3.54	2.03	236.6
	4	1.78	1.78	0.38	8.4	3.77	2.80	0.81	37.8	3.62	2.97	0.78	34.8	4.41	2.57	0.95	51.6	6.79	3.45	1.46	122.4
	5	1.54	1.54	0.27	4.1	3.48	2.69	0.60	20.6	3.33	2.90	0.57	18.8	4.12	2.45	0.71	28.9	6.57	3.33	1.13	73.4
	6	1.23	1.23	0.18	1.8	3.17	2.58	0.46	11.9	3.05	2.77	0.44	11.0	3.82	2.32	0.55	17.3	6.27	3.24	0.90	46.4
	7	0.83	0.83	0.10	0.6	2.83	2.49	0.35	6.9	2.73	2.73	0.34	6.5	3.52	2.19	0.43	10.8	5.98	3.10	0.73	31.0
12	3	1.72	1.72	0.49	13.9	3.60	2.76	1.03	61.2	3.43	2.98	0.98	55.5	4.24	2.53	1.22	85.0	6.68	3.41	1.92	210.8
	4	1.52	1.52	0.33	6.1	3.33	2.67	0.72	29.5	3.17	2.88	0.68	26.6	3.99	2.42	0.86	42.3	6.40	3.30	1.38	108.8
	5	1.31	1.31	0.22	2.9	3.04	2.58	0.52	15.8	2.89	2.78	0.50	14.2	3.70	2.31	0.64	23.3	6.15	3.17	1.06	64.4
	6	0.79	0.79	0.11	0.7	2.71	2.49	0.39	8.6	2.68	2.63	0.38	8.5	3.39	2.18	0.49	13.6	5.86	3.09	0.84	40.5
	7	0.65	0.65	0.08	0.4	2.40	2.40	0.29	5.0	2.47	2.47	0.30	5.3	3.08	2.05	0.38	8.2	5.57	2.97	0.68	26.9
13	3	1.48	1.48	0.42	10.3	3.15	2.64	0.90	46.7	2.97	2.86	0.85	41.5	3.82	2.39	1.10	69.1	6.26	3.27	1.79	184.8
	4	1.26	1.26	0.27	4.2	2.88	2.54	0.62	22.0	2.78	2.73	0.60	20.5	3.55	2.27	0.76	33.5	5.99	3.15	1.29	95.3
	5	0.91	0.91	0.16	1.4	2.57	2.51	0.44	11.2	2.60	2.60	0.45	11.5	3.27	2.16	0.56	18.2	5.72	3.02	0.98	55.7
	6	0.61	0.61	0.09	0.4	2.34	2.34	0.34	6.5	2.42	2.42	0.35	6.9	2.95	2.05	0.42	10.3	5.43	2.94	0.78	34.8
	7	0.45	0.45	0.05	0.2	2.14	2.14	0.26	4.0	2.22	2.22	0.27	4.3	2.58	1.93	0.32	5.8	5.14	2.82	0.63	23.0

Cooling capacity modification coefficient table:

Speed	300		400		500		600	
	TC	SC	TC	SC	TC	SC	TC	SC
High	1	1	1	1	1	1	1	1
Mid	0.83	0.8	0.86	0.83	0.91	0.86	0.89	0.85

Low	0.71	0.7	0.73	0.7	0.78	0.75	0.79	0.75

Heating Capacity

Δt: Temperature Difference (℃) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m^3/h) **WPD:** Water Pressure Drop (kPa)

TMFCW-300V

Δt	Air inlet temp. (20℃ DB)																							
	Water inlet temp. (℃)																							
	35			40			45			50			55			60			65			70		
	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
10	1.33	0.11	1.5	2.08	0.18	3.7	2.89	0.25	7.1	3.64	0.31	11.3	4.40	0.38	16.6	5.17	0.45	22.9	5.92	0.51	30.0	6.67	0.57	38.0
8	1.47	0.16	2.9	2.29	0.25	7.0	3.07	0.33	12.6	3.83	0.41	19.6	4.57	0.49	27.9	5.31	0.57	37.7	6.06	0.65	49.1	6.81	0.73	61.9
6	1.71	0.24	6.9	2.48	0.36	14.7	3.22	0.46	24.6	4.00	0.57	38.0	4.76	0.68	53.7	5.50	0.79	71.9	6.20	0.89	91.3	6.99	1.00	116.1

TMFCW-400V

Δt	Air inlet temp. (20℃ DB)																							
	Water inlet temp. (℃)																							
	35			40			45			50			55			60			65			70		
	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
10	1.49	0.13	2.1	2.34	0.20	5.1	3.25	0.28	9.7	4.10	0.35	15.5	4.95	0.43	22.7	5.82	0.50	31.3	6.66	0.57	41.0	7.50	0.65	52.0
8	1.66	0.18	4.0	2.58	0.28	9.6	3.46	0.37	17.3	4.31	0.46	26.8	5.14	0.55	38.2	5.98	0.64	51.6	6.82	0.73	67.1	7.66	0.82	84.7
6	1.92	0.28	9.5	2.80	0.40	20.1	3.62	0.52	33.7	4.50	0.65	52.0	5.35	0.77	73.5	6.19	0.89	98.4	6.98	1.00	124.9	7.87	1.13	158.9

TMFCW-500V

Δt	Air inlet temp. (20℃ DB)																							
	Water inlet temp. (℃)																							
	35			40			45			50			55			60			65			70		
	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
10	1.99	0.17	1.6	3.13	0.27	3.9	4.33	0.37	7.5	5.46	0.47	11.9	6.60	0.57	17.4	7.76	0.67	24.1	8.88	0.76	31.5	10.00	0.86	40.0
8	2.21	0.24	3.1	3.44	0.37	7.4	4.61	0.50	13.3	5.75	0.62	20.7	6.85	0.74	29.4	7.97	0.86	39.7	9.09	0.98	51.7	10.21	1.10	65.1
6	2.56	0.37	7.3	3.73	0.53	15.4	4.83	0.69	25.9	6.00	0.86	40.0	7.13	1.02	56.5	8.25	1.18	75.7	9.30	1.33	96.1	10.49	1.50	122.3

TMFCW-600V

Δt	Air inlet temp. (20℃ DB)																							
	Water inlet temp. (℃)																							
	35			40			45			50			55			60			65			70		
	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
10	2.29	0.20	2.0	3.59	0.31	4.9	4.98	0.43	9.4	6.28	0.54	14.9	7.59	0.65	21.8	8.93	0.77	30.1	10.21	0.88	39.4	11.50	0.99	50.0
8	2.54	0.27	3.8	3.96	0.43	9.2	5.30	0.57	16.6	6.61	0.71	25.8	7.88	0.85	36.7	9.17	0.99	49.7	10.45	1.12	64.6	11.74	1.26	81.4
6	2.94	0.42	9.1	4.29	0.61	19.3	5.56	0.80	32.4	6.90	0.99	50.0	8.20	1.18	70.7	9.49	1.36	94.6	10.70	1.53	120.1	12.06	1.73	152.8

Heating capacity modification coefficient table:

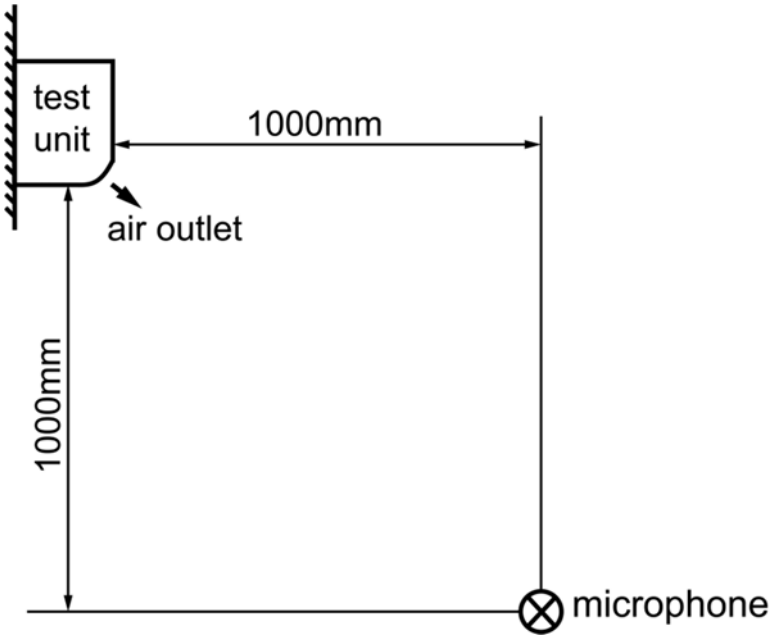
Speed	300	400	500	600
	TH	TH	TH	TH
High	1	1	1	1
Mid	0.88	0.89	0.90	0.90
Low	0.75	0.75	0.76	0.75

Altitude modification coefficient table:

Altitude	TC	SC	TH
500	0.98	0.95	0.95
1000	0.97	0.91	0.91

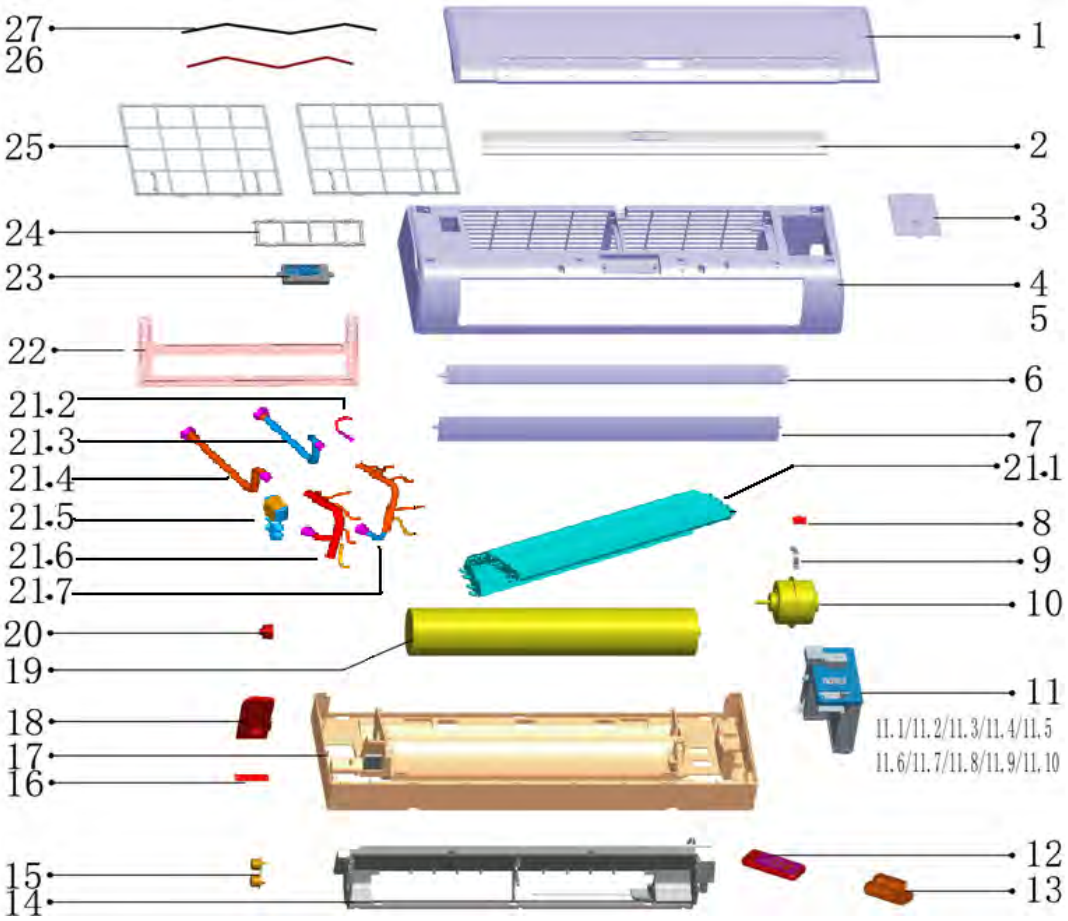
1500	0.95	0.86	0.86
2000	0.94	0.82	0.82
2500	0.93	0.78	0.78
3000	0.91	0.74	0.70

10. Sound Levels



Series	Model	Noise level under three speeds of fan [dB(A)]		
		H	M	L
	TMFCW-300V	35	29	24
	TMFCW-400V	37	31	26
	TMFCW-500V	39	33	28
	TMFCW-600V	40	34	29

11. Exploded View



No.	Part Name	Quantity		No.	Part Name	Quantity
1	Panel ass'y	1		16	Pipe clamp	1
2	Panel decorative plates	1		17	Chassis ass'y	1
3	Electrical cover	1		18	Drainage pan ass'y	1
4	Panel frame ass'y	1		19	Cross fan	1
5	Screw cover	3		20	Bearing block	1
8	Sealing plug	2		21	Evaporator ass'y	1
9	Motor spud	2		21.1	Evaporator	1
10	Motor	1		21.2	Evaporate connecting board	1
11	E-part box ass'y	1		21.3	Water-outlet pipe ass'y	1
11.1	Electric control box base	1		21.4	Water-outlet pipe ass'y	1
11.2	Electric control box side panel	1		21.5	3-Way valve	1
11.3	electric control box cover	1		21.6	Water-outlet pipe ass'y	1
11.4	Dial switch cover label	1		21.7	Water-inlet pipe ass'y	1
11.5	Dial code switch board ass'y	1		22	Installation board ass'y	1
11.7	Terminal block, 5p	1		23	Display board ass'y	1
11.8	Main control board ass'y	1		24	Air purify net	1
11.9	Terminal block, 3p	1		25	Filter network	1
11.10	Capacitor	1		26	Pipe temp. sensor ass'y	1
12	Remote controller	1		27	Room temp sensor ass'y	2
13	Remote controller bracket	1				1
14	Air outlet frame	1				1
15	Stepper motor	1				