Fin Power

•Innovation •Design •Sustainability

Experience comfort in your investment

Fan Coil Unit

MEI Series

Decorative Type
District Cooling Option
220 - 240/1/50Hz

About Finpower

We at Finpower, were born out of sheer need of quality and affordable HVACR equipment for the ever-growing markets. Established in 2011, we strive to specialize in manufacture of Air-conditioning and Kitchen Ventilation equipment at the state of the art manufacturing facility at Dubai (UAE) and Mangalore (India).

About Fan Coil Units

Fan Coil Units or FCU is a device used in a building to heat or cool a specific space. It is essentially made up of a motor with a fan, a heating or cooling coil connected to the building's central hot water and cold water system, and valve with a controller. In simple terms, it is a heat exchanger where the fan and motor brings air, which is a medium of transfer, to the copper coil. The coil is either having hotter or colder water so transfers the heat to the flowing air. This catalogue displays ceiling recessed ducted type and decorative type of units ranging from airflows of 200 CFM to 3000 CFM.

Quality Assurance & Warranty

Finpower Fan Coil Units are designed to be highly efficient with prevalent and accessible technology. Noise, Performance and Indoor Air Quality (IAQ) have been our main focus of improvement. The components are selected with great care with prior testing from renowned vendors who have various certification and high level of commitment. All the units are factory tested and undergo strict quality procedures before dispatch.

COMPANY PROFILE

Finpower Aircon is an ISO certified organization focused in the manufacture of complete range of Air Conditioning, Refrigeration and Kitchen Ventilation equipment for the International markets.

Our speciality lies in the manufacture of highly complicated and challenging HVAC machines with special emphasis on Packaged units, Chillers and other airside products such as Fan Coil units, Fresh Air Handling Units, Ecology units and energy recovery units. Our design and engineering team evaluates the diverse specifications of customer and endeavors to provide precise machines at economical prices within committed delivery periods.

Our state of art manufacturing facility is located at Dubai Industrial City and Mangalore Baikampadi Industrial area covering a spread of approx. 150,000 sqft. We are constantly evolving and diversifying to cater to global markets. We have supplied to many projects in various countries such as South Africa, Uganda, UAE, Qatar, Oman, Saudi Arabia, Iran, India etc.

Our service team is capable of handling any emergencies and are always ready to serve you. We have tagged all our units for identification and can quickly identify the components inside. We maintain inventory of most of the spares relevant to our warranty.

Finpower believes in providing value for money. Our esteemed customers have been assured of energy efficient, performance oriented, safety adhered and eco-friendly materials in all product lines. With the implementation of 5 step quality control process by our quality control experts we once again ensure our products are consistent of the highest grade of quality as required by customer.

With a strong local base of operations, Finpower is now ready to expand its distribution network and increase its brand value through global strategy of progressively developing and manufacturing more value added products, providing personalized services, and venturing into new international markets.

FAN COIL UNIT

KX-SERIES

SIZES AVAILABLE: 2,400 – 13,190 WATTS(COOLING) :2PIPE

KX 10-24
Size 60 x 60 cm

KX 26-50
Size 90 x 90 cm

FEATURES

Finpower chilled water cassette indoor units have been quite recognized and popular for attractive and elegant designs, high quality and performance. In response to the demand for the hydronic or water versions of the cassettes, we have also made these available in a wide capacity range which includes the mini water cassettes, 60 x 60 cm. from 2.40 Kw to 5.33 Kw with 2 pipes and from 2.02 Kw to 4.01 Kw with 4 pipes. It's also available for large cassette 90 x 90 cm. from 5.70 Kw to 13.19 Kw with 2 pipes and 4.72 to 11.43 Kw with 4 pipes.

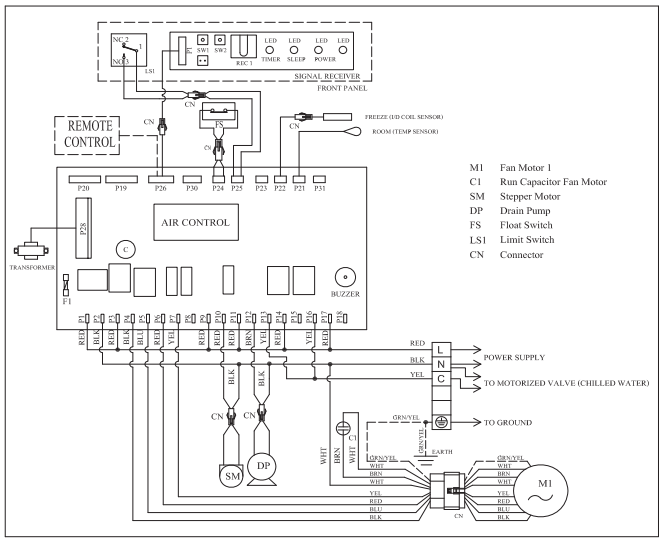
These water cassettes are easy for installation, service and maintenance.

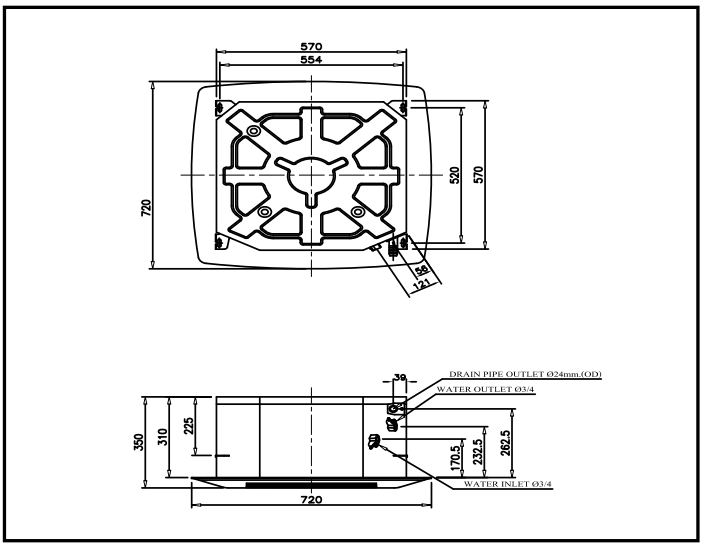
They can save a lot of precious room space as they are installed in the ceiling with the cooled or hot air being discharged into the room in four directions from the unit. All the units come complete with the wireless controls, which can be used for either chilled or hot water depending on the application. Master slave control for up to 64 units is also available as an option.

These water cassettes are fitted with female plumbing connectors with built-in vent valves facilitating the installation and commissioning of the system.

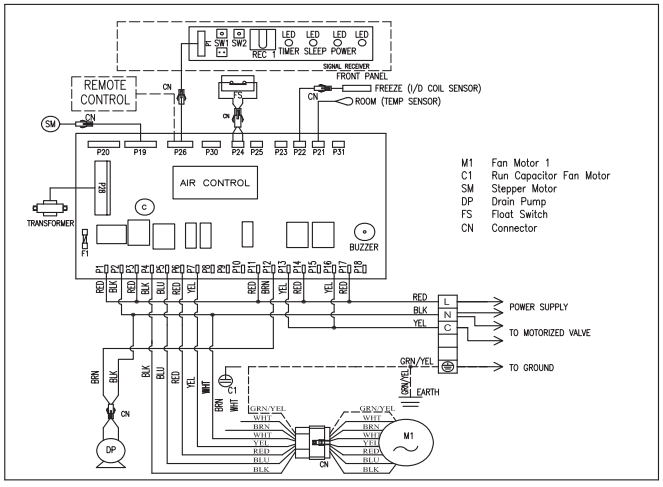
Wiring Diagram

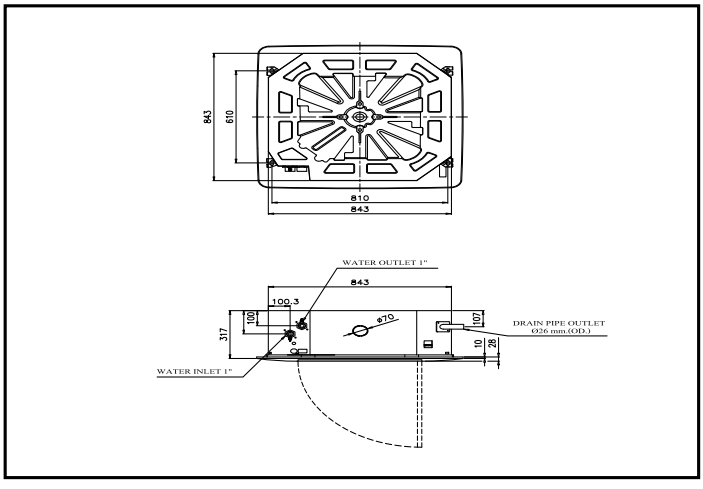
KX10-24 (2-Pipe)





KXB26-50 (2-Pipe)





TECHNICAL SPECIFICATIONS

KX-SERIES

Pipe Arrangement			2 Pipe								
MODEL	INDOOR UNIT		KX10MPVC /H- CWB	KX13MPVC/ H- CWB	KX18MPVC/ H- CWB	KX24MPVC/ H- CWB	KXB26MPVC /H-CW	KXB32MPVC/ H-CW	KXB36MPVC /H-CW	KXB48MPVC/ H-CW	KXB50MPVC/ H-CW
Chilled water cooling (A)	Total Capacity	(Watts)	2400	3460	4490	5330	5700	8800	9900	11100	13190
	Sensible capacity	(Watts)	2090	2910	3750	4560	4640	6340	7350	7870	9630
	Water flow rate	(l/hr)	412	593	772	914	977	1512	1698	1905	2251
	Pressure drop	(Kpa)	6.7	7.6	11.8	15.1	28	33	40	48	38
Hot water heating (B)	Capcity	(Watts)	3450	4760	5980	7120	6950	9950	11400	12190	15810
Hot water heating (C)	Capcity	(Watts)	6030	8210	10220	12200	13060	17830	20130	21220	26500
	Water flow rate	(l/hr)	529	720	897	1069	1146	1539	1733	1844	2324
	Pressure drop	(Kpa)	8.2	8.3	11.5	15.3	32	28	32	36	36
Inlet and Outlet Pipe connection	Type		Female Water Pipe Thread								
	Diameter Nominal	(Inch)	3/4	3/4	3/4	3/4	1	1	1	1	1
Drain Connection	Diameter (Outside)	(mm.)	24	24	24	24	26	26	26	26	26
Evaporator Coil	Face area	(m^2)	0.295	0.295	0.295	0.295	0.52	0.52	0.52	0.52	0.52
	Row		1	2	2	2	1	2	2	2	2.8
	Fin Type/ Fin Pitch		Louver/1.20	Louver/1.81	Louver/1.20	Louver/1.20	Louver/1.41	Louver/1.81	Louver/1.81	Louver/1.41	Louver/1.41
	Tube diameter	(mm.)	ø7 Smooth				ø9.5 Smooth				
Fan	Type		Single inlet axial Capacitor								
	Size Dia.X	(mm.)	ø282x149				ø462 x 173				
	No.		1								
Fan Motor	Type		Permanent Split Capacitor								
	Power supply	(V/Ph/Hz	220-240/1/50								
	Power input	(W)	57	103	106	155	149	153	209	211	230
	Running current	(A)	0.2	0.4	0.5	0.7	0.67	0.69	0.92	0.93	1.04
	Full load current	(A)	0.22	0.52	0.52	0.73	0.77	0.77	1.1	1.1	1.1
	RPM	Turbo	800	1050	1100	1350	700	710	830	840	840
		Hi	600	750	820	1100	530	540	700	710	700
		Me	500	600	650	950	450	460	560	580	570
		Lo	400	500	530	750	380	390	460	480	480
Nominal Air Flow rate	m^3/hr	Turbo	655	815	830	1050	1400	1500	1700	1800	1760
		Hi	500	590	600	875	1100	1150	1300	1400	1370
		Me	380	450	460	770	920	970	1100	1200	1170
		Lo	300	355	360	570	780	830	900	980	960
Sound pressure level	dB (A) T/H/M/L		39/33/27/24	46/38/32/28	47/40/35/33	54/48/46/40	53/47/43/40	54/48/44/41	58/54/48/42	59/54/49/43	59/54/49/43
Dimension	Front panel	(mm.)	40x720x720				55x950x950				
	Housing	(mm.)	310x570x570				314x843x843				
Net Weight	Front panel	(kg)	2.5				4				
	Housing	(kg)	21	22	22	22	26.5	29.5	29.5	30	38.5

NOTE:
A- Cooling : Inlet water temperature 7°C; Outlet water temperature 12°C; Inlet air temperature 27°C DB, 19°C WB
B- Heating : Inlet water temperature 50°C; same water flow as in cooling; Inlet air temperature 20°C DB
C- Heating : Inlet watert emperature 70 °C; Outlet water temperature 60°C; Inlet air temperature 20°C DB
*** Pressure drops shown inthetable are measured without valve.
*** Above capacity are rated at turbo fan speed.

Cooling capacity in kw turbo fan speed (2-pipe)
Entering water temperature at 5° C

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17° WB			18° WB			19° WB			20° WB			21° WB			22° WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
KX10MPVC /H-CWB	4	2.68	2.10	2.24	3.09	2.29	2.43	3.50	2.60	2.74	3.90	2.77	2.91	4.38	2.95	3.09	4.87	3.11	3.25
	5	2.29	1.85	1.98	2.75	2.07	2.20	3.18	2.40	2.53	3.59	2.58	2.72	4.09	2.76	2.90	4.58	2.94	3.08
	6	1.31	1.15	1.29	2.26	1.77	1.89	2.80	2.16	2.29	3.25	2.36	2.50	3.77	2.57	2.70	4.27	2.76	2.89
	7	1.15	1.13	1.15	1.08	0.96	1.06	1.26	1.12	1.22	2.40	1.90	2.02	3.07	2.18	2.31	3.93	2.55	2.68
	8	1.09	1.07	1.09	0.98	0.90	0.98	1.14	1.05	1.14	1.31	1.12	1.22	1.53	1.42	1.53	3.15	2.15	2.27
	9	1.03	1.01	1.03	0.88	0.84	0.88	1.04	1.00	1.04	1.21	1.07	1.16	1.41	1.13	1.23	1.63	1.19	1.29
KX13MPVC /H-CWB	4	3.77	2.91	3.09	4.33	3.15	3.34	4.87	3.58	3.76	5.40	3.80	3.99	6.05	4.03	4.22	6.70	4.25	4.44
	5	3.29	2.60	2.78	3.90	2.88	3.06	4.47	3.32	3.50	5.03	3.57	3.75	5.70	3.81	4.00	6.36	4.04	4.23
	6	1.77	1.46	1.59	3.32	2.53	2.70	4.00	3.02	3.20	4.60	3.30	3.48	5.30	3.57	3.75	5.99	3.82	4.00
	7	1.59	1.36	1.49	1.88	1.47	1.60	2.18	1.70	1.84	4.07	2.97	3.14	4.85	3.29	3.47	5.57	3.58	3.75
	8	1.43	1.27	1.39	1.72	1.37	1.50	2.00	1.61	1.74	2.29	2.04	2.20	2.65	2.15	2.31	4.62	3.06	3.23
	9	1.28	1.08	1.17	1.56	1.28	1.41	1.84	1.51	1.64	2.12	1.93	2.08	2.45	2.04	2.19	2.80	2.16	2.32
KX18MPVC /H-CWB	4	4.81	3.73	3.95	5.49	4.02	4.25	6.15	4.54	4.77	6.81	4.82	5.05	7.59	5.10	5.33	8.39	5.37	5.60
	5	4.31	3.40	3.62	5.03	3.73	3.95	5.72	4.26	4.48	6.40	4.56	4.78	7.20	4.85	5.08	8.01	5.14	5.37
	6	3.64	2.97	3.18	4.48	3.38	3.59	5.23	3.95	4.16	5.94	4.27	4.49	6.78	4.59	4.81	7.60	4.89	5.12
	7	2.33	1.95	2.29	3.65	2.87	3.08	4.62	3.56	3.77	5.41	3.94	4.15	6.30	4.30	4.51	7.16	4.63	4.84
	8	2.17	1.82	2.13	1.93	1.62	1.78	2.26	1.89	2.05	2.60	2.43	2.60	5.20	3.66	3.87	6.68	4.34	4.55
	9	2.06	1.69	2.03	1.75	1.52	1.67	2.06	1.79	1.94	2.38	2.30	2.38	2.78	2.44	2.63	5.45	3.67	3.87
KX24MPVC /H-CWB	4	5.69	4.52	4.80	6.50	4.87	5.15	7.28	5.50	5.78	8.06	5.84	6.12	9.00	6.18	6.46	9.94	6.51	6.79
	5	5.12	4.13	4.40	5.96	4.52	4.80	6.77	5.17	5.44	9.33	5.52	5.80	8.53	5.88	6.16	9.48	6.22	6.50
	6	4.42	3.67	3.93	5.35	4.12	4.39	6.21	4.80	5.06	7.03	5.18	5.45	8.02	5.56	5.83	8.99	5.92	6.19
	7	2.56	2.26	2.52	4.58	3.63	3.88	5.55	4.37	4.62	6.44	4.79	5.06	7.47	5.21	5.48	8.47	5.60	5.87
	8	2.42	2.12	2.38	2.05	1.76	1.83	2.41	2.15	2.34	5.06	3.99	4.24	6.27	4.51	4.76	7.34	4.93	5.19
	9	2.30	2.08	2.26	1.85	1.58	1.72	2.18	1.87	2.03	2.53	2.17	2.35	5.32	3.98	4.23	6.61	4.53	4.78
KXB26MPVC /H-CW	4	5.21	3.93	4.27	6.06	4.17	4.51	6.90	4.73	5.08	7.86	4.98	5.33	8.90	5.24	5.58	10.05	5.51	5.85
	5	4.75	3.75	4.10	5.63	4.01	4.35	6.49	4.58	4.92	7.33	4.79	5.13	8.20	4.99	5.33	9.20	5.21	5.56
	6	4.07	3.50	3.84	5.05	3.79	4.13	6.06	4.42	4.77	6.95	4.66	5.00	7.82	4.86	5.20	8.80	5.08	5.42
	7	3.06	3.06	3.06	4.21	3.48	3.83	5.38	4.18	4.52	6.39	4.46	4.80	7.40	4.71	5.05	8.41	4.94	5.29
	8	1.83	1.83	1.83	3.13	3.11	3.13	4.46	3.86	4.20	5.57	4.18	4.52	6.73	4.48	4.82	7.94	4.79	5.13
	9	0.32	0.32	0.32	1.73	1.73	1.73	3.24	3.24	3.24	4.58	3.84	4.18	5.90	4.20	4.55	7.27	4.57	4.91
KXB32MPVC /H-CW	4	8.13	5.51	5.92	9.30	5.87	6.28	10.58	6.65	7.06	11.63	6.91	7.32	13.04	7.29	7.70	14.43	7.64	8.05
	5	7.61	5.30	5.71	8.75	5.64	6.05	10.02	6.42	6.83	11.22	6.75	7.16	12.52	7.08	7.49	13.88	7.42	7.83
	6	6.97	5.04	5.45	8.22	5.42	5.83	9.50	6.21	6.62	10.82	6.59	7.00	12.07	6.90	7.31	13.46	7.25	7.66
	7	6.31	4.77	5.18	7.57	5.16	5.57	8.83	5.95	6.36	10.12	6.31	6.72	11.50	6.68	7.09	12.90	7.03	7.44
	8	5.57	4.47	4.88	7.05	4.95	5.36	8.33	5.75	6.16	9.61	6.11	6.52	10.89	6.45	6.86	12.34	6.82	7.23
	9	4.68	4.13	4.54	6.31	4.66	5.07	7.64	5.48	5.89	9.05	5.90	6.31	10.45	6.28	6.69	11.89	6.65	7.06
KXB36MPVC /H-CW	4	9.14	6.36	6.85	10.42	6.73	7.23	11.95	7.68	8.17	13.23	8.00	8.49	14.67	8.36	8.85	16.44	8.81	9.30
	5	8.51	6.10	6.59	9.82	6.48	6.98	11.36	7.44	7.93	12.62	7.76	8.25	14.12	8.14	8.63	15.73	8.53	9.03
	6	7.89	5.84	6.34	9.33	6.29	6.78	10.72	7.18	7.67	11.97	7.50	7.99	13.61	7.94	8.43	15.15	8.31	8.80
	7	7.07	5.52	6.01	8.69	6.04	6.53	10.10	6.93	7.42	11.50	7.31	7.81	13.18	7.77	8.26	14.69	8.14	8.63
	8	6.09	5.13	5.62	7.88	5.72	6.21	9.45	6.68	7.18	10.89	7.09	7.58	12.43	7.49	7.99	14.03	7.89	8.39
	9	4.79	4.64	4.79	6.85	5.33	5.82	8.54	6.34	6.83	10.27	6.85	7.34	11.71	7.22	7.71	13.52	7.70	8.19
KXB48MPVC /H-CW	4	10.10	6.80	7.30	11.54	7.24	7.74	13.15	8.22	8.72	14.51	8.58	9.08	16.84	9.31	9.80	17.96	9.49	9.99
	5	9.42	6.51	7.00	10.92	6.98	7.47	12.62	8.00	8.50	14.02	8.38	8.88	15.53	8.76	9.26	17.27	9.21	9.71
	6	8.90	6.29	6.79	10.41	6.77	7.26	12.02	7.76	8.25	13.51	8.17	8.67	15.07	8.57	9.07	16.78	9.01	9.51
	7	8.22	6.01	6.51	9.81	6.53	7.02	11.50	7.54	8.04	13.07	7.99	8.49	14.69	8.42	8.92	16.29	8.82	9.31
	8	7.37	5.67	6.17	9.13	6.25	6.74	10.83	7.27	7.77	12.43	7.73	8.23	13.97	8.13	8.63	15.60	8.54	9.04
	9	6.41	5.29	5.78	8.29	5.91	6.41	10.09	6.97	7.47	11.75	7.46	7.95	13.33	7.88	8.38	15.03	8.32	8.82
KXB50MPVC /H-CW	4	13.18	9.16	9.69	14.81	9.78	10.31	16.39	10.91	11.44	17.97	11.51	12.04	19.89	12.10	12.63	21.81	12.67	13.20
	5	12.45	8.72	9.23	14.12	9.37	9.89	15.73	10.52	11.04	17.33	11.13	11.66	19.27	11.75	12.27	21.21	12.34	12.87
	6	11.64	8.23	8.73	13.36	8.92	9.43	15.01	10.09	10.60	16.65	10.74	11.25	18.61	11.37	11.89	20.58	11.99	12.51
	7	10.72	7.67	8.16	12.52	8.43	8.92	14.22	9.63	10.13	15.91	10.30	10.81	17.91	10.98	11.49	19.91	11.62	12.13
	8	9.65	7.03	7.50	11.56	7.87	8.35	13.35	9.12	9.60	15.10	9.83	10.32	17.15	10.55	11.05	19.19	11.23	11.73
	9	7.25	5.69	6.12	9.71	6.81	7.28	11.66	8.14	8.63	13.52	8.94	9.42	15.80	9.80	10.21	17.93	10.54	10.96

Cooling capacity in kw turbo fan speed (2-pipe)
Entering water temperature at 6° C

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17° WB			18° WB			19° WB			20° WB			21° WB			22° WB		
		TOTAL CAP.	SENSIBLE 23DB	SENSIBLE 24DB	TOTAL CAP.	SENSIBLE 24DB	SENSIBLE 25DB	TOTAL CAP.	SENSIBLE 26DB	SENSIBLE 27DB	TOTAL CAP.	SENSIBLE 27DB	SENSIBLE 28DB	TOTAL CAP.	SENSIBLE 28DB	SENSIBLE 29DB	TOTAL CAP.	SENSIBLE 29DB	SENSIBLE 30DB
KX10MPVC /H-CWB	4	2.40	1.93	2.07	2.82	2.12	2.26	3.23	2.44	2.58	3.63	2.62	2.76	4.12	2.79	2.93	4.60	2.96	3.10
	5	1.95	1.65	1.78	2.46	1.90	2.03	2.90	2.23	2.36	3.32	2.42	2.56	3.82	2.61	2.74	4.31	2.79	2.92
	6	1.22	1.11	1.20	1.31	1.16	1.29	2.16	1.82	1.94	2.69	2.07	2.20	3.25	2.29	2.42	3.76	2.48	2.61
	7	1.15	1.04	1.13	1.24	1.09	1.22	1.42	1.27	1.40	1.31	1.13	1.23	2.77	2.03	2.16	3.36	2.27	2.39
	8	1.09	0.98	1.07	1.18	1.08	1.15	1.35	1.26	1.33	1.14	1.04	1.14	1.35	1.11	1.20	2.65	1.89	2.01
	9	1.03	0.93	1.01	1.12	1.01	1.10	1.29	1.18	1.27	1.08	0.94	1.08	1.18	1.01	1.10	1.39	1.08	1.17
KX13MPVC /H-CWB	4	3.38	2.68	2.86	3.95	2.94	3.12	4.50	3.36	3.55	5.04	3.59	3.78	5.69	3.82	4.01	6.34	4.04	4.23
	5	2.85	2.34	2.51	3.51	2.65	2.83	4.10	3.10	3.28	4.66	3.35	3.53	5.33	3.60	3.78	5.99	3.84	4.02
	6	1.56	1.37	1.50	1.86	1.47	1.61	3.20	2.58	2.75	3.88	2.89	3.07	4.96	3.54	3.37	5.64	3.62	3.81
	7	1.40	1.18	1.27	1.68	1.37	1.50	1.97	1.61	1.74	2.27	2.05	2.21	4.06	2.88	3.05	4.85	3.19	3.36
	8	1.15	0.97	1.11	1.43	1.23	1.35	1.72	1.46	1.59	2.01	1.87	2.00	2.34	1.99	2.15	2.70	2.12	2.28
	9	1.11	0.95	1.00	1.15	0.97	1.05	1.44	1.29	1.40	1.72	1.41	1.53	2.06	1.82	1.97	2.42	1.96	2.11
KX18MPVC /H-CWB	4	4.35	3.45	3.67	5.03	3.75	3.98	5.70	4.27	4.50	6.36	4.55	4.78	7.15	4.84	5.07	7.94	5.11	5.34
	5	3.82	3.10	3.31	4.56	3.45	3.67	5.26	3.99	4.21	5.94	4.29	4.51	6.75	4.59	4.82	7.56	4.88	5.11
	6	2.85	1.95	2.20	4.00	3.09	3.30	4.75	3.66	3.87	5.47	3.99	4.21	6.32	4.32	4.54	7.15	4.63	4.86
	7	2.13	1.82	2.10	1.90	1.62	1.78	2.23	1.90	2.06	4.45	3.40	3.61	5.42	3.80	4.01	6.31	4.14	4.35
	8	2.01	1.68	1.98	1.61	1.34	1.46	1.93	1.73	1.88	2.25	1.85	2.01	4.42	3.25	3.45	5.52	3.71	3.91
	9	1.91	1.59	1.87	1.28	1.07	1.25	1.60	1.34	1.54	1.93	1.69	1.83	2.33	2.19	2.30	2.74	1.94	2.09
KX24MPVC /H-CWB	4	5.14	4.18	4.46	5.95	4.55	4.83	6.74	5.18	5.46	7.52	5.52	5.80	8.47	5.86	6.15	9.41	6.19	6.48
	5	4.54	3.78	4.04	5.40	4.19	4.45	6.22	4.84	5.11	7.03	5.20	5.47	7.99	5.56	5.84	8.95	5.91	6.19
	6	2.49	2.27	2.45	4.81	3.80	4.25	5.68	4.47	4.74	6.51	4.85	5.13	7.50	5.24	5.52	8.47	5.61	5.89
	7	2.38	2.19	2.34	2.57	2.27	2.52	4.35	3.70	3.94	5.36	4.18	4.44	6.44	4.63	4.89	7.47	5.03	5.29
	8	2.24	2.03	2.21	2.43	2.09	2.39	2.80	2.43	2.75	2.40	2.12	2.30	5.43	4.05	4.29	6.59	4.53	4.78
	9	2.12	1.91	2.08	2.30	2.03	2.26	2.67	2.29	2.61	2.17	1.92	2.09	2.48	2.12	2.25	5.36	3.85	4.09
KXB26MPVC /H-CW	4	4.86	3.79	4.14	5.67	4.02	4.37	6.49	4.58	4.92	7.40	4.81	5.16	8.37	5.04	5.39	9.40	5.28	5.63
	5	4.30	3.58	3.93	5.17	3.84	4.18	6.05	4.42	4.76	6.94	4.65	4.99	7.81	4.85	5.20	8.77	5.07	5.41
	6	3.50	3.28	3.50	4.57	3.62	3.96	5.55	4.24	4.58	6.49	4.49	4.84	7.43	4.72	5.06	8.36	4.93	5.27
	7	2.44	2.44	2.44	3.75	3.32	3.67	4.88	4.00	4.35	5.89	4.28	4.63	6.93	4.55	4.89	7.99	4.80	5.15
	8	1.15	1.15	1.15	2.69	2.69	2.69	3.94	3.68	3.94	5.13	4.02	4.37	6.25	4.32	4.66	7.40	4.61	4.95
	9	-	-	-	1.43	1.43	1.43	2.74	2.74	2.74	4.11	3.68	4.03	5.40	4.04	4.38	6.64	4.36	4.71
KXB32MPVC /H-CW	4	7.53	5.26	5.67	8.73	5.64	6.05	9.94	6.39	6.80	11.06	6.68	7.09	12.42	7.04	7.45	13.86	7.41	7.82
	5	7.01	5.05	5.46	8.21	5.42	5.83	9.42	6.18	6.59	10.62	6.51	6.92	11.92	6.84	7.25	13.32	7.19	7.61
	6	6.37	4.79	5.20	7.69	5.21	5.62	8.89	5.97	6.38	10.09	6.30	6.71	11.42	6.65	7.06	12.86	7.02	7.43
	7	5.66	4.51	4.92	7.01	4.94	5.35	8.27	5.72	6.13	9.53	6.08	6.49	10.93	6.46	6.87	12.47	6.87	7.28
	8	4.80	4.17	4.58	6.31	4.67	5.08	7.69	5.50	5.91	8.97	5.86	6.27	10.41	6.26	6.67	11.85	6.64	7.05
	9	3.85	3.82	3.85	5.40	4.33	4.74	6.85	5.18	5.60	8.39	5.65	6.06	9.73	6.01	6.42	11.17	6.38	6.79
KXB36MPVC /H-CW	4	8.46	6.08	6.57	9.86	6.50	6.99	11.22	7.38	7.87	12.66	7.77	8.27	14.02	8.10	8.59	15.59	8.48	8.97
	5	7.81	5.81	6.31	9.22	6.24	6.74	10.62	7.14	7.63	11.92	7.48	7.97	13.52	7.90	8.40	15.03	8.26	8.76
	6	7.14	5.54	6.04	8.60	6.00	6.49	10.09	6.93	7.42	11.30	7.24	7.74	12.91	7.67	8.16	14.42	8.04	8.53
	7	6.25	5.19	5.69	7.99	5.76	6.25	9.47	6.69	7.19	10.85	7.07	7.56	12.42	7.49	7.98	13.79	7.80	8.29
	8	5.12	4.77	5.12	7.05	5.40	5.89	8.65	6.38	6.87	10.25	6.84	7.34	11.69	7.21	7.71	13.29	7.62	8.11
	9	3.67	3.67	3.67	5.76	4.92	5.41	7.75	6.04	6.54	9.37	6.52	7.01	11.06	6.98	7.48	12.68	7.40	7.89
KXB48MPVC /H-CW	4	9.37	6.49	6.99	10.82	6.94	7.43	12.42	7.92	8.41	13.78	8.28	8.78	15.27	8.66	9.16	17.23	9.20	9.69
	5	8.71	6.22	6.71	10.36	6.75	7.24	11.86	7.69	8.18	13.36	8.11	8.61	14.89	8.50	9.00	16.63	8.95	9.45
	6	8.17	6.00	6.49	9.78	6.51	7.01	11.30	7.46	7.95	12.81	7.88	8.38	14.42	8.31	8.81	16.03	8.71	9.21
	7	7.43	5.69	6.19	9.11	6.24	6.73	10.65	7.20	7.69	12.33	7.69	8.19	13.88	8.10	8.59	15.50	8.50	9.00
	8	6.57	5.35	5.84	8.33	5.93	6.42	9.93	6.91	7.41	11.53	7.37	7.87	13.29	7.87	8.36	14.89	8.27	8.76
	9	5.58	4.96	5.46	7.42	5.57	6.07	9.19	6.62	7.12	10.88	7.12	7.62	12.61	7.60	8.10	14.41	8.09	8.58
KXB50MPVC /H-CW	4	12.04	8.55	9.07	18.68	9.18	9.70	15.27	10.32	10.85	16.86	10.92	11.45	18.78	11.51	12.04	20.71	12.10	12.63
	5	11.29	8.09	8.60	12.97	8.76	9.27	14.60	9.92	10.43	16.21	10.54	11.06	18.16	11.16	11.68	20.11	11.76	12.29
	6	10.44	7.57	8.06	12.19	8.29	8.79	13.86	9.48	9.98	15.52	10.13	10.64	17.50	10.78	11.30	19.47	11.41	11.93
	7	8.96	6.69	7.11	11.08	7.64	8.00	12.65	8.77	9.21	14.36	9.47	9.93	16.40	10.17	10.62	18.38	10.81	11.28
	8	6.72	5.42	5.85	8.99	6.44	6.90	11.13	7.87	8.33	12.98	8.66	9.14	15.13	9.45	9.93	17.22	10.17	10.66
	9	5.93	4.78	5.70	6.19	4.97	5.38	8.92	6.65	7.08	11.03	7.59	8.04	13.35	8.46	8.93	15.69	9.34	9.81

Cooling capacity in kw turbo fan speed (2-pipe)
Entering water temperature at 7° C

UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17° WB			18° WB			19° WB			20° WB			21° WB			22° WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
KX10MPVC /H-CWB	4	2.12	1.77	1.89	2.55	1.97	2.10	2.97	2.29	2.43	3.37	2.47	2.60	3.86	2.64	2.79	4.35	2.81	2.94
	5	1.20	1.10	1.18	1.91	1.33	1.44	2.40	1.96	2.09	2.84	2.16	2.29	3.35	2.35	2.49	3.85	2.54	2.67
	6	1.13	1.02	1.11	1.22	1.06	1.20	1.41	1.26	1.38	2.28	1.84	1.97	2.88	2.09	2.22	3.42	2.30	2.43
	7	1.06	0.96	1.04	1.15	1.04	1.13	1.33	1.22	1.31	1.42	1.23	1.40	1.31	1.09	1.19	2.86	1.99	2.12
	8	1.00	0.90	0.98	1.09	0.99	1.07	1.27	1.16	1.24	1.36	1.19	1.33	1.18	1.03	1.12	1.40	1.31	1.40
	9	0.94	0.84	0.93	1.03	0.93	1.01	1.21	1.10	1.18	1.30	1.13	1.27	1.12	0.96	1.05	1.12	0.96	1.05
KX13MPVC /H-CWB	4	2.99	2.45	2.63	3.57	2.71	2.90	4.13	3.14	3.33	4.67	3.38	3.56	5.33	3.61	3.80	5.98	3.84	4.03
	5	2.01	1.96	2.00	2.80	2.26	2.43	3.46	2.74	2.91	4.05	3.00	3.18	4.73	3.26	3.44	5.39	3.50	3.68
	6	1.76	1.46	1.73	1.60	1.34	1.47	1.88	1.58	1.71	3.35	2.61	2.78	4.15	2.93	3.11	4.87	3.21	3.39
	7	1.66	1.40	1.63	1.33	1.18	1.30	1.62	1.42	1.54	1.90	1.53	1.66	2.26	1.96	2.12	4.17	2.83	3.00
	8	1.57	1.34	1.55	1.14	0.96	1.06	1.42	1.20	1.30	1.71	1.43	1.55	2.06	1.84	1.99	2.41	1.97	2.13
	9	1.49	1.33	1.46	0.94	0.80	0.93	1.23	1.04	1.18	1.52	1.32	1.43	1.86	1.72	1.86	2.21	1.86	2.01
KX18MPVC /H-CWB	4	3.87	3.16	3.39	4.57	3.48	3.70	5.24	4.00	4.23	5.90	4.29	4.52	6.70	4.58	4.81	7.50	4.85	5.09
	5	2.93	2.59	2.79	3.77	2.98	3.20	4.49	3.53	3.75	5.23	3.87	4.08	6.11	4.21	4.42	6.93	4.51	4.72
	6	2.09	1.97	2.06	1.80	1.58	1.74	3.70	3.06	3.27	4.52	3.45	3.66	5.42	3.81	4.02	6.27	4.13	4.35
	7	1.97	1.78	1.93	1.60	1.41	1.55	1.89	1.69	1.84	2.16	1.82	1.98	4.59	3.34	3.58	5.55	3.74	3.94
	8	1.86	1.67	1.82	1.50	1.25	1.40	1.60	1.33	1.56	1.93	1.70	1.85	2.33	2.21	2.30	4.78	3.32	3.52
	9	1.75	1.57	1.72	1.41	1.18	1.35	1.52	1.27	1.50	1.82	1.58	1.73	2.10	1.72	1.87	2.51	2.23	2.42
KX24MPVC /H-CWB	4	4.58	3.84	4.11	5.40	4.22	4.49	6.20	4.85	5.13	6.99	5.20	5.48	7.94	5.55	5.83	8.89	5.89	6.17
	5	3.57	3.20	3.46	4.49	3.64	3.91	5.33	4.30	4.56	6.16	4.68	4.94	7.14	5.05	5.33	8.12	5.42	5.70
	6	2.34	2.11	2.30	3.37	2.99	3.23	4.46	3.77	4.02	5.37	4.20	4.46	6.40	4.62	4.88	7.40	5.00	5.27
	7	2.20	1.98	2.16	2.38	2.16	2.34	2.76	2.52	2.71	4.26	3.55	3.79	5.49	4.09	4.34	6.58	4.54	4.79
	8	2.07	1.86	2.03	2.25	2.03	2.21	2.62	2.39	2.57	2.81	2.44	2.75	4.42	3.49	3.73	5.77	4.09	4.33
	9	1.94	1.74	1.91	2.13	1.91	2.09	2.49	2.26	2.44	2.67	2.40	2.62	2.24	1.97	2.14	4.57	3.43	3.66
KXB26MPVC /H-CW	4	4.42	3.63	3.97	5.25	3.86	4.21	6.10	4.44	4.78	6.92	4.64	4.99	7.81	4.85	5.19	8.85	5.09	5.44
	5	3.78	3.39	3.73	4.75	3.68	4.02	5.70	4.29	4.64	6.49	4.49	4.84	7.35	4.69	5.04	8.24	4.89	5.23
	6	2.88	2.88	2.88	3.99	3.41	3.75	5.12	4.09	4.43	6.05	4.34	4.68	6.99	4.57	4.91	7.86	4.76	5.10
	7	1.68	1.68	1.68	2.94	2.94	2.94	4.25	3.79	4.13	5.38	4.11	4.45	6.47	4.40	4.74	7.40	4.61	4.95
	8	–	–	–	1.57	1.57	1.57	3.07	3.07	3.07	4.42	3.79	4.13	5.76	4.16	4.50	6.84	4.43	4.77
	9	–	–	–	–	–	–	1.56	1.56	1.56	3.18	3.18	3.18	4.65	3.80	4.14	6.05	4.18	4.52
KXB32MPVC /H-CW	4	6.89	5.00	5.41	8.01	5.34	5.75	9.37	6.16	6.57	10.58	6.49	6.90	11.81	6.80	7.21	13.06	7.09	7.50
	5	6.31	4.77	5.18	7.51	5.14	5.55	8.80	5.93	6.34	10.11	6.30	6.71	11.35	6.62	7.03	12.62	6.92	7.33
	6	5.69	4.52	4.93	6.97	4.92	5.33	8.29	5.73	6.14	9.54	6.08	6.49	10.81	6.41	6.82	12.13	6.74	7.15
	7	5.04	4.27	4.68	6.30	4.66	5.07	7.62	5.47	5.88	8.97	5.86	6.27	10.23	6.19	6.60	11.63	6.55	6.96
	8	4.16	3.93	4.16	5.60	4.40	4.81	6.98	5.23	5.65	8.49	5.68	6.09	9.77	6.02	6.43	11.21	6.40	6.81
	9	3.24	3.24	3.24	4.68	4.06	4.47	6.12	4.91	5.33	7.74	5.41	5.82	9.11	5.78	6.19	10.63	6.18	6.60
KXB36MPVC /H-CW	4	7.77	5.80	6.29	9.09	6.19	6.68	10.42	7.06	7.55	12.02	7.52	8.01	13.22	7.79	8.28	14.90	8.22	8.71
	5	7.21	5.57	6.06	8.55	5.98	6.47	9.90	6.86	7.35	11.31	7.25	7.74	12.72	7.60	8.09	14.22	7.96	8.45
	6	6.49	5.28	5.78	7.93	5.73	6.23	9.37	6.65	7.14	10.69	6.91	7.50	12.13	7.38	7.87	13.69	7.77	8.26
	7	5.46	4.90	5.39	7.06	5.40	5.90	8.69	6.39	6.89	10.09	6.78	7.28	11.49	7.14	7.63	13.17	7.57	8.06
	8	4.23	4.23	4.23	5.92	4.98	5.47	7.68	6.02	6.51	9.45	6.55	7.04	10.95	6.94	7.44	12.49	7.33	7.82
	9	2.88	2.88	2.88	4.68	4.53	5.02	6.66	5.65	6.14	8.46	6.19	6.68	10.27	6.70	7.19	11.89	7.11	7.61
KXB48MPVC /H-CW	4	8.73	6.23	6.72	10.10	6.64	7.13	11.54	7.56	8.05	13.06	7.98	8.48	14.50	8.35	8.84	16.27	8.81	9.30
	5	8.11	5.97	6.47	9.55	6.41	6.91	11.10	7.38	7.87	12.42	7.73	8.22	14.12	8.19	8.69	15.78	8.62	9.11
	6	7.45	5.70	6.20	9.01	6.20	6.69	10.57	7.17	7.66	11.96	7.54	8.04	13.62	7.99	8.49	15.26	8.41	8.90
	7	6.59	5.36	5.85	8.27	5.90	6.40	9.95	6.92	7.41	11.55	7.38	7.88	13.17	7.82	8.31	14.71	8.20	8.69
	8	5.60	4.97	5.47	7.36	5.55	6.05	9.19	6.62	7.12	10.79	7.09	7.59	12.42	7.53	8.03	14.09	7.97	8.46
	9	4.39	4.39	4.39	6.48	5.22	5.71	8.28	6.28	6.78	10.23	6.88	7.38	11.89	7.33	7.83	13.69	7.82	8.31
KXB50MPVC /H-CW	4	10.89	7.93	8.45	12.54	8.57	9.09	14.15	9.72	10.25	15.75	10.33	10.87	17.69	10.94	11.48	19.64	11.54	12.04
	5	9.97	7.36	7.82	11.65	8.04	8.50	13.19	9.15	9.63	14.79	9.77	10.27	16.71	10.39	10.91	18.68	10.01	11.54
	6	8.46	6.44	6.91	10.30	7.24	7.72	12.05	8.47	8.96	13.76	9.16	9.66	15.78	9.85	10.36	17.79	10.51	11.02
	7	6.32	5.23	5.66	8.53	6.23	6.69	10.45	7.54	8.00	12.29	8.32	8.80	14.52	9.13	9.63	16.68	9.90	10.39
	8	5.47	4.41	5.40	6.82	5.32	5.75	9.10	6.80	7.24	11.08	7.67	8.13	13.31	8.50	8.97	15.46	9.26	9.74
	9	4.18	3.37	4.11	5.44	4.39	5.40	7.31	5.84	6.26	9.67	6.92	7.36	12.11	7.88	8.33	14.37	8.71	9.57

Cooling capacity in kw turbo fan speed (2-pipe)
Entering water temperature at 8° C

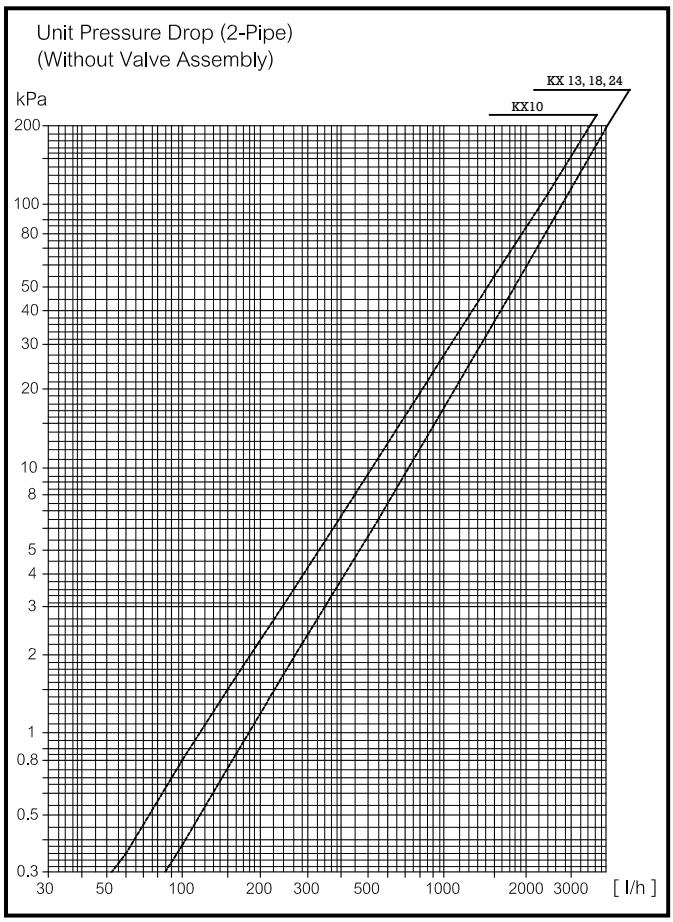
UNIT MODEL	WATER TEMP. RISE K.	ENTERING AIR TEMPERATURE (°C)																	
		17° WB			18° WB			19° WB			20° WB			21° WB			22° WB		
		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE		TOTAL CAP.	SENSIBLE	
			23DB	24DB		24DB	25DB		26DB	27DB		27DB	28DB		28DB	29DB		29DB	30DB
KX10MPVC /H-CWB	4	1.55	1.21	1.32	2.04	1.68	1.81	2.47	2.01	2.14	2.88	2.20	2.33	3.37	2.38	2.52	3.86	2.55	2.69
	5	1.11	1.00	1.09	1.21	1.09	1.18	1.93	1.41	1.51	2.42	1.92	2.05	2.95	2.14	2.27	3.46	2.33	2.46
	6	1.04	0.93	1.02	1.13	1.02	1.11	1.31	1.20	1.29	1.41	1.25	1.38	2.49	1.88	2.01	3.06	2.11	2.24
	7	0.97	0.87	0.96	1.06	0.96	1.05	1.24	1.13	1.22	1.34	1.22	1.31	2.19	1.64	1.84	2.54	1.83	1.95
	8	0.91	0.82	0.90	1.00	0.90	0.99	1.18	1.07	1.16	1.27	1.16	1.24	1.36	1.28	1.33	1.08	0.98	1.08
	9	0.86	0.76	0.84	0.95	0.85	0.93	1.12	1.02	1.10	1.21	1.10	1.18	1.30	1.19	1.27	0.98	0.92	0.98
KX13MPVC /H-CWB	4	2.28	2.05	2.21	2.92	2.35	2.52	3.50	2.79	2.96	4.06	3.03	3.21	4.71	3.27	3.46	5.37	3.50	3.69
	5	1.73	1.46	1.70	1.52	1.32	1.45	2.83	2.39	2.55	3.49	2.69	2.86	4.20	2.97	3.15	4.88	3.23	3.41
	6	1.62	1.37	1.59	1.32	1.11	1.20	1.61	1.44	1.57	1.90	1.55	1.68	3.63	2.66	2.82	4.39	2.96	3.13
	7	1.53	1.29	1.50	1.13	0.95	1.08	1.41	1.19	1.32	1.70	1.44	1.57	2.05	1.56	1.69	3.74	2.61	2.77
	8	1.44	1.22	1.42	1.07	0.90	1.06	1.36	1.25	1.35	1.51	1.34	1.45	1.85	1.46	1.58	2.23	1.89	2.04
	9	1.36	1.15	1.34	1.01	0.85	1.00	1.22	1.02	1.20	1.31	1.11	1.22	1.43	1.21	1.28	1.75	1.38	1.51
KX18MPVC /H-CWB	4	3.06	2.68	2.90	3.81	3.03	3.24	4.50	3.56	3.78	5.17	3.86	4.08	5.97	4.15	4.38	6.77	4.44	4.67
	5	2.53	2.12	2.40	2.98	2.54	2.74	3.81	3.14	3.35	4.55	3.49	3.70	5.40	3.82	4.04	6.23	4.13	4.35
	6	1.93	1.73	1.89	2.10	1.72	2.06	3.07	2.56	2.86	3.85	3.08	3.29	4.81	3.49	3.70	5.70	3.83	4.05
	7	1.81	1.62	1.78	1.97	1.84	1.94	2.30	2.16	2.26	1.92	1.72	1.88	4.03	3.05	3.25	5.07	3.49	3.69
	8	1.70	1.52	1.67	1.86	1.67	1.83	2.18	1.98	2.14	1.69	1.41	1.60	2.11	1.74	1.90	4.19	3.01	3.21
	9	1.59	1.41	1.57	1.76	1.57	1.72	2.07	1.88	2.03	1.60	1.34	1.50	1.59	1.33	1.53	1.95	1.64	1.79
KX24MPVC /H-CWB	4	3.64	3.27	3.35	4.49	3.67	3.94	5.30	4.32	4.59	6.10	4.67	4.95	7.05	5.03	5.31	8.00	5.37	5.65
	5	2.51	2.06	2.25	3.60	3.12	3.37	4.52	3.83	4.08	5.37	4.23	4.49	6.37	4.63	4.89	7.35	5.00	5.27
	6	2.15	1.93	2.11	2.35	2.12	2.30	3.59	3.27	3.51	4.61	3.78	4.03	5.70	4.23	4.49	6.72	4.64	4.90
	7	2.01	1.80	1.98	2.20	1.98	2.16	2.58	2.34	2.53	3.40	3.08	3.32	4.89	3.76	4.01	6.02	4.24	4.49
	8	1.89	1.68	1.85	2.07	1.86	2.03	2.44	2.21	2.39	2.62	2.39	2.57	3.92	2.60	2.74	5.15	3.76	4.00
	9	1.77	1.57	1.74	1.95	1.74	1.91	2.31	2.09	2.26	2.49	2.27	2.44	2.68	2.45	2.62	2.05	1.87	2.03
KXB26MPVC /H-CW	4	3.67	3.35	3.67	4.64	3.64	3.98	5.53	4.14	4.48	6.27	4.42	4.76	7.16	4.63	4.97	8.33	4.92	5.26
	5	2.94	2.94	2.94	4.03	3.42	3.76	5.02	4.05	4.40	5.82	4.26	4.60	6.78	4.50	4.84	7.78	4.73	5.08
	6	1.94	1.94	1.94	3.17	3.12	3.17	4.35	3.82	4.16	5.27	4.07	4.42	6.34	4.35	4.69	7.38	4.60	4.94
	7	0.71	0.71	0.71	2.10	2.10	2.10	3.39	3.39	3.39	4.54	3.82	4.17	5.73	4.15	4.49	6.92	4.45	4.80
	8	–	–	–	0.67	0.67	0.67	2.11	2.11	2.11	3.50	3.48	3.50	4.90	3.88	4.22	6.24	4.24	4.58
	9	–	–	–	–	–	–	0.60	0.60	0.60	2.20	2.20	2.20	3.69	3.50	3.69	5.25	3.92	4.27
KXB32MPVC /H-CW	4	6.01	4.64	5.06	7.27	5.04	5.45	8.41	5.78	6.19	9.61	6.11	6.52	10.89	6.44	6.85	12.33	6.82	7.23
	5	5.36	4.39	4.80	6.70	4.82	5.23	7.95	5.60	6.01	9.15	5.93	6.34	10.41	6.26	6.67	11.91	6.66	7.07
	6	4.63	4.11	4.52	6.07	4.58	4.99	7.44	5.41	5.82	8.64	5.74	6.15	9.89	6.07	6.48	11.41	6.47	6.88
	7	3.84	3.81	3.84	5.32	4.30	4.71	6.72	5.14	5.55	8.01	5.51	5.92	9.24	5.83	6.24	10.84	6.26	6.67
	8	2.98	2.98	2.98	4.48	3.99	4.40	5.99	4.87	5.28	7.36	5.27	5.68	8.80	5.67	6.08	10.40	6.11	6.52
	9	1.98	1.98	1.98	3.53	3.53	3.53	5.04	4.53	4.94	6.66	5.02	5.43	8.17	5.45	5.86	9.90	5.93	6.34
KXB36MPVC /H-CW	4	6.73	5.38	5.87	8.12	5.81	6.30	9.45	6.68	7.18	10.84	7.07	7.56	12.25	7.42	7.92	14.17	7.94	8.44
	5	6.10	5.14	5.63	7.51	5.57	6.06	8.91	6.48	6.97	10.31	6.86	7.36	11.71	7.22	7.71	13.47	7.68	8.18
	6	5.16	4.78	5.16	6.72	5.28	5.77	8.33	6.26	6.75	9.73	6.65	7.14	11.14	7.01	7.50	12.85	7.46	7.95
	7	3.92	3.92	3.92	5.74	4.91	5.40	7.70	6.03	6.52	9.02	6.39	6.88	10.56	6.80	7.30	12.33	7.27	7.76
	8	2.46	2.46	2.46	4.64	4.52	5.01	6.63	5.64	6.13	8.23	6.11	6.60	9.92	6.58	7.07	11.75	7.07	7.56
	9	0.72	0.72	0.72	3.06	3.06	3.06	5.40	5.20	5.40	7.20	5.74	6.24	9.07	6.28	6.77	10.98	6.80	7.29
KXB48MPVC /H-CW	4	7.61	5.76	6.26	9.08	6.23	6.72	10.52	7.15	7.64	12.06	7.58	8.08	13.61	7.99	8.49	15.34	8.44	8.94
	5	6.90	5.48	5.98	8.51	5.97	6.49	9.95	6.92	7.41	11.51	7.37	7.86	13.05	7.77	8.27	14.87	8.26	8.75
	6	6.12	5.18	5.67	7.85	5.74	6.24	9.37	6.69	7.18	10.97	7.16	7.66	12.49	7.56	8.06	14.36	8.06	8.56
	7	5.24	4.84	5.24	7.14	5.47	5.96	8.82	6.49	6.98	10.36	6.93	7.43	11.96	7.36	7.86	13.78	7.85	8.35
	8	4.16	4.16	4.16	6.08	5.07	5.56	8.00	6.18	6.67	9.76	6.71	7.20	11.36	7.14	7.63	13.19	7.63	8.12
	9	2.88	2.88	2.88	4.97	4.66	4.97	7.02	5.81	6.31	8.82	6.36	6.85	10.73	6.91	7.40	12.60	7.41	7.91
KXB50MPVC /H-CW	4	9.31	7.04	7.55	11.00	7.72	8.24	12.64	8.89	9.41	14.26	9.52	10.04	16.21	10.14	10.67	18.16	10.75	11.27
	5	7.92	6.20	6.67	9.71	6.96	7.45	11.47	8.20	8.69	13.18	8.88	9.38	15.20	9.58	10.09	17.21	10.22	10.74
	6	6.55	5.42	5.86	8.56	6.32	6.78	10.38	7.58	8.06	12.13	8.31	8.79	14.18	9.02	9.52	16.20	9.69	10.19
	7	4.29	3.75	4.19	7.11	5.52	5.96	9.16	6.90	7.36	11.04	7.72	8.19	13.20	8.50	9.01	15.29	9.23	9.71
	8	3.08	2.48	3.00	5.76	4.64	5.75	7.64	6.07	6.50	9.77	7.03	7.48	12.09	7.92	8.39	14.28	8.71	9.18
	9	1.60	1.29	1.60	4.20	3.08	4.02	6.45	5.20	6.40	8.19	6.18	6.61	10.08	7.24	7.70	13.15	8.13	8.59

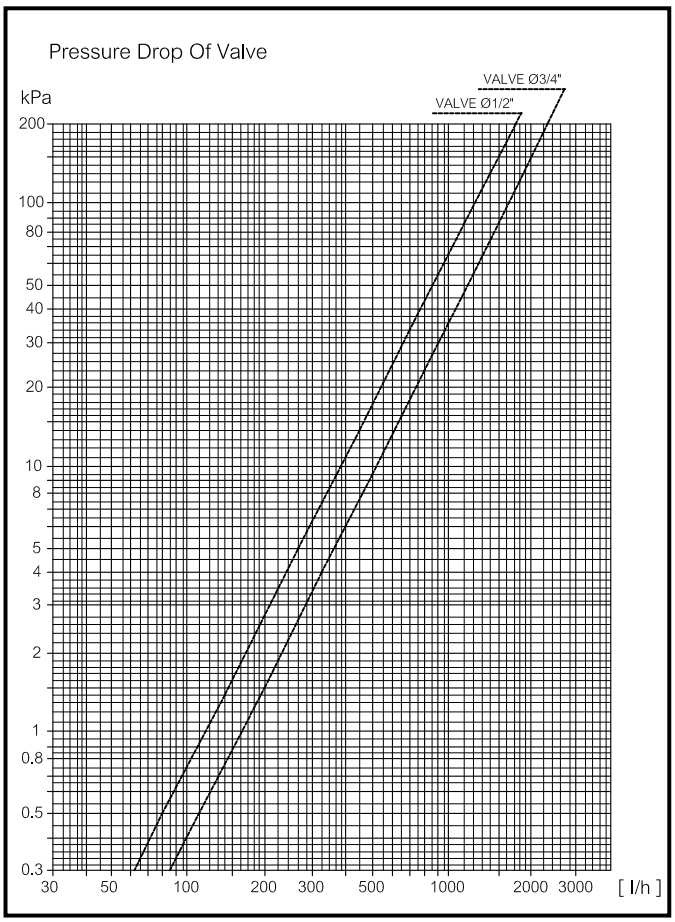
PRESSURE DROP & CORRECTION FACTOR

Fin Power

KX-SERIES

FOR MODEL :KX10 – 24 (2 Pipe)



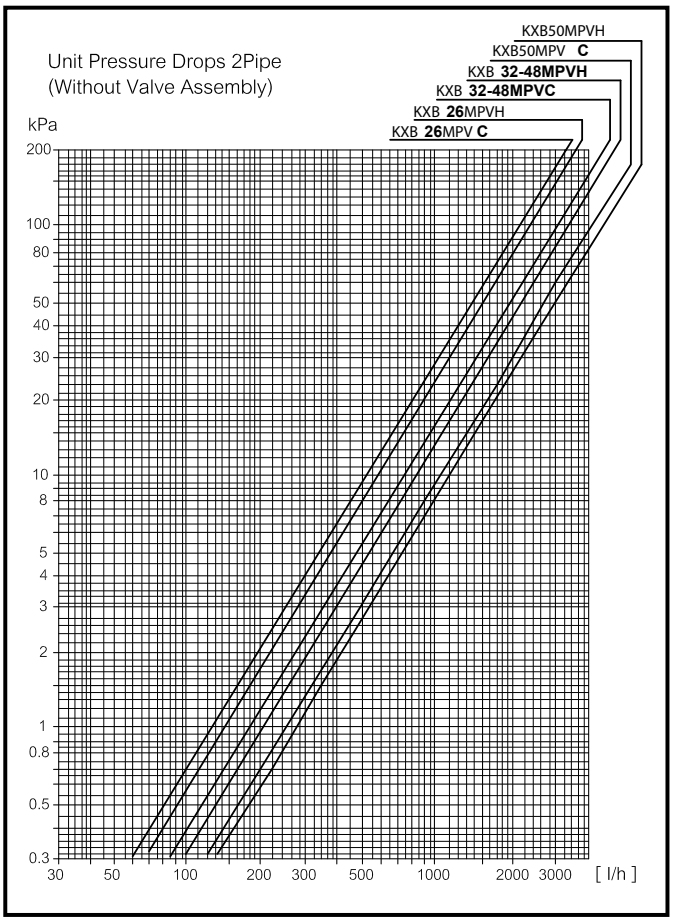


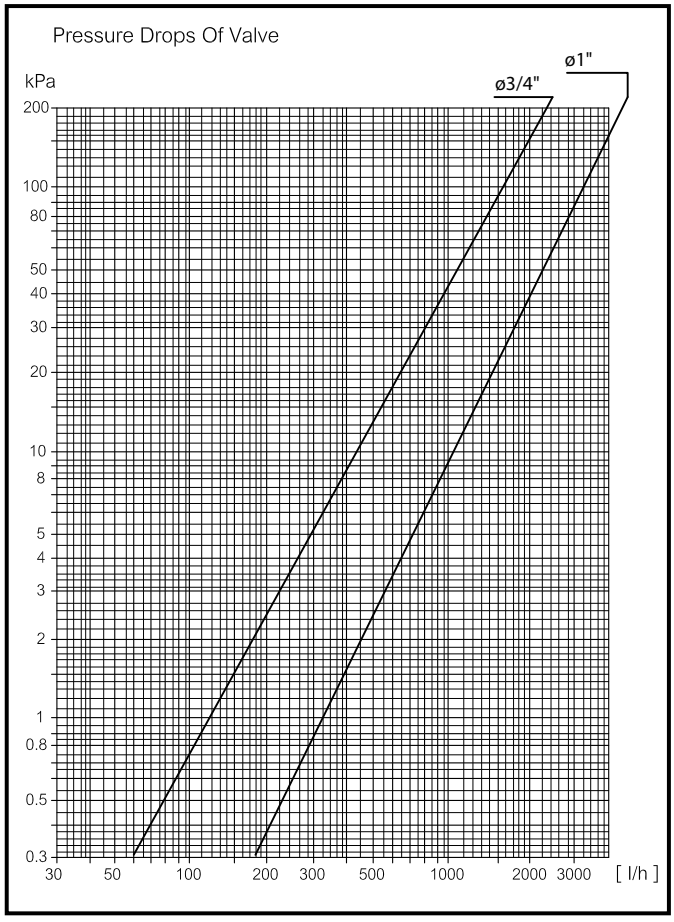
MODEL	CAPACITY	FAN SPEED			
		T	H	M	L
KX10MPVC/H-CWB	TOTAL	1	0.799	0.434	0.394
	SENSIBLE	1	0.802	0.517	0.449
KX13MPVC/H-CWB	TOTAL	1	0.759	0.483	0.430
	SENSIBLE	1	0.761	0.530	0.456
KX18MPVC/H-CWB	TOTAL	1	0.779	0.632	0.377
	SENSIBLE	1	0.773	0.623	0.414
KX24MPVC/H-CWB	TOTAL	1	0.868	0.782	0.603
	SENSIBLE	1	0.865	0.778	0.600
KX10MRVH-CWB	TOTAL	1	0.818	0.652	0.423
	SENSIBLE	1	0.818	0.655	0.471
KX13MRVH-CWB	TOTAL	1	0.785	0.523	0.463
	SENSIBLE	1	0.785	0.564	0.487
KX18MRVH-CWB	TOTAL	1	0.821	0.668	0.419
	SENSIBLE	1	0.810	0.658	0.451
KX24MRVH-CWB	TOTAL	1	0.882	0.822	0.676
	SENSIBLE	1	0.878	0.812	0.661

PRESSURE DROP & CORRECTION FACTOR

KX-SERIES

FOR MODEL :KX10B26 - 48 (2 Pipe)

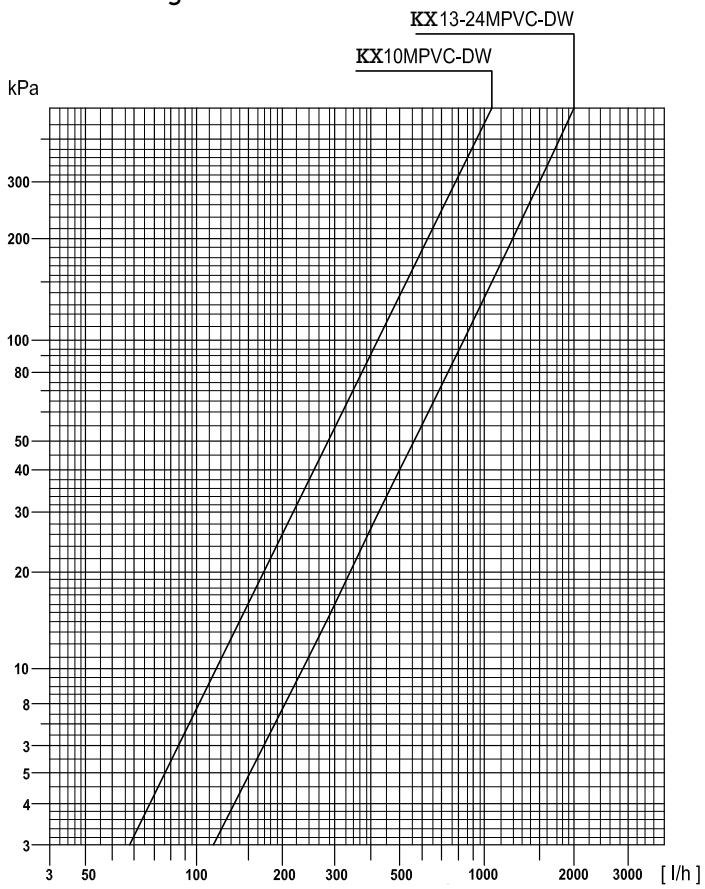




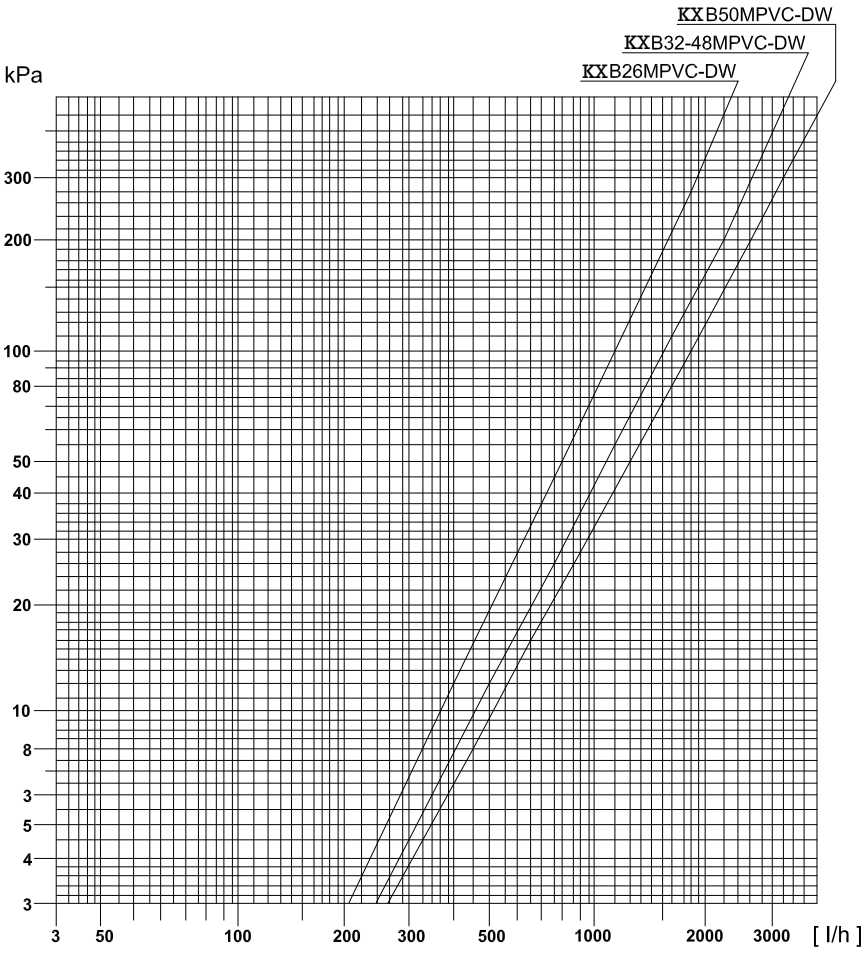
MODEL	CAPACITY	FAN SPEED			
		T	H	M	L
KXB26MPVC/H-CW	TOTAL	1	0.870	0.782	0.711
	SENSIBLE	1	0.853	0.755	0.673
KXB32MPVC/H-CW	TOTAL	1	0.832	0.747	0.658
	SENSIBLE	1	0.807	0.711	0.617
KXB36MPVC/H-CW	TOTAL	1	0.854	0.750	0.652
	SENSIBLE	1	0.835	0.720	0.614
KXB48MPVC/H-CW	TOTAL	1	0.843	0.742	0.635
	SENSIBLE	1	0.823	0.710	0.596
KXB50MPVC/H-CW	TOTAL	1	0.840	0.705	0.612
	SENSIBLE	1	0.817	0.676	0.592
KXB26MRVH-CW	TOTAL	1	0.856	0.780	0.708
	SENSIBLE	1	0.831	0.743	0.663
KXB32MRVH-CW	TOTAL	1	0.903	0.817	0.749
	SENSIBLE	1	0.902	0.817	0.747
KXB36MRVH-CW	TOTAL	1	0.897	0.774	0.682
	SENSIBLE	1	0.888	0.754	0.653
KXB48MRVH-CW	TOTAL	1	0.881	0.758	0.647
	SENSIBLE	1	0.869	0.737	0.621
KXB50MRVH-CW	TOTAL	1	0.881	0.740	0.638
	SENSIBLE	1	0.873	0.704	0.612

WATER PRESSURE DROP & CORRECTION FACTOR

District cooling units



MODEL	CAPACITY TEMP.	FAN SPEED			
		T	H	M	L
KX10MPVC-DW	TOTAL	1	0.812	0.714	0.374
	SENSIBLE	1	0.813	0.701	0.430
KX13MPVC-DW	TOTAL	1	0.787	0.636	0.519
	SENSIBLE	1	0.785	0.634	0.519
KX18MPVC-DW	TOTAL	1	0.783	0.635	0.517
	SENSIBLE	1	0.781	0.632	0.515
KX24MPVC-DW	TOTAL	1	0.877	0.798	0.635
	SENSIBLE	1	0.736	0.669	0.530



MODEL	CAPACITY TEMP.	FAN SPEED			
		T	H	M	L
KXB26MPVC-DW	TOTAL	1	0.918	0.858	0.815
	SENSIBLE	1	0.909	0.829	0.771
KXB32MPVC-DW	TOTAL	1	0.868	0.761	0.673
	SENSIBLE	1	0.801	0.701	0.620
KXB36MPVC-DW	TOTAL	1	0.848	0.776	0.680
	SENSIBLE	1	0.792	0.717	0.624
KXB48MPVC-DW	TOTAL	1	0.829	0.764	0.652
	SENSIBLE	1	0.770	0.704	0.599
KXB50MPVC-DW	TOTAL	1	0.852	0.743	0.646
	SENSIBLE	1	0.820	0.691	0.606

FAN COIL UNIT

RM-SERIES

WALL MOUNTED TYPE

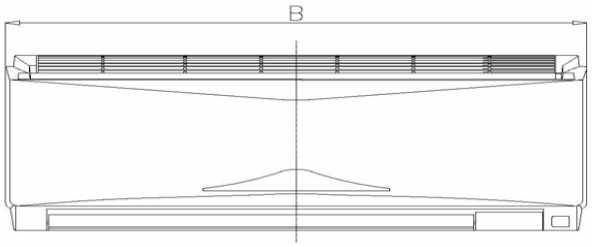
STANDARD COOLING CAPACITY 2810 - 6100 WATTS
DISTRICT COOLING CAPACITY 2440 - 4790 WATTS

JUMBO

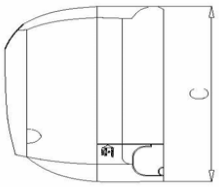
STANDARD COOLING CAPACITY 7440- 10120 WATTS
DISTRICT COOLING CAPACITY 5340- 8030 WATTS

DIMENSIONAL DRAWINGS

RM-SERIES



FRONT VIEW

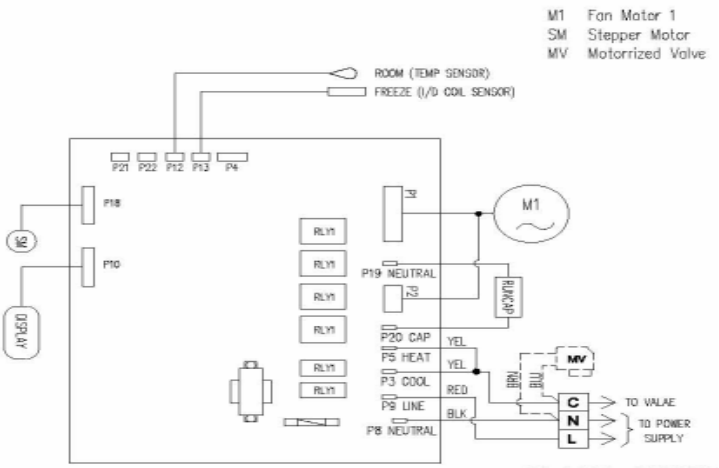


RIGHT VIEW

Wiring Diagram With

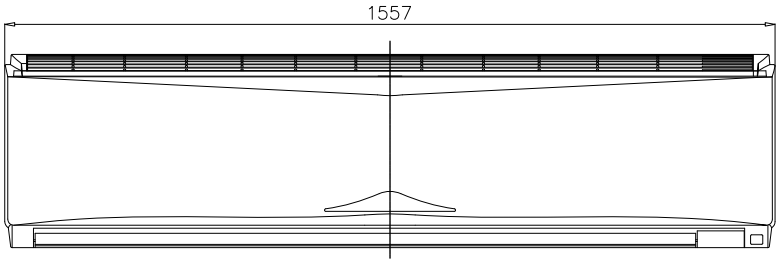
LCD Wireless Control

BOTTOM VIEW

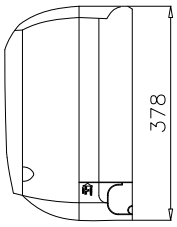


MODEL	A (mm.)	B (mm.)	C (mm.)
RM10-13	245	824	315
RM18-24	245	1147	315

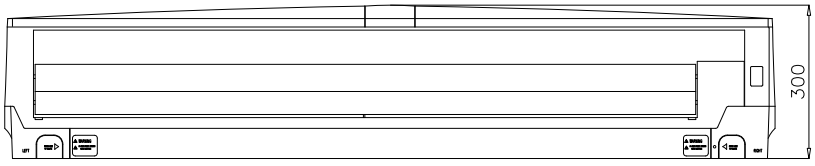
JUMBO



FRONT VIEW

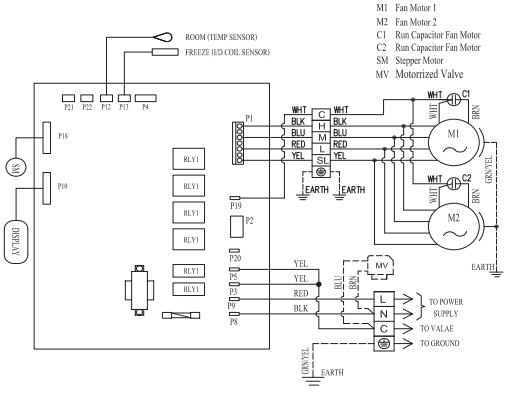


RIGHT VIEW



BOTTOM VIEW

Wiring Diagram



TECHNICAL SPECIFICATIONS RM-SERIES

MODEL			RM10MPVC/		RM13MPVC/		RM18MPVC/		RM24MPVC/	
			-CWA	-DWA	-CWA	-DWA	-CWA	-DWA	-CWA	-DWA
Chilled water cooling (A)	Total Capacity	(Watts)	2810	2440	3725	2880	4850	3830	6100	4790
	Sensible Capacity	(Watts)	1944	1620	2510	1930	3366	2535	4170	3143
	Water flow rate	(l/hr)	480	233	640	275	830	365	1047	457
	Pressure drop	(Kpa)	23.1	37.5	31.3	26.1	31.0	40.7	38.4	44.5
Hot water heating (B)	Capacity	(Watts)	4170	3730	4854	4265	6420	5686	7810	6964
Hot water heating (C)	Capacity	(Watts)	7270	-	8250	-	10980	-	13250	-
	Water flow rate	(l/hr)	638	-	724	-	963	-	1163	-
	Pressure drop	(Kpa)	34.8	-	34.7	-	38.5	-	44.2	-
Inlet and Outlet Pipe Connection	Type		Male Water Pipe Thread							
	Diameter Nominal	(Inch)	1/2		1/2		1/2		1/2	
Drain Connection	Out side diameter	(mm.)	16		16		16		16	
Evaporator Coil	Face area	(m^2)	0.1512		0.2142		0.2318		0.3284	
	Row		2		2		2		2	
	Fin Type /Fin ^{3}itch		Louver fin/1.21							
	No. of circuit		4	2	5	3	6	3	8	4
	Tube diameter	(mm.)	7 mm. smooth tube							
Fan	Type		Cross flow fan							
	Size Dia.X Leugth	(mm.)	Ø106x642		Ø106x642		Ø106x920		Ø106x920	
	No. of fan		1		1		1		1	
Fan Motor	Type		Permanent Split capacty							
	Power supply	(V/Ph/Hz)	220-240/1/50							
	Nominal output	(Watts)	20		20		24		24	
	Full load current	Amp.	0.3		0.3		0.3		0.3	
	RPM	Turbo	1340		1280		1320		1270	
		High	1150		1060		1220		1130	
		Medium	1080		1000		1110		1050	
		Low	980		980		990		940	
Air flow	Liter/second	Turbo	180		190		270		310	
		High	140		130		240		250	
		Medium	120		110		210		210	
		Low	100		100		170		170	
Sound Pressure level	dB(A)	Turbo	45		44		45		46	
		High	41		39		42		43	
		Medium	37		35		40		40	
		Low	34		30		36		35	
Dimensions	Height	(mm.)	315		315		315		315	
	Width	(mm.)	824		824		1147		1147	
	Depth	(mm.)	245		245		245		245	
Net Weight		(Kg)	11		12		16		17	

Note :

A - Cooling capacity

For standard cooling unit (-CW) is based on : inlet water temp.7° C;Outlet water temp.12°C; Inlet air temp.27° C DB, 19°C WB at turbo fan speed.

For district cooling unit (-DW) is based on : inlet water temp.5.5°C;Outlet water temp.14.5°C; Inlet air temp.24°C DB, 17.8°C WB at turbo fan speed.

B - Heating capacity is based on : Inlet water temp.50°C;Same water flow as in cooling ;Inlet air temp. 20°C DB at turbo fan speed.

C - Heating capacity is based on : Inlet water temp. 70°C;Outlet water temp.60°C; Inlet air temp. 20°C DB at turbo fan speed.

TECHNICAL SPECIFICATIONS RM-SERIES

Jumbo High Wall

MODEL			RM32MPVC/		RM36MPVC/		RM48MPVC/		RM60MPVC/	
			-CWA	-DWA	-CWA	-DWA	-CWA	-DWA	-CWA	-DWA
Chilled water cooling (A)	Total Capacity	(Watts)	7440	5340	8000	5870	9310	7220	10120	8030
	Sensible Capacity	(Watts)	5075	3530	5494	3885	6249	4696	6829	5290
	Water flow rate	(l/hr)	1278	510	1374	560	1599	689	1738	766
	Pressure drop	(Kpa)	27.4	25.5	31.2	30.3	30.0	26.8	28.8	32.4
Hot water heating (B)	Capacity	(Watts)	9440	8180	10330	8970	11270	10080	12500	11210
Hot water heating (C)	Capacity	(Watts)	16000	_	17560	_	18960	_	21100	_
	Water flow rate	(l/hr)	1403	_	1540	_	1664	_	1850	_
	Pressure drop	(Kpa)	28.0	_	32.4	_	27.6	_	24.4	_
Inlet and Outlet Pipe Connection	Type		Male Water Pipe Thread							
	Diameter Nominal	(Inch)	3/4		3/4		3/4		3/4	
Drain Connection	Out side diameter	(mm.)	16		16		16		16	
Evaporator Coil	Face area	(m^2)	0.3843		0.3843		0.5636		0.5636	
	Row		2		2		2		2	
	Fin Type /Fin ³itch		Louver fin/1.21							
	No. of circuit		9	5	9	5	12	7	13	7
	Tube diameter	(mm.)	7 mm. smooth tube							
Fan	Type		Cross flow fan							
	Size Dia.X Leugth	(mm.)	Ø120 x 577		Ø120 x 577		Ø120 x 577		Ø120 x 577	
	No. of fan		2		2		2		2	
Fan Motor	Type		Permanent Split capacty							
	Power supply	(V/Ph/Hz)	220-240/1/50							
	Nominal output	(Watts)	24x2		48x2		24x2		48x2	
	Full load current	Amp.	0.3x2		0.44 x 2		0.3x2		0.44x2	
	RPM	Turbo	1260		1420		1250		1390	
		High	1130		1380		1160		1320	
		Medium	1010		1350		1070		1270	
		Low	880		1300		920		1240	
Air flow	Liter/second	Turbo	450		490		470		540	
		High	390		460		430		510	
		Medium	330		450		380		490	
		Low	250		440		270		460	
Sound Pressure level	dB(A)	Turbo	47		48		47		49	
		High	45		47		44		48	
		Medium	44		46		41		47	
		Low	42		45		38		46	
Dimensions	Height	(mm.)	378		378		378		378	
	Width	(mm.)	1557		1557		1557		1557	
	Depth	(mm.)	300		300		300		300	
Net Weight		(Kg)	24		26		27		29	

Note :

A - Cooling capacity

For standard cooling unit (-CW) is based on : inlet water temp.7° C;Outlet water temp.12°C; Inlet air temp.27° C DB, 19°C WB at turbo fan speed.

For district cooling unit (-DW) is based on : inlet water temp.5.5°C;Outlet water temp.14.5°C; Inlet air temp.24°C DB, 17.8°C WB at turbo fan speed.

B - Heating capacity is based on : Inlet water temp.50°C;Same water flow as in cooling ;Inlet air temp. 20°C DB at turbo fan speed.

C - Heating capacity is based on : Inlet water temp. 70°C;Outlet water temp.60°C; Inlet air temp. 20°C DB at turbo fan speed.

STANDARD COOLING - Model: RM10MPVC/H-CWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW L/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
6	TURBO	180	4	3528	2320	757	47.2	3035	1925	651	38.3
			5	3264	2172	560	30.4	2752	1771	472	22.4
			6	2970	2009	425	18.5	2422	1594	347	14.3
	HIGH	140	4	2916	1910	626	36.2	2508	1586	538	28.3
			5	2694	1786	463	21.6	2266	1454	389	16.6
			6	2436	1645	349	14.5	1958	1291	280	10.5
	MEDIUM	120	4	2586	1690	555	29.9	2224	1404	477	22.9
			5	2386	1579	410	17.8	2000	1283	343	14.1
			6	2143	1447	307	12.1	1697	1123	243	8.3
	LOW	100	4	2237	1459	480	23.1	1922	1211	412	17.6
			5	2057	1360	353	14.7	1714	1100	294	11.3
			6	1823	1233	261	9.4	1142	824	163	4.5
7	TURBO	180	4	3246	2180	696	42.1	2748	1784	590	33.2
			5	2810	1944	480	23.1	2280	1541	391	16.7
			6	2372	1720	339	13.9	1694	1256	242	8.3
	HIGH	140	4	2682	1795	576	31.8	2270	1469	487	23.6
			5	2312	1595	397	17.0	1855	1254	319	12.8
			6	1914	1392	274	10.1	1133	916	162	4.5
	MEDIUM	120	4	2379	1589	511	25.7	2012	1300	432	19.0
			5	2153	1463	370	15.6	1621	1098	278	10.4
			6	1642	1207	235	7.9	1062	835	152	4.1
	LOW	100	4	2057	1371	442	19.8	1738	1120	373	15.7
			5	1881	1272	323	13.0	1360	928	233	7.7
			6	1197	942	171	4.9	980	747	140	3.6
8	TURBO	180	4	2786	1951	598	33.9	2278	1553	489	23.6
			5	2388	1740	410	17.8	1812	1316	311	12.3
			6	1930	1508	276	10.3	1024	946	147	3.9
	HIGH	140	4	2306	1605	495	24.2	1882	1277	404	17.4
			5	1962	1425	337	13.8	1442	1057	248	8.6
			6	1195	1063	171	4.9	934	815	134	3.4
	MEDIUM	120	4	2046	1420	439	19.5	1666	1127	358	14.9
			5	1726	1253	296	11.4	1013	819	174	5.1
			6	1120	966	160	4.4	878	742	126	3.1
	LOW	100	4	1769	1225	380	16.1	1432	369	307	12.1
			5	1464	1068	252	8.9	933	731	160	4.4
			6	1033	861	148	3.9	814	664	116	2.7

STANDARD COOLING - Model : RM13MPVC/H-CWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW L/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
6	TURBO	190	4	4346	2837	932	53.6	3754	2365	805	43.8
			5	4054	2673	696	35.5	3442	2194	591	28.5
			6	3730	2492	534	23.7	3077	1996	440	17.5
	HIGH	130	4	3229	2099	693	35.3	2719	1751	599	28.6
			5	3008	1975	516	22.4	2544	1617	437	16.6
			6	2743	1829	392	14.4	2218	1443	317	10.6
	MEDIUM	110	4	2821	1831	605	29.1	2437	1527	523	23.0
			5	2622	1720	450	17.5	2210	1404	379	13.7
			6	2372	1583	339	11.8	1511	1059	216	5.7
	LOW	100	4	2608	1692	559	25.9	2252	1410	483	19.9
			5	2420	1587	415	15.4	2033	1292	349	12.4
			6	2173	1453	311	10.2	1533	1038	219	5.8
7	TURBO	190	4	4005	2670	860	48.0	3408	2194	731	38.2
			5	3725	2510	640	31.3	3100	2024	532	23.5
			6	3051	2152	437	16.4	2303	1623	330	11.4
	HIGH	130	4	2977	1975	639	31.3	2532	1624	543	24.5
			5	2748	1846	472	19.0	2275	1483	391	14.3
			6	2196	1557	314	10.4	1424	1073	204	5.2
	MEDIUM	110	4	2600	1722	558	25.7	2210	1415	474	19.2
			5	2384	1606	411	15.2	1966	1283	338	11.7
			6	1598	1214	229	6.3	1314	966	188	4.5
	LOW	100	4	2404	1591	516	22.3	2042	1307	438	16.6
			5	2207	1481	379	13.7	1803	1178	310	10.1
			6	1520	1140	218	5.8	1253	909	179	4.3
8	TURBO	190	4	3475	2399	746	39.3	2861	1919	614	29.8
			5	3030	2159	521	22.5	2354	1656	404	14.9
			6	2542	1907	364	13.1	1387	1202	199	4.9
	HIGH	130	4	2596	1779	557	25.5	2128	1418	457	17.8
			5	2234	1586	384	14.0	1666	1187	286	8.9
			6	1500	1235	215	5.7	1184	954	170	4.0
	MEDIUM	110	4	2266	1550	486	20.0	1850	1233	397	14.6
			5	1932	1373	332	11.5	1248	943	214	5.6
			6	1384	1109	198	4.8	1097	860	157	3.6
	LOW	100	4	2094	1432	450	17.3	1703	1135	366	13.2
			5	1768	1260	304	9.7	1189	887	204	5.2
			6	1318	1042	189	4.5	1048	809	150	3.3

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (l/hr) / PD = Water Pressure Drop (kPa)

STANDARD COOLING - Model: RM18MPVC/H-CWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
6	TURBO	270	4	6079	4006	1304	65.3	5230	3324	1122	51.6
			5	5629	3754	966	38.2	4753	3064	816	30.2
			6	5150	3487	737	26.0	4227	2779	605	19.2
	HIGH	240	4	5574	3665	1196	57.2	4796	3043	1029	42.8
			5	5161	3434	886	33.9	4356	2803	748	26.5
			6	4706	3182	673	22.7	3850	2530	551	16.8
	MEDIUM	210	4	5043	3309	1082	47.9	4340	2748	931	36.3
			5	4669	3100	801	29.4	3937	2529	676	22.9
			6	4246	2866	607	19.3	3455	2270	494	13.8
	LOW	170	4	4290	2807	920	35.7	3692	2332	792	28.9
			5	3967	2627	681	23.1	3337	2140	573	18.1
			6	3589	2419	513	14.8	2887	1900	413	10.0
7	TURBO	270	4	5592	3765	1200	57.5	4737	3081	1017	41.7
			5	4850	3366	830	31.0	3960	2678	680	23.1
			6	4135	2996	592	19.0	3091	2246	442	11.2
	HIGH	240	4	5127	3445	1100	50.0	4344	2820	932	36.4
			5	4442	3077	763	27.3	3617	2442	621	20.1
			6	3777	2731	541	16.2	2767	2024	396	9.9
	MEDIUM	210	4	4640	3111	996	39.8	3931	2546	844	31.7
			5	4015	2774	689	23.5	3253	2194	559	17.2
			6	3392	2452	485	13.3	1663	1463	238	4.4
	LOW	170	4	3947	2638	847	31.8	3343	2160	717	24.9
			5	3557	2422	611	19.5	2729	1841	469	12.5
			6	2821	2048	404	9.9	1541	1292	221	3.8
8	TURBO	270	4	4795	3372	1029	42.8	3928	2687	843	31.6
			5	4129	3014	709	24.5	3174	2298	545	16.4
			6	3417	2648	489	13.4	1967	1930	260	5.0
	HIGH	240	4	4403	3085	945	37.1	37	2458	774	27.9
			5	3786	2755	650	21.5	2893	2093	497	13.8
			6	3098	2404	444	11.2	1770	1737	211	3.5
	MEDIUM	210	4	3990	2785	856	32.3	3264	2218	701	24.0
			5	3421	2483	588	18.7	2590	1875	445	11.3
			6	2747	2143	393	9.8	1363	1305	195	3.1
	LOW	170	4	3398	2360	730	25.6	2775	1878	596	19.2
			5	2894	2095	497	13.8	2124	1554	365	8.7
			6	1626	1502	233	4.2	1269	1151	182	2.8

STANDARD COOLING - Model: RM24MPVC/H-CWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
6	TURBO	310	4	7435	4873	1595	77.1	6411	4054	1375	60.6
			5	6914	4581	1187	47.6	5855	3750	1005	35.6
			6	6336	4259	906	30.2	5212	3402	746	22.3
	HIGH	250	4	6313	4125	1354	59.0	5445	3433	1168	46.3
			5	5867	3875	1007	35.7	4963	3171	852	27.6
			6	5361	3595	767	23.3	4378	2856	626	17.0
	MEDIUM	210	4	5511	3593	1182	47.2	4754	2992	1020	36.6
			5	5117	3373	878	28.9	4320	2756	741	22.0
			6	4654	3118	666	18.6	3758	2457	538	13.5
	LOW	170	4	4655	3029	999	35.2	4014	2522	861	28.0
			5	4312	2838	740	22.0	3624	2311	622	16.9
			6	3883	2603	556	14.3	2241	1647	321	6.0
7	TURBO	310	4	6846	4583	1469	67.7	5815	3760	1248	51.6
			5	6100	4170	1047	38.4	4892	3270	840	27.0
			6	5147	3672	737	21.8	3868	2762	554	14.2
	HIGH	250	4	5814	3879	1248	51.6	4938	3184	1060	39.2
			5	5381	3633	924	31.0	4440	2910	762	23.1
			6	4324	3082	619	16.8	2246	1884	321	6.0
	MEDIUM	210	4	5076	3379	1089	41.1	4309	2773	925	31.0
			5	4683	3157	804	25.2	3872	2534	665	18.6
			6	3704	2651	530	13.1	2099	1698	300	5.5
	LOW	170	4	4288	2848	920	30.8	3637	2336	780	24.0
			5	3935	2651	676	19.0	3229	2115	555	14.2
			6	2349	1886	336	6.5	1922	1494	275	4.8
8	TURBO	310	4	5906	4109	1268	52.9	4858	3284	1043	38.1
			5	5124	3688	880	29.0	3962	2821	681	19.2
			6	4271	3249	612	16.5	1989	1907	285	5.0
	HIGH	250	4	5022	3477	1078	40.4	4127	2777	886	29.3
			5	4343	3114	746	22.3	3310	2362	569	14.8
			6	3522	2700	504	11.9	1849	1680	265	4.5
	MEDIUM	210	4	4401	3034	945	31.8	3599	2416	773	23.6
			5	3774	2702	648	17.9	2808	2019	482	11.0
			6	2214	1969	317	5.9	1735	1513	248	4.0
	LOW	170	4	3721	2557	800	25.0	3027	2029	650	18.0
			5	3147	2257	541	13.5	1830	1463	314	5.8
			6	2025	1726	290	5.2	1596	1331	228	3.5

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (1/hr) / PD = Water Pressure Drop (kPa)

STANDARD COOLING - Model: RM32MPVC/H-CWA - JUMBO

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
6	TURBO	450	4	8992	5891	1929	56.4	7761	4904	1665	44.0
			5	8378	5546	1438	34.0	7109	4547	1220	25.4
			6	7708	5171	1103	21.1	6371	4146	911	16.3
	HIGH	390	4	8073	5278	1732	47.0	6970	4396	1495	36.5
			5	7522	4986	1291	28.1	6380	4073	1095	20.9
			6	6912	4628	989	17.4	5697	3703	815	13.9
	MEDIUM	330	4	7100	4632	1523	37.7	6132	3859	1315	29.1
			5	6616	4360	1136	22.2	5606	3573	962	16.9
			6	6064	4053	868	15.2	4971	3231	711	11.3
	LOW	250	4	5703	3709	1223	25.5	4926	3092	1057	19.7
			5	5305	3486	911	16.3	4480	2850	769	12.7
			6	4824	3222	690	10.7	3875	2529	554	7.7
7	TURBO	450	4	8283	5542	1778	49.0	7042	4550	1511	37.2
			5	7440	5075	1278	27.4	6243	4114	1072	20.0
			6	6307	4474	903	16.1	4836	3406	692	10.8
	HIGH	390	4	7437	4964	1596	40.9	6324	4078	1357	30.6
			5	6866	4641	1179	23.7	5731	3750	984	17.2
			6	5642	3994	807	13.7	4257	3012	609	9.0
	MEDIUM	330	4	6543	4357	1404	32.5	5564	3580	1194	24.3
			5	6063	4085	1041	19.0	5036	3289	865	15.1
			6	4924	3484	705	11.1	3567	2563	511	6.8
	LOW	250	4	5256	3489	1128	22.0	4468	2867	959	16.9
			5	4846	3258	832	14.3	4005	2614	688	10.7
			6	3827	2729	548	7.6	2181	1753	312	3.3
8	TURBO	450	4	7154	4972	1536	38.3	5900	3980	1267	26.9
			5	6244	4478	1073	20.0	4869	3444	836	14.4
			6	5281	3977	756	12.4	3486	2761	499	6.5
	HIGH	390	4	6429	4453	1380	31.4	5301	3564	1138	22.3
			5	5607	4008	963	16.9	4349	3073	747	12.2
			6	4697	3539	673	10.4	2111	2039	302	3.2
	MEDIUM	330	4	5681	3917	1220	25.4	4666	3128	1002	17.7
			5	4926	3511	846	14.6	3782	2675	650	9.9
			6	4044	3064	579	8.3	1999	1847	286	3.0
	LOW	250	4	4577	3140	983	17.1	3745	2501	804	13.6
			5	3923	2793	674	10.4	2080	1719	357	3.9
			6	2299	2031	329	3.5	1808	1565	259	2.6

STANDARD COOLING - Model : RM36MPVC/H-CWA - JUMBO

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
6	TURBO	450	4	9838	6458	2111	62.5	8487	5373	1820	51.0
			5	9164	6078	1573	39.9	7777	4984	1335	29.8
			6	8435	5670	1207	24.8	6984	4551	999	17.7
	HIGH	390	4	9388	6157	2014	59.2	8102	5124	1738	47.3
			5	8748	5796	1502	36.8	7423	4752	1274	27.4
			6	8050	5405	1152	22.8	6660	4336	953	16.8
	MEDIUM	330	4	9237	6055	1982	58.1	7971	5040	1710	46.0
			5	8605	5700	1477	35.7	7304	4674	1254	26.6
			6	7918	5315	1133	22.2	6549	4263	937	16.6
	LOW	250	4	9083	5953	1949	57.0	7839	4955	1681	44.7
			5	8464	5603	1453	34.6	7182	4595	1233	25.8
			6	7786	5224	1114	21.5	6437	4190	921	16.4
7	TURBO	450	4	9060	6074	1944	56.9	7700	4986	1653	43.5
			5	8000	5494	1374	31.2	6527	4361	1121	21.7
			6	6910	4914	989	17.4	5343	3760	765	12.6
	HIGH	390	4	8647	5791	1855	52.7	7351	4755	1578	40.1
			5	7703	5270	1323	29.2	6342	4212	1089	20.6
			6	6590	4680	943	16.7	5075	3572	726	11.7
	MEDIUM	330	4	8508	5696	1826	51.3	7232	4676	1552	39.0
			5	7610	5199	1307	28.5	6282	4164	1079	20.2
			6	6482	4601	928	16.5	4984	3508	713	11.3
	LOW	250	4	8367	5599	1796	49.8	7114	4597	1527	37.9
			5	7506	5122	1289	27.8	6294	4151	1081	20.3
			6	6373	4521	912	16.3	4891	3444	700	11.0
8	TURBO	450	4	7818	5452	1679	44.6	6445	4362	1384	31.5
			5	6822	4910	1172	23.4	5338	3783	917	16.4
			6	5805	4377	831	14.3	3970	3106	569	8.1
	HIGH	390	4	7466	5197	1603	41.2	6156	4159	1322	29.0
			5	6514	4680	1119	21.5	5091	3603	875	15.4
			6	5529	4165	792	13.3	3693	2918	529	7.2
	MEDIUM	330	4	7348	5111	1578	40.1	6059	4091	1301	28.2
			5	6412	4603	1102	21.0	5006	3542	860	14.9
			6	5433	4093	778	12.9	3589	2850	514	6.9
	LOW	250	4	7227	5024	1552	39.0	5958	4021	1279	27.4
			5	6304	4524	1083	20.3	4921	3481	846	14.6
			6	5338	4020	764	12.6	3475	2778	498	6.5

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (l/hr) / PD = Water Pressure Drop (kPa)

STANDARD COOLING - Model: RM48MPVC H-CWA - JUMBO

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW L/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
6	TURBO	450	4	10834	7053	2324	54.6	9383	5892	2013	43.8
			5	10154	6669	1743	34.8	8654	5491	1485	26.7
			6	9401	6246	1345	22.7	7819	5036	1119	16.3
	HIGH	390	4	10112	6576	2169	49.0	8759	5495	1879	39.3
			5	9478	6218	1627	30.9	8078	5121	1387	24.1
			6	8767	5820	1254	20.0	7277	4685	1041	14.3
	MEDIUM	330	4	9177	5959	1968	42.3	7951	4981	1706	33.5
			5	8600	5634	1476	26.5	7326	4639	1258	20.2
			6	7944	5268	1137	16.8	6569	4229	940	12.7
	LOW	250	4	6967	4510	1495	27.0	6035	3771	1295	21.3
			5	6515	4256	1118	16.3	5524	3493	948	12.8
			6	5960	3951	853	11.0	3421	2467	489	4.7
7	TURBO	450	4	9994	6640	2145	48.2	8529	5471	1830	37.7
			5	9310	6249	1599	30.0	7784	5059	1337	22.4
			6	7790	542	1115	16.1	6040	4157	865	11.2
	HIGH	390	4	9329	6190	2002	43.4	7963	5103	1709	33.6
			5	8682	5822	1491	26.9	7256	4712	1246	19.7
			6	7253	5044	1038	14.2	5572	3845	797	9.9
	MEDIUM	330	4	8467	5610	1817	27.2	7228	4626	1551	28.6
			5	7877	5275	1353	22.9	6575	4265	1129	16.5
			6	6550	4554	938	12.6	4922	3424	705	8.1
	LOW	250	4	6428	4245	1379	23.7	5484	3500	1177	17.9
			5	5959	3980	1023	13.9	4938	3202	848	10.9
			6	4784	3357	685	7.7	2943	2243	421	3.8
8	TURBO	450	4	8775	6013	1884	39.5	7237	4813	1554	28.7
			5	7673	5410	1318	21.7	6041	4187	1038	14.2
			6	6574	4836	941	12.7	3037	2797	435	3.9
	HIGH	390	4	8189	5604	1758	35.3	6759	4488	1451	25.8
			5	7165	5042	1231	19.2	5621	3894	966	13.1
			6	6101	4491	874	11.4	2943	2652	421	3.8
	MEDIUM	330	4	7420	5072	1593	29.8	6134	4067	1317	21.7
			5	6497	4565	1116	16.1	5065	3511	870	11.3
			6	5467	4037	783	9.6	2813	2463	403	3.5
	LOW	250	4	5709	3877	1226	19.1	4705	3103	1010	13.5
			5	4883	3428	839	10.7	2797	2192	480	4.5
			6	3098	2584	444	4.1	2453	2001	351	2.8

STANDARD COOLING - Model: RM60MPVC H-CWA - JUMBO

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW L/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
6	TURBO	450	4	11832	7732	2538	53.0	10220	6443	2192	42.2
			5	11038	7285	1895	33.0	9370	5977	1608	25.5
			6	10155	6792	1453	21.4	8387	5444	1200	15.8
	HIGH	390	4	11328	7396	2430	49.6	9786	6164	2099	39.3
			5	10566	6968	1814	30.4	8968	5717	1539	24.3
			6	9715	6494	1390	20.6	8011	5199	1146	14.6
	MEDIUM	330	4	10985	7168	2356	47.3	9491	5975	2036	37.4
			5	10246	6753	1759	29.2	8696	5541	1493	22.7
			6	9419	6292	1348	19.5	7758	5034	1110	13.7
	LOW	250	4	10462	6822	2244	43.9	9039	5687	1939	34.4
			5	9757	6426	1675	27.3	8278	5271	1421	21.2
			6	8960	5982	1282	17.8	7366	4779	1054	12.5
7	TURBO	450	4	10904	7274	2340	46.8	9277	5978	1991	36.0
			5	10120	6829	1738	28.8	8454	5521	1452	21.4
			6	8314	5870	1190	15.5	6320	4446	905	10.1
	HIGH	390	4	10440	6959	2241	43.8	8882	5719	1906	33.3
			5	9704	6539	1666	27.1	8076	5273	1387	20.5
			6	7944	5606	1137	14.3	5992	4226	858	9.2
	MEDIUM	330	4	10124	6745	2173	41.6	8615	5544	1849	31.5
			5	9400	6332	1614	25.7	7821	5106	1343	19.3
			6	7693	5427	1101	13.5	5759	4072	824	8.6
	LOW	250	4	9642	6418	2069	38.4	8205	5277	1761	29.2
			5	8941	6020	1535	24.1	7436	4852	1277	17.6
			6	7302	5151	1045	12.3	5386	3831	771	7.8
8	TURBO	450	4	9442	6531	2027	37.1	7784	5227	1671	27.2
			5	8246	5883	1417	21.2	6419	4520	1103	13.5
			6	6944	5210	994	11.2	3105	2990	445	3.3
	HIGH	390	4	9055	6253	1944	34.5	7455	5001	1601	25.4
			5	7893	5625	1356	19.6	6128	4315	1053	12.4
			6	6616	4968	948	10.6	3048	2891	437	3.2
	MEDIUM	330	4	8790	6063	1887	32.7	7230	4846	1552	24.5
			5	7653	5450	1315	18.5	5930	4175	1019	11.7
			6	6390	4802	915	10.2	3008	2823	431	3.2
	LOW	250	4	8385	5774	1800	30.0	6896	4615	1481	22.3
			5	7286	5183	1252	16.9	5622	3961	966	10.8
			6	6036	4546	864	9.3	2946	2720	42	3.0

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (l/hr) / PD = Water Pressure Drop (kPa)

DISTRICT COOLING - Model: RM10MPVC/H-DWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	180	8	3752	2480	403	99.1	3116	1992	334	71.4
			9	3142	2134	300	58.6	2440	1620	233	37.5
			10	2486	1768	214	32.1	1567	1168	135	14.2
	HIGH	140	8	3134	2062	336	72.1	2604	1658	279	51.9
			9	2640	1782	252	43.1	2029	1342	194	27.0
			10	2067	1465	178	23.1	943	817	81	5.8
	MEDIUM	120	8	2798	1837	300	58.6	2325	1477	249	42.5
			9	2480	1650	237	38.7	1796	1188	171	21.8
			10	1831	1298	157	18.7	894	750	77	5.3
	LOW	100	8	2440	1598	262	46.3	2026	1285	217	33.0
			9	2151	1429	205	30.0	1542	1022	147	16.6
			10	1568	1116	135	14.2	837	676	72	4.6
6.0	TURBO	180	8	3289	2230	353	78.3	2624	1729	282	52.5
			9	2720	1905	260	45.3	1955	1368	187	25.2
			10	2264	1659	195	27.1	900	869	77	5.3
	HIGH	140	8	2824	1892	303	59.7	2210	1448	237	38.7
			9	2273	1582	217	33.0	1609	1127	154	17.9
			10	1872	1369	161	19.4	835	756	72	4.6
	MEDIUM	120	8	2574	1712	276	50.7	2058	1332	221	34.1
			9	2030	1409	194	27.0	1407	991	134	14.1
			10	1648	1209	142	15.4	794	693	68	4.2
	LOW	100	8	2240	1487	240	39.4	1809	1167	194	27.0
			9	1765	1223	168	21.1	920	732	88	6.6
			10	1388	1031	119	11.4	745	625	64	3.8
6.5	TURBO	180	8	2911	2023	313	62.9	2218	1515	238	38.9
			9	2517	1806	240	39.4	1705	1247	163	19.8
			10	2027	1540	174	22.2	850	816	73	4.8
	HIGH	140	8	2462	1694	264	46.8	1853	1259	199	28.3
			9	2103	1500	201	28.7	1375	1015	131	13.5
			10	1659	1265	143	15.6	722	688	62	3.6
	MEDIUM	120	8	2207	1513	237	38.7	1650	1119	177	23.0
			9	1874	1333	179	23.4	1155	873	110	9.9
			10	1439	1108	124	12.1	689	631	59	3.3
	LOW	100	8	1929	1318	207	30.4	1429	968	153	17.8
			9	1623	1154	155	18.1	832	685	79	5.5
			10	963	839	83	5.9	648	570	56	2.9

DISTRICT COOLING - Model : RM13MPVC/H-DWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW L/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	190	8	4586	3029	492	74.8	3798	2428	408	52.8
			9	3801	2587	363	42.8	2880	1930	275	26.1
			10	2951	2123	253	22.6	1340	1188	115	5.5
	HIGH	130	8	3460	2272	371	44.7	2861	1821	307	31.9
			9	3027	2022	289	28.5	2106	1419	201	15.0
			10	2115	1544	182	12.5	1177	960	101	4.4
	MEDIUM	110	8	3041	1994	326	35.6	2510	1595	269	25.3
			9	2663	1776	254	22.6	1433	1066	137	7.6
			10	1491	1196	128	6.7	1105	873	95	3.9
	LOW	100	8	2821	1848	303	31.1	2324	1477	249	22.1
			9	2461	1641	235	19.7	1374	1006	131	7.0
			10	1431	1129	123	6.3	1064	826	91	3.7
6.0	TURBO	190	8	4000	2712	429	56.4	3173	2095	341	38.2
			9	3285	2310	314	32.9	2265	1620	216	17.0
			10	2653	1979	228	18.6	1186	1099	102	4.5
	HIGH	130	8	3177	2115	341	38.2	2417	1584	259	23.6
			9	2453	1720	234	19.6	1294	1039	123	6.3
			10	1477	1258	127	6.6	1046	888	90	3.6
	MEDIUM	110	8	2789	1855	299	30.4	2213	1435	238	20.2
			9	2127	1496	203	15.2	1210	943	115	5.6
			10	1380	1139	119	5.8	984	808	85	3.2
	LOW	100	8	2582	1717	277	26.5	2068	1338	222	17.9
			9	1947	1375	186	13.0	1162	891	111	5.2
			10	1326	1075	114	5.4	949	764	81	3.0
6.5	TURBO	190	8	3546	2465	381	465.0	2662	1831	286	27.9
			9	3026	2185	289	28.5	1874	1436	179	12.1
			10	2317	1815	199	14.6	1025	1001	88	3.4
	HIGH	130	8	2694	1856	289	28.5	1967	1354	211	16.3
			9	2242	1619	214	16.7	1170	974	112	5.2
			10	1354	1192	116	5.6	910	809	78	2.8
	MEDIUM	110	8	2364	1627	254	22.6	1683	1168	181	12.4
			9	1926	1401	184	12.7	1096	883	105	4.7
			10	1268	1079	109	5.0	858	736	74	2.5
	LOW	100	8	2188	1505	235	19.7	1252	950	134	7.3
			9	1744	1280	166	10.7	1054	835	100	4.4
			10	1218	1019	105	4.7	828	697	71	2.3

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (l/hr) / PD = Water Pressure Drop (kPa)

PERFORMANCE DATA RM-SERIES

DISTRICT COOLING -Model: RM18MPVC/H-DWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	270	8	5847	3865	627	97.2	4951	3121	531	75.3
			9	4902	3329	468	59.1	3830	2535	365	40.7
			10	3892	2763	334	34.7	2502	1845	215	15.8
	HIGH	240	8	5379	3548	577	87.2	4472	2852	480	62.5
			9	4498	3050	429	51.3	3516	2325	335	34.9
			10	3577	2533	307	29.9	2230	1663	192	12.9
	MEDIUM	210	8	4887	3216	525	73.7	4063	2586	436	52.5
			9	4129	2785	394	46.6	3175	2098	303	29.2
			10	3243	2291	279	25.1	1298	1202	111	4.9
	LOW	170	8	4183	2744	449	52.9	3478	2208	373	42.5
			9	3702	2461	353	38.4	2688	1776	256	21.7
			10	2751	1943	236	18.7	1216	1069	104	4.4
6.0	TURBO	270	8	5128	3476	551	80.5	4096	2698	440	52.6
			9	4249	2973	406	48.5	3067	2141	293	27.4
			10	3548	2593	305	29.4	2112	1641	181	11.7
	HIGH	240	8	4730	3196	508	69.5	3760	2473	404	48.4
			9	3911	2727	373	42.5	2811	1960	268	23.4
			10	3257	2375	280	25.2	1242	1213	107	4.5
	MEDIUM	210	8	4403	2950	473	60.7	3461	2264	371	42.0
			9	3554	2471	339	35.6	2536	1768	242	19.6
			10	2944	2145	253	21.1	1148	1114	99	3.9
	LOW	170	8	3844	2555	413	48.7	3119	2011	335	34.9
			9	3051	2111	291	27.2	2118	1486	202	14.2
			10	2480	1812	213	15.5	1079	990	93	3.5
6.5	TURBO	270	8	4542	3154	488	64.5	3467	2365	372	42.1
			9	3934	2818	376	42.6	2685	1954	256	21.7
			10	3184	2410	274	24.2	2049	1556	176	11.0
	HIGH	240	8	4208	2908	452	53.9	3193	2171	343	36.3
			9	3623	2587	346	36.8	2448	1784	234	18.3
			10	2914	2205	250	20.7	1208	1152	104	4.4
	MEDIUM	210	8	3845	2645	413	48.4	2901	1967	311	30.6
			9	3292	2343	314	31.0	2187	1600	209	15.0
			10	2621	1986	225	17.1	1084	1046	93	3.5
	LOW	170	8	3314	2266	356	38.8	2476	1675	266	23.1
			9	2811	1995	268	23.4	1751	1314	167	10.1
			10	2171	1662	187	12.2	935	903	80	2.7

DISTRICT COOLING - Model: RM24MPVC/H-DWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	310	8	7209	4735	774	111.8	6013	3818	645	80.8
			9	6325	4218	604	71.0	4790	3143	457	44.5
			10	4890	3415	420	38.3	3189	2299	274	17.8
	HIGH	250	8	6160	4032	661	84.6	5141	3255	552	60.4
			9	5463	3622	521	55.2	4368	2813	417	37.8
			10	4164	2900	358	28.6	1773	1558	152	6.2
	MEDIUM	210	8	5406	3530	580	66.0	4512	2851	484	49.0
			9	4790	3170	457	44.5	3808	2452	363	29.5
			10	3629	2528	312	22.4	1674	1413	144	5.6
	LOW	170	8	4596	2994	493	50.5	3834	2418	412	37.0
			9	4070	2688	388	33.2	3212	2069	306	21.7
			10	3028	2120	260	16.2	1551	1253	133	4.9
6.0	TURBO	310	8	6568	4381	705	95.2	5308	3435	570	64.0
			9	5346	3683	510	53.3	3871	2655	369	30.2
			10	4472	3209	384	32.4	1675	1627	144	5.6
	HIGH	250	8	5660	3755	608	71.9	4604	2961	494	50.7
			9	4595	3148	439	41.5	3275	2247	313	22.5
			10	3797	2721	326	24.2	1572	1443	135	5.0
	MEDIUM	210	8	4964	3286	533	57.2	4035	2591	433	40.5
			9	4035	2758	385	32.6	2823	1946	269	17.2
			10	3291	2364	283	18.7	1487	1309	128	4.5
	LOW	170	8	4223	2789	453	43.8	3422	2194	367	30.1
			9	3412	2330	326	24.2	1699	1352	162	7.0
			10	2696	1962	232	13.1	1382	1161	119	4.0
6.5	TURBO	310	8	5737	3923	616	73.8	4345	2921	467	46.2
			9	4929	3477	471	46.8	3402	2427	325	24.0
			10	4025	2986	246	26.8	1579	1527	136	5.0
	HIGH	250	8	4909	3344	527	56.2	3712	2486	399	34.7
			9	4217	2961	403	35.2	2842	2039	271	17.4
			10	3394	2522	292	19.8	1362	1316	117	3.9
	MEDIUM	210	8	4311	2929	463	45.5	3256	2176	350	27.4
			9	3694	2588	353	27.8	2382	1738	227	12.7
			10	2905	2177	250	15.0	1291	1193	111	3.5
	LOW	170	8	3658	2482	393	33.8	2744	1835	295	20.2
			9	3118	2185	298	20.5	1540	1269	147	5.8
			10	1781	1551	153	6.3	1204	1059	103	3.1

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (l/hr) / PD = Water Pressure Drop (kPa)

DISTRICT COOLING - Model: RM32MPVC/H-DWA - JUMBO

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	450	8	8219	5413	882	66.2	6830	4352	733	47.7
			9	6895	4664	658	39.2	5340	3530	510	25.5
			10	5435	3851	467	21.6	1996	1948	171	3.6
	HIGH	390	8	7404	4865	795	55.0	6153	3912	660	39.6
			9	6473	4324	617	35.1	4772	3157	455	20.7
			10	4871	3448	418	17.8	1919	1799	165	3.4
	MEDIUM	330	8	6537	4285	702	44.1	5431	3446	583	32.0
			9	5771	3837	551	29.2	4169	2760	398	16.3
			10	4248	3014	365	14.2	1890	1653	162	3.3
	LOW	250	8	5282	3451	567	30.6	4381	2773	470	21.9
			9	4639	3080	443	19.7	3242	2164	309	10.7
			10	2261	1924	194	4.8	1670	1403	143	2.6
6.0	TURBO	450	8	7292	4909	783	53.4	5774	3788	620	35.3
			9	5965	4155	569	30.8	4245	2969	405	16.8
			10	4932	3604	424	18.2	1899	1840	163	3.3
	HIGH	390	8	6785	4522	728	47.0	5381	3495	578	31.6
			9	5371	3731	513	25.8	3769	2645	360	13.8
			10	4399	3219	378	15.0	1828	1701	157	3.1
	MEDIUM	330	8	6002	3988	644	37.8	4862	3135	522	26.6
			9	4744	3287	453	20.5	3221	2284	307	10.6
			10	3802	2799	327	11.8	1622	1521	139	2.5
	LOW	250	8	4842	3209	520	26.5	3904	2515	419	17.9
			9	3787	2626	361	13.9	1832	1513	175	3.8
			10	2091	1835	180	4.1	1488	1301	128	2.1
6.5	TURBO	450	8	6445	4443	692	42.8	4864	3307	522	26.6
			9	5521	3939	527	27.1	3653	2685	349	13.1
			10	4386	3335	377	15.0	1789	1737	154	3.0
	HIGH	390	8	5833	4004	626	35.9	4375	2968	470	21.9
			9	4968	3536	474	22.2	3176	2364	303	10.4
			10	3875	2963	333	12.2	1604	1568	138	2.5
	MEDIUM	330	8	5173	3537	555	29.6	3844	2605	413	17.4
			9	4369	3105	417	17.7	1819	1666	174	3.8
			10	3259	2540	280	9.0	1533	1430	132	2.3
	LOW	250	8	4166	2843	447	20.0	3037	2068	326	11.8
			9	3463	2471	331	12.1	1659	1421	158	3.1
			10	1920	1742	165	3.4	1297	1189	111	1.7

DISTRICT COOLING - Model : RM36MPVC/H-DWA - JUMBO

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	490	8	9000	5940	966	77.7	7477	4773	802	56.0
			9	7520	5104	717	45.8	5870	3885	560	30.3
			10	5963	4234	512	25.8	3684	2766	316	11.2
	HIGH	460	8	8602	5671	923	71.8	7147	4558	767	51.7
			9	7180	4868	685	42.2	5604	3708	535	27.9
			10	5695	4039	489	23.7	3407	2593	293	9.7
	MEDIUM	450	8	8467	5580	909	69.8	7036	4486	755	50.3
			9	7075	4794	675	41.0	5512	3647	526	27.1
			10	5604	3973	481	22.9	3295	2527	283	9.1
	LOW	440	8	8331	5488	894	67.8	6923	4412	743	48.8
			9	6975	4722	665	40.0	5416	3583	517	26.2
			10	5511	3906	473	222.0	3784	2680	325	11.7
6.0	TURBO	490	8	7880	5335	846	61.3	6285	4138	675	41.0
			9	6530	4562	623	35.5	4680	3273	447	19.8
			10	5426	3969	466	21.5	3606	2643	310	10.8
	HIGH	460	8	7577	5116	813	57.2	6010	3952	645	37.9
			9	6243	4355	596	33.6	4460	3119	426	18.3
			10	5175	3783	445	19.6	3324	2472	286	9.4
	MEDIUM	450	8	7473	5041	802	56.0	5928	3895	636	37.0
			9	6145	4285	587	32.8	4385	3067	419	17.8
			10	5089	3720	437	19.1	3271	2430	281	9.1
	LOW	440	8	7369	4966	791	54.4	5843	3836	627	36.1
			9	6047	4214	577	31.8	4308	3013	411	17.2
			10	5003	3657	430	18.6	1906	1859	164	3.4
6.5	TURBO	490	8	7014	4857	753	49.7	5326	3630	572	31.4
			9	6043	4325	577	31.8	4068	2976	388	15.6
			10	4849	3682	417	17.6	3237	2412	278	8.9
	HIGH	460	8	6727	4647	722	46.2	5092	3465	547	29.1
			9	5778	4129	552	29.5	3861	2829	369	14.4
			10	4615	3505	397	16.2	1882	1817	162	3.3
	MEDIUM	450	8	6628	4576	712	45.0	5012	3409	538	28.2
			9	5688	4062	543	28.7	3789	2779	362	14.0
			10	4535	3446	390	15.7	1872	1794	161	32.0
	LOW	440	8	6528	4503	701	43.8	4931	3353	530	27.5
			9	5596	3995	534	27.9	3716	2728	355	13.5
			10	4454	3385	383	15.3	1799	1756	155	3.0

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (l/hr) / PD = Water Pressure Drop (kPa)

PERFORMANCE DATA RM-SERIES

DISTRICT COOLING - Model: RM48MPVC H-DWA - JUMBO

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	470	8	10556	6917	1133	65.0	8798	5577	944	47.2
			9	9354	6211	892	42.6	7220	4696	689	26.8
			10	7075	4953	608	21.4	2810	2582	241	4.5
	HIGH	430	8	9882	6467	1061	56.9	8235	5214	884	42.0
			9	8746	5802	835	37.8	6941	4481	662	25.0
			10	6596	4618	567	19.4	2736	2457	235	4.3
	MEDIUM	380	8	9000	5880	966	49.1	7500	4742	805	35.5
			9	7953	5270	759	31.9	6317	4074	603	21.2
			10	5958	4177	512	16.5	2632	2292	226	4.0
	LOW	270	8	6895	4490	740	30.6	5733	3617	615	22.0
			9	6080	4019	580	20.0	4742	3066	452	13.1
			10	3147	2580	270	5.6	2340	1889	201	3.3
6.0	TURBO	470	8	9700	6442	1041	54.6	7885	5077	846	38.7
			9	7806	5370	745	30.8	5532	3823	528	17.4
			10	6425	4636	552	18.6	2491	2395	214	3.6
	HIGH	430	8	9081	6023	945	48.8	7364	4739	790	34.3
			9	7311	5021	698	27.4	5127	3552	489	15.2
			10	5974	4316	513	16.6	2428	2279	209	3.5
	MEDIUM	380	8	8260	5472	887	42.1	6705	4310	720	29.0
			9	6657	4565	635	23.2	4568	3187	436	12.4
			10	5360	3890	461	13.6	2339	2126	201	3.3
	LOW	270	8	6332	4181	680	26.2	5100	3275	547	18.4
			9	5011	3445	478	14.6	2555	2034	244	4.6
			10	2916	2460	251	4.9	2089	1752	179	2.7
6.5	TURBO	470	8	8394	5729	901	43.2	6321	4251	679	26.1
			9	7179	5062	685	26.5	4756	3452	454	13.2
			10	5717	4289	491	15.3	2355	2251	202	3.3
	HIGH	430	8	7855	5354	843	38.4	5907	3969	634	23.1
			9	6710	4727	641	23.5	4341	3180	414	11.4
			10	5279	3978	454	13.2	2294	2142	197	32.0
	MEDIUM	380	8	7155	4870	768	32.5	5361	3601	576	19.8
			9	6095	4290	582	20.1	2618	2327	250	4.9
			10	4657	3552	400	10.8	2034	1943	175	2.6
	LOW	270	8	5455	3706	586	20.3	3993	2701	429	12.1
			9	4555	3226	435	12.4	2319	1910	221	3.9
			10	2680	2335	230	4.2	1825	1602	157	2.1

DISTRICT COOLING - Model: RM60MPVC H-DWA - JUMBO

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	540	8	12261	8061	1316	855.0	10213	6493	1096	60.8
			9	10632	7119	1014	522.0	8030	5290	766	32.4
			10	8253	5793	709	282.0	5238	3839	450	130.0
	HIGH	510	8	11765	7728	1263	795.0	9801	6226	1052	55.8
			9	10348	6898	987	495.0	7723	5081	736	30.2
			10	7913	5547	603	262.0	4914	3633	422	11.8
	MEDIUM	490	8	11428	7501	1227	755.0	9521	6054	1022	52.9
			9	10138	6739	968	492.0	7522	4913	717	28.9
			10	7681	5381	603	245.0	4667	3481	431	10.8
	LOW	460	8	10909	7153	1171	692.0	9092	5766	976	48.8
			9	9579	6428	923	452.0	7214	4731	688	26.8
			10	7320	5126	629	225.0	2846	2646	244	46.0
6.0	TURBO	540	8	11105	7425	1192	715.0	8826	5747	947	47.3
			9	9315	6236	803	395.0	6506	4491	621	22.3
			10	7527	5433	647	23.9	4746	3531	418	11.1
	HIGH	510	8	10752	710S	1154	675.0	8649	5599	929	45.7
			9	570	5905	828	37.1	6228	4298	594	20.7
			10	7211	5202	623	22.1	2792	2649	240	4.5
	MEDIUM	490	8	10510	6993	1128	64.4	8475	5473	939	44.0
			9	131	5815	805	35.5	6037	4166	576	19.8
			10	994	5045	601	20.9	2760	2591	237	4.4
	LOW	460	8	10034	6667	1077	58.7	8158	5254	876	41.2
			9	361	5551	709	325.0	5738	3962	548	18.4
			10	559	4803	572	195.0	2522	2455	217	3.7
6.5	TURBO	540	8	9706	6655	1042	54.7	7350	4959	789	34.1
			9	8337	5903	796	34.5	5687	4093	543	18.2
			10	6755	5049	581	20.1	2621	2565	225	40.0
	HIGH	510	8	9333	6387	1002	51.1	7051	4752	757	31.7
			9	301	5658	761	32.1	5426	3910	518	16.8
			10	6457	4829	555	185.0	2588	2484	222	3.9
	MEDIUM	490	8	9384	6210	976	485.0	6848	4612	735	30.1
			9	7772	5491	742	30.5	5244	3784	531	15.9
			10	6255	4679	538	17.9	2564	2430	220	35.0
	LOW	460	8	576	5924	932	455.0	6535	4397	702	27.7
			9	7420	5236	708	28.1	4958	3588	473	14.3
			10	5936	4447	510	16.4	2526	2345	217	3.7

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (l/hr) / PD = Water Pressure Drop (kPa)

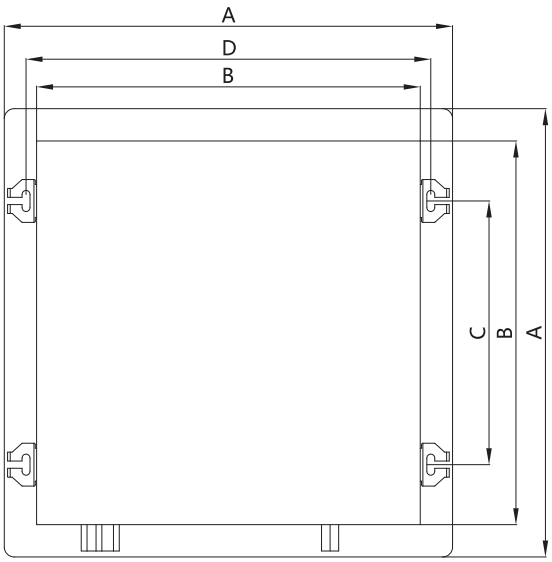
PERFORMANCE DATA

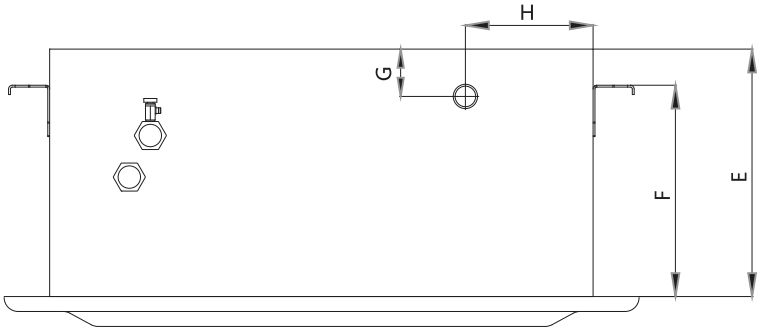
KX- E SERIES

2 pipe/4 way cassette FCU, ceiling mounted and suitable for chilled/hot water AC system	
Air Flow	340-2380m³/h(200-1400CFM)
Cooling Capacity	2.0-12.6KW
Panel Dimension	680*680 , 830*830 , 980*980

Dimensions :

Dim.	FP-34、51、68KM4-V/C	FP-85、102、136KM4-V/C	FP-170、204、238KM4-V/C
A	680	830	980
B	582	712	827
C	400	544	655
D	614	744	859
E	265	290	290
F	255	220	220
G	51	89	88
H	137	142	146





PERFORMANCE DATA

KX- E SERIES

Standard Specification :

Aesthetic ABS panel	
Air Filter	Synthetic removable and washable
Housing	Galvanized steel with high density foam insulation inside
Heat Exchanger	Copper tube and hydrophilic AL fins with air release valve
Drain Pan	High density polystyrene foam material
Drain Pump	70cm head or 120cm head, with float switch and no return valve
Fan/Motor	Centrifugal fan, 3 speed motor or EC motor
Control System	Main board, transformer, built-in electric control or external electric control

Technical Parameters :

Model				FP-34KM4-V/C	FP-51KM4-V/C	FP-68KM4-V/C	FP-85KM4-V/C	FP-102KM4-V/C	FP-136KM4-V/C	FP-170KM4-V/C	FP-204KM4-V/C	FP-238KM4-V/C
Cooling	Cooling Capacity	H	kW	2.0	2.7	3.7	4.7	5.8	7.2	9.2	11	12.6
		M		1.7	2.3	2.8	3.8	4.6	5.8	8.0	9	10.5
		L		1.1	1.4	2.0	2.7	3.9	4.3	6.5	7	9.0
	Water Flow Rate		L/h	345	470	640	808	995	1240	1580	1890	2160
	Water Pressure Drop		kPa	15	27	15	12	16	21	37	40	47
Heating	Heating Capacity	H	kW	2.8	4.2	5.6	7.0	8.4	11.2	13.9	16.7	19.5
		M		2.5	3.5	4.2	5.7	6.9	8.7	12.0	13.5	15.7
		L		1.7	2.1	3.0	4.0	5.8	6.4	9.7	10.5	13.5
Blower	Type			Centrifugal Fan								
	Dia.		mm	Φ315	Φ315	Φ315	Φ380	Φ380	Φ380	Φ476	Φ476	Φ476
	Qty.			1	1	1		1	1	1	1	1
Electric Parameter	Power Supply		V/Ph/Hz	220/ 1 / 50								
	Input Power		W	39	52	62	76	96	132	152	189	220
	Current		A	0.18	0.24	0.27	0.35	0.45	0.58	0.78	0.80	1.07
Fan		H	m3/h	340	510	680	850	1020	1360	1700	2040	2380
		M		280	390	520	680	790	1030	1400	1500	1850
		L		180	260	350	490	520	590	950	1030	1500
Sound Pressure			dB(A)	37	39	41	43	45	46	47	50	52
Control Mode				Remote control or wired wall pad								
Unit Dim.(LxWxH)			mm	582x582x265			712x712x290			827x827x290		
Panel Dim.(LxWxH)			mm	680x680x30			830x830x30			980x980x30		
Net Weight			kg	20			26			36		
Water Connection	In		inch	ZG3/4"								
	Out		inch	ZG3/4"								
	Drain Pipe (OD.)		mm	26								

Test Condition:

Cooling: inlet dry ball temp. 27°C, wet ball temp. 19.5°C, inlet water temp. 7°C, outlet water temp.12°C

Heating: inlet dry ball temp. 21°C, inlet water temp. 60°C, same water flow as cooling

DISTRICT COOLING - Model: RME32MPVC H-DWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	450	8	8219	5413	882	66.2	6830	4352	733	47.7
			9	6895	4664	658	39.2	5340	3530	510	25.5
			10	5435	3851	467	21.6	1996	1948	171	3.6
	HIGH	390	8	7404	4865	795	55.0	6153	3912	660	39.6
			9	6473	4324	617	35.1	4772	3157	455	20.7
			10	4871	3448	418	17.8	1919	1799	165	3.4
	MEDIUM	330	8	6537	4285	702	44.1	5431	3446	583	32
			9	5771	3837	551	29.2	4169	2760	398	16.3
			10	4248	3837	365	14.2	1890	1653	162	3.3
	LOW	250	8	5282	3451	567	30.6	4381	2773	470	21.9
			9	4639	3080	443	19.7	3242	2164	309	10.7
			10	2261	1924	194	4.8	1670	1403	143	2.6
6.0	TURBO	450	8	7292	4909	783	53.4	5774	3788	620	35.3
			9	5965	4155	569	30.8	4245	2969	405	16.8
			10	4932	3604	424	18.2	1899	1840	163	3.3
	HIGH	390	8	6785	4522	728	47.0	5381	3495	578	31.6
			9	5371	3731	513	25.8	3769	2645	360	13.8
			10	4399	3219	378	15.0	1828	1701	157	3.1
	MEDIUM	330	8	6002	3988	644	37.8	4862	3135	522	26.6
			9	4744	3287	453	20.5	3221	2284	307	10.6
			10	3802	2799	327	11.8	1622	1521	139	2.5
	LOW	250	8	4842	3209	520	26.5	3904	2515	419	17.9
			9	3787	2626	361	13.9	1832	1513	175	3.8
			10	2091	1835	180	4.1	1488	1301	128	2.1
6.5	TURBO	450	8	6445	4443	692	42.8	4864	3307	522	26.6
			9	5521	3939	527	27.1	3653	2685	349	13.1
			10	4386	3335	377	15.0	1789	1737	154	3.0
	HIGH	390	8	5833	4004	626	35.9	4375	2968	470	21.9
			9	4968	3536	474	22.2	3176	2364	303	10.4
			10	3875	2963	333	12.2	1604	1568	138	2.5
	MEDIUM	330	8	5173	3537	555	29.6	3844	2605	413	17.4
			9	4369	3105	417	17.7	1819	1666	174	3.8
			10	3259	2540	280	9.0	1533	1430	132	2.3
	LOW	250	8	3259	2843	447	20.0	3037	2068	326	11.8
			9	3259	2471	331	12.1	1659	1421	158	3.1
			10	1920	1742	165	3.40	1297	1189	111	1.7

DISTRICT COOLING - Model: RME36MPVC H-DWA

ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	WATER TEMP. RISE °K	ENTERING AIR TEMPERATURE							
				27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	490	8	9000	5940	966	77.7	7477	4773	802	56.0
			9	7520	5104	717	45.8	5870	3885	560	30.3
			10	5963	4234	512	25.8	3684	2766	316	11.2
	HIGH	460	8	8602	5671	923	71.8	7147	4558	767	51.7
			9	7180	4868	685	42.2	5604	3708	535	27.9
			10	5695	4039	489	23.7	3407	2593	293	9.7
	MEDIUM	450	8	8467	5580	909	69.8	7036	4486	755	50.3
			9	7075	4794	675	41.0	5512	3647	526	27.1
			10	5604	3973	481	22.9	3295	2527	283	9.1
	LOW	440	8	8331	5488	894	67.8	6923	4412	743	48.8
			9	6975	4722	665	40.0	5416	3583	517	26.2
			10	5511	3906	473	22.2	3784	2680	325	11.7
6.0	TURBO	490	8	7880	5335	846	61.3	6285	4138	675	41.0
			9	6530	4562	623	35.5	4680	3273	447	19.8
			10	5426	3969	466	21.5	3606	2643	310	10.8
	HIGH	460	8	7577	5116	813	57.2	6010	3952	645	37.9
			9	6243	4355	596	33.6	4460	3119	426	18.3
			10	5175	3783	445	19.6	3324	2472	286	9.4
	MEDIUM	450	8	7473	5041	802	56.0	5928	3895	636	37.0
			9	6145	4285	587	32.8	4385	3067	419	17.8
			10	5089	3720	437	19.1	3271	2430	281	9.1
	LOW	440	8	7369	4966	791	54.4	5843	3836	627	36.1
			9	6047	4214	577	31.8	4308	3013	411	17.2
			10	5003	3657	430	18.6	1906	1859	164	3.4
6.5	TURBO	490	8	7014	4857	753	49.7	5326	3630	572	31.4
			9	6043	4325	577	31.8	4068	2976	388	15.6
			10	4849	3682	417	17.6	3237	2412	278	8.9
	HIGH	460	8	6727	4647	722	46.2	5092	3465	547	29.1
			9	5778	4129	552	29.5	3861	2829	369	14.4
			10	4615	3505	397	16.2	1882	1817	162	3.3
	MEDIUM	450	8	6628	4576	712	45.0	5012	3409	538	28.2
			9	5688	4062	543	28.7	3789	2779	362	14.0
			10	4535	3446	390	28.7	1872	1794	161	3.2
	LOW	440	8	6528	4503	701	43.8	4931	3353	530	27.5
			9	5596	3995	534	27.9	3716	2728	355	13.5
			10	4454	3385	534	15.3	1799	1756	155	3.0

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (l/hr) / PD = Water Pressure Drop (kPa)

PERFORMANCE DATA

RM- E SERIES

DISTRICT COOLING - Model: RME48MPVC H-DWA

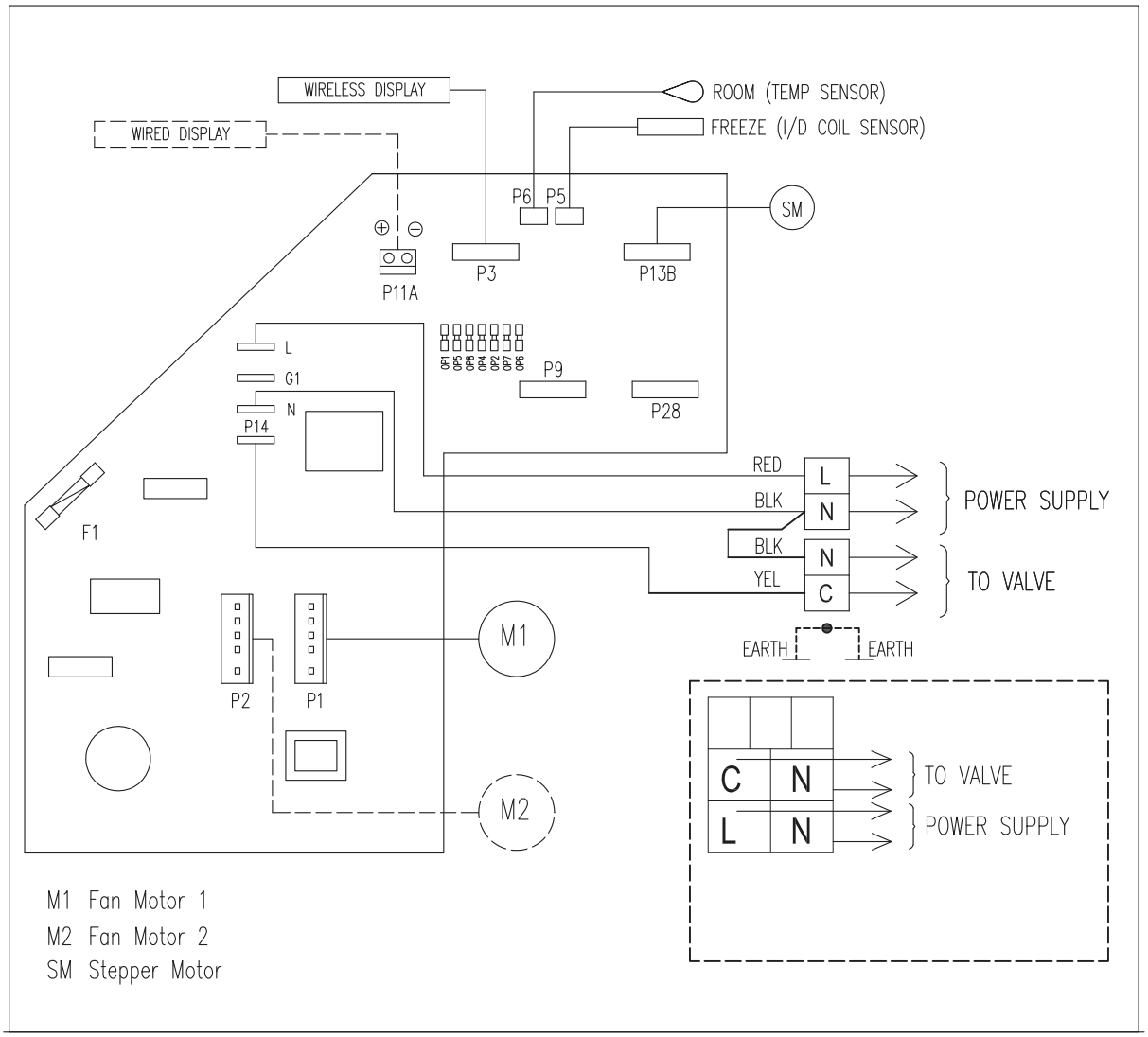
ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	TEMP. RISE °K	27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	470	8	10556	6917	1133	65.0	8798	5577	944	47.2
			9	9354	6211	892	42.6	7220	4696	689	26.8
			10	7075	4953	608	21.4	2810	2582	241	4.5
	HIGH	430	8	9882	6467	1061	56.9	8235	5214	884	42.0
			9	8746	5802	835	37.8	6941	4481	662	25.0
			10	6596	4618	567	19.4	2736	2457	235	4.3
	MEDIUM	380	8	9000	5880	966	49.1	7500	4742	805	35.5
			9	7953	5270	759	31.9	6317	4074	603	21.2
			10	5958	4177	512	16.5	2632	2292	226	4.0
	LOW	270	8	6895	4490	740	30.6	5733	3617	615	22.0
			9	6080	4019	580	20.0	4742	3066	452	13.1
			10	3147	2580	270	5.6	2340	1889	201	3.3
6.0	TURBO	470	8	9700	6442	1041	54.6	7885	5077	846	38.7
			9	7806	5370	745	30.8	5532	3823	528	17.4
			10	6425	4636	552	18.6	2491	2395	214	3.6
	HIGH	430	8	9081	6023	945	48.8	7364	4739	790	34.3
			9	7311	5021	698	27.4	5127	3552	489	15.2
			10	5974	4316	513	16.6	2428	2279	209	3.5
	MEDIUM	380	8	8260	5472	887	42.1	6705	4310	720	29.0
			9	6657	4565	635	23.2	4568	3187	436	12.4
			10	5360	3890	461	13.6	2339	2126	201	3.3
	LOW	270	8	6332	4181	680	26.2	5100	3275	547	18.4
			9	5011	3445	478	14.6	2555	2034	244	4.6
			10	2916	2460	251	4.9	2089	1752	179	2.7
6.5	TURBO	470	8	8394	5729	901	43.2	6321	4251	679	26.1
			9	7179	5062	685	26.5	4756	3452	454	13.2
			10	5717	4289	491	15.3	2355	2251	202	3.3
	HIGH	430	8	7855	5354	843	38.4	5907	3969	634	23.1
			9	6710	4727	641	23.5	4341	3180	414	11.4
			10	5279	3978	454	13.2	2294	2142	197	3.2
	MEDIUM	380	8	7155	4870	768	32.5	5361	3601	576	19.8
			9	6095	4290	582	20.1	2618	2327	250	4.9
			10	4657	3552	400	10.8	2034	1943	175	2.6
	LOW	270	8	5455	3706	586	20.3	3993	2701	429	12.1
			9	4555	3226	435	12.4	2319	1910	221	3.9
			10	2680	2335	230	4.2	1825	1602	157	2.1

DISTRICT COOLING - Model: RME60MPVC H-DWA

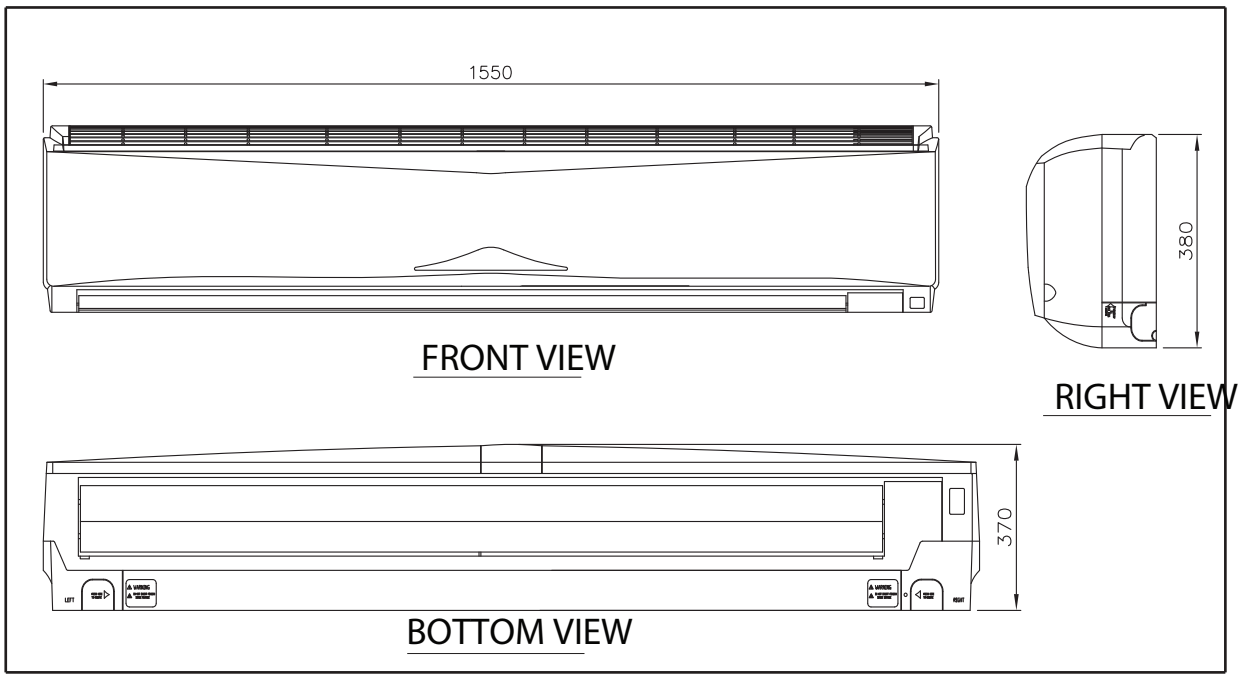
ENTERING WATER TEMP. °C	FAN SPEED	AIR FLOW I/S	TEMP. RISE °K	27°C DB / 19°C WB				24°C DB / 17.8°C WB			
				TH	SH	WFR	PD	TH	SH	WFR	PD
5.5	TURBO	540	8	12261	8061	1316	85.5	10213	6493	1096	60.8
			9	10632	7119	1014	52.2	8030	5290	766	32.4
			10	8253	5790	709	28.2	5238	3839	450	13.0
	HIGH	510	8	11765	7728	1263	79.6	7723	6226	1052	55.8
			9	10348	6898	987	49.8	7723	5081	736	30.2
			10	7913	5547	680	26.2	4914	3633	422	11.8
	MEDIUM	490	8	11428	7501	1227	75.5	9521	6044	1022	52.9
			9	10138	6739	968	49.2	7522	4943	717	28.9
			10	7681	5381	660	24.8	4667	3481	401	10.8
	LOW	460	8	10909	7153	1171	69.2	9092	5766	976	48.8
			9	9679	6428	923	45.2	7214	4731	688	26.8
			10	7320	5126	629	22.8	2846	2646	244	4.6
6.0	TURBO	540	8	11106	7425	1192	71.6	8826	5747	947	47.3
			9	9015	6236	860	39.8	6506	4491	621	22.3
			10	7527	5433	647	23.9	4746	3531	408	11.1
	HIGH	510	8	10752	7166	1154	67.3	8649	5599	929	45.7
			9	8670	5986	828	37.1	6228	4298	594	20.7
			10	7211	5202	620	22.1	2792	2649	240	4.5
	MEDIUM	490	8	10510	6990	1128	64.4	8475	5473	909	44.0
			9	8431	5815	805	35.5	6037	4166	576	19.8
			10	6994	5045	601	20.9	2760	2591	237	4.4
	LOW	460	8	10034	6667	1077	58.7	8158	5254	876	41.2
			9	8061	5551	769	32.6	5738	3962	548	18.4
			10	6659	4803	572	19.6	2522	2455	217	3.7
6.5	TURBO	540	8	9706	6655	1042	54.7	7350	4959	789	34.1
			9	8337	5903	796	34.5	5687	4093	543	18.2
			10	6755	5049	581	20.1	2621	2565	225	4.0
	HIGH	510	8	9333	6387	1002	51.1	7051	4752	757	31.7
			9	8001	5658	764	32.1	5426	3910	518	16.8
			10	6457	4829	555	18.8	2588	2484	222	3.9
	MEDIUM	490	8	9084	6210	976	48.8	6848	4612	735	30.1
			9	7772	5491	742	30.5	5244	3784	501	15.9
			10	6255	4679	538	17.9	2564	2430	220	3.8
	LOW	460	8	8676	5924	932	45.8	6535	4397	702	27.7
			9	7420	5236	708	28.1	4958	3588	473	14.3
			10	5936	4447	510	16.4	2526	2345	217	3.7

TH = Total Capacity (W) / SH = Sensible Capacity (W) / WFR = Water Flow Rate (l/hr) / PD = Water Pressure Drop (kPa)

Wiring Diagram



Unit Dimensions



FAN COIL UNIT

FC-SERIES

FLOOR / CEILING TYPE

STANDARD COOLING CAPACITY 2700 - 1522 WATTS
DISTRICT COOLING CAPACITY 2700 - 1522 WATTS

A decorative hydronic floor-ceiling also known as a convertible or universal fan coil units come in a wide range of capacities, i.e., from 2.7Kw-15.22 Kw for cooling and for heating from 3.69 Kw - 19.24 Kw (50°C inlet water temp.) and 6.34 -32.50 Kw. (70°C inlet water temp.). This product is an incorporation of a floor mounted unit and an under-ceiling into one to reduce an inventory for dealers as well as increase flexibility in installation needs.
Aesthetically designed to blend well with modern decor even though these units are meant mostly for commercial and industrial uses. The main frames are made of robust steel with polymer flaps, side panels and return air grilles.
Applications of these units are versatile and flexible namely, for light commercials such as school rooms, bars, banks, conference rooms, restaurants, hotels, shop houses, shopping malls, sports clubs; and even for residential applications for instant, large sitting rooms.

Features

- Capable of matching with most chillers or hot water boilers.
- Automatic swing louvers for even conditioned air distribution.
- Design and color are trendy blending well with modern decor.
- Microprocessor control with wireless remote handset as standard.
- All units come complete with cold draft prevention feature on heat mode.
- Four-speed motor and 4-speed control for varied comfort choices
- The motor is overload- protected and equipped with permanent split capacitor.
- Saving valuable room space when installing under the ceiling or on a low wall.
- Flexible installation - on the floor, under the ceiling or on a low wall saving room space.
- Built for standard cooling or heating condition applications as well as for district cooling conditions.
- Auto-restart function with non-volatile memory on a return of power supply after a power breakdown.
- Automatic temperature control in response to water temperature changes creating ideal environment for comfort living in any air-conditioned room.

Options

- Wired remote control with a wall touch pad.
- Two-way or three-way valve with actuator.

Standard cooling conditions

Descriptions			FC10 MPVC/H-CW	FC13 MPVC/H-CW	FC18 MPVC/H-CW	FC24 MPVC/H-CW	FC32 MPVC/H-CW	FC36 MPVC/H-CW	FC48 MPVC/H-CW	FC60 MPVC/H-CW
Chilled Water Cooling (A)	Total Capacity	Watts	2700	3480	5980	6500	7780	10040	13020	15220
	Water Flow Rate	L/Hr	462	593	1026	1115	1335	1721	2234	2610
	Pressure Drop	kPa	14	17	16	19	21	45	30	34
Hot Water Heating (B)	Capacity	Watts	3690	4210	7480	8170	10470	12360	17040	19240
Hot Water Heating (C)	Total Capacity	Watts	6340	7070	12610	13780	17910	20800	28940	32500
	Water Flow Rate	L/Hr	556	620	1105	1208	1571	1824	2540	2850
	Pressure Drop	kPa	14	15	16	17	21	38	29	31
Inlet & Outlet Pipe Connection	Type		Male Thread Water Pipe Connector							
	Nominal Diameter	Inch	1/2			3/4	1			
Drain Pipe Connection	Diameter (OD)	Inch	OD. 16 mm.							
Evaporator	Fin Type / Fin Pitch		Louvre/1.41	Louvre/1.58	Louvre/1.81			Louvre/2.11	Louvre/1.81	
	Tube Diameter	mm.	Ø9.5/Smooth Inside Wall							
Fan	Type		Double Inlet Centrifugal Fan							
	No.		2		3		4			
Fan Motor	Type		Permanent Split Capacitor							
	Power Supply	V/Ph/Hz	220-240/1/50							
	Power Input	Watts	62		90	104	194		390	
	Running Current	A	0.25		0.4	0.46	0.84	0.85	2.25	
Nominal Air Flow Rate	T/H/M/L	m^3/hr	510/480/ 450/420	500/470/ 440/410	960/940/ 885/820	1070/990/ 980/900	1780/1680/ 1580/1500	1770/1680/ 1600/1520	2410/2270/ 2130/2000	2650/2430/ 2280/2060
Sound Pressure Level	T/H/M/L	dB(A)	43/42/41/39	42/41/39/37	45/44/41/39	48/47/44/42	48/46/44/42	49/47/44/42	52/51/49/47	52/51/50/48
Dimensions	HxWxD	mm.	660x860x200		660x1256x200	660x1256x235	660x1650x235		660x1862x273	
Net Weight		Kg.	30	31	41	43	55	57	66	73

Note: Cooling capacities are based on:
1. Cooling (A): Inlet water temperature 7 °C, outlet water temperature 12°C ;inlet air temperature 27°CDB and 19°CWB at Turbo Fan Speed.
2. Heating (B): Inlet water temperature 50°C; same water flow rate as in cooling; inlet air temperature 20°CDB.
3. Heating (C) : Inlet water temperature 70°C ;Outlet water temperature 60°C ; Inlet air temperature 20 °CDB.
* Air flow rate is measured on wet coil. ** Pressure drops: does not include water valve.

District cooling conditions

Descriptions			FC10 MPVC/H-DW	FC13 MPVC/H-DW	FC18 MPVC/H-DW	FC24 MPVC/H-DW	FC32 MPVC/H-DW	FC36 MPVC/H-DW	FC48 MPVC/H-DW	FC60 MPVC/H-DW
Chilled Water Cooling (A)	Total Capacity	Watts	1170	2520	4470	4840	5520	6940	9400	10620
	Water Flow Rate	L/Hr	112	240	426	462	527	662	897	1013
	PresFCre Drop	kPa	3.5	11	13	15	17	15	21	20
Inlet & Outlet Pipe Connection	Type		Male Thread Water Pipe Connector							
	Nominal Diameter	Inch	1/2			3/4	1			
Drain Pipe Connection	Diameter (OD)	Inch	OD. 16 mm.							
Evaporator	Row		2	3			2	3		
	Fin Type / Fin Pitch		Louvre/1.41	Louvre/1.58	Louvre/1.81					
	Tube Diameter	mm.	Ø 9.5 Smooth							
Fan	Type		Double Inlet Centrifugal Fan							
	No.		2		3		4			
	Type		Permanent Split Capacitor							
Fan Motor	Power FCpply	V/Ph/Hz	220-240/1/50							
	Power Input	Watts	62		90	104	194		390	
	Running Current	A	0.25		0.4	0.46	0.84	0.85	2.25	
Nominal Air Flow Rate	T/H/M/L	m^3/hr	510/480/ 450/420	500/470/ 440/410	960/940/ 885/820	1070/990/ 980/900	1780/1680/ 1580/1500	1770/1680/ 1600/1520	2410/2270/ 2130/2000	2650/2430/ 2280/2060
Sound PresFCre Level	T/H/M/L		43/42/41/39	42/41/39/37	45/44/41/39	48/47/44/42	48/46/44/42	48/47/44/42	52/51/49/47	52/51/50/48
Dimensions	HxWxD	mm.	660x860x200		660x1256x200	660x1256x235	660x1650x235		660x1862x273	
Net Weight		Kg.	30	31	41	43	55	57	66	73

Note: Cooling capacities are based on:
1. Inlet water temperature 5.5°C,outlet water temperature 14.5°C ; inlet air temperature 24°CDB and 18°CWB at Turbo Fan Speed.
* Air flow rate is measured on wet coil. ** Pressure drops are measured without valve kit.

NOMENCLATURE

KX 10M PVC / H - CWA/B

KX - Cassette Type
RM - Wall Mounted Type
FC - Floor Ceiling Type
CB(LN/SN) - Cabinet Type

KX - 10M, 13M, 18M, 24M, B26M, B36M, B48M, B50M
RM - 10M, 13M, 18M, 24M, 32M, 36M, 48M, 60M
FC - 10M, 13M, 18M, 24M, 32M, 36M, 48M, 60M
CBLN - 12M, 18M, 24M
CBSN - 02/03M, 04M, 06M, 08M, 10M, 12M, 14M

PVC- Casing

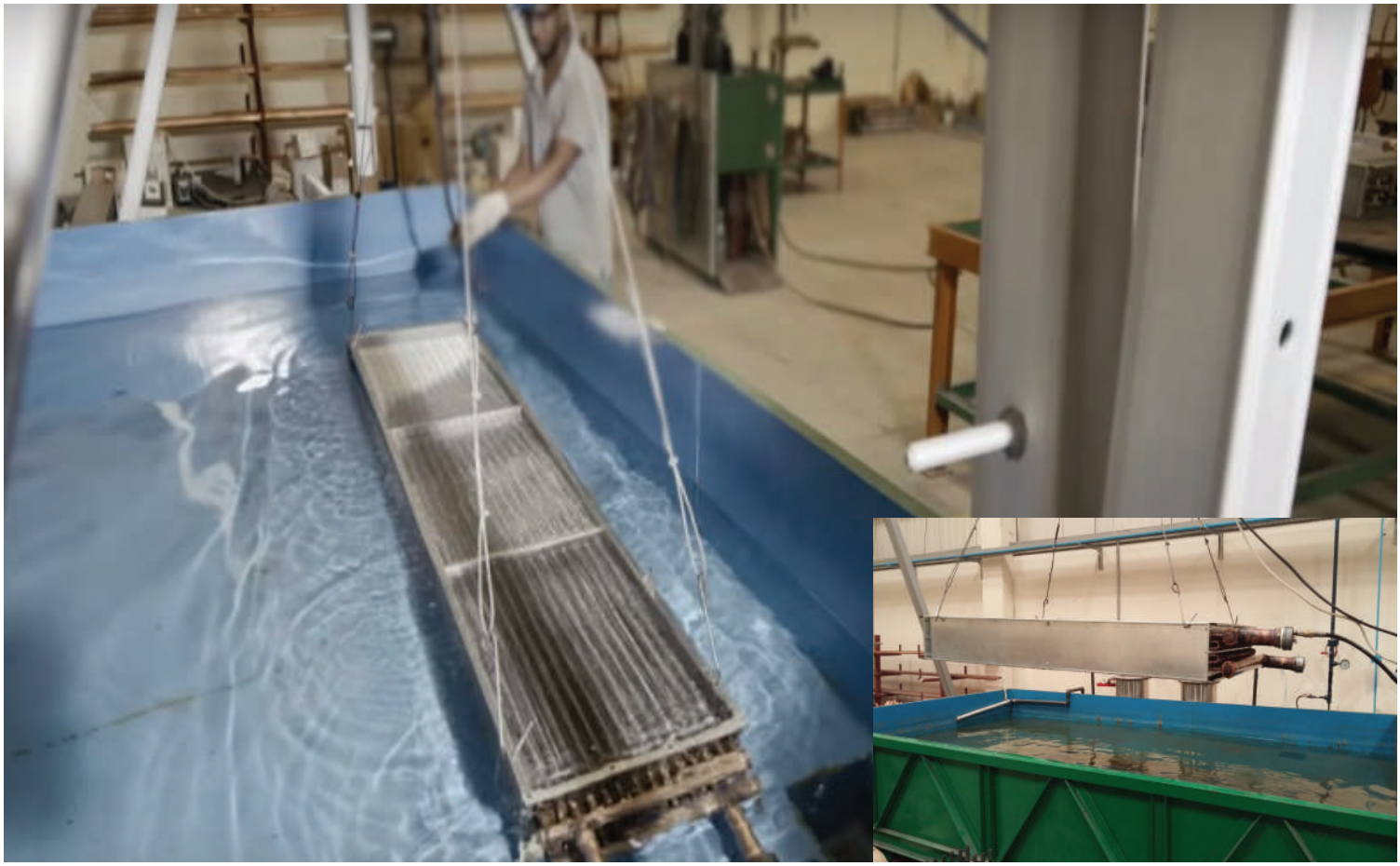
H - Heating

CWA - Chilled Water Application
DWA - District Water Cooling
CWB -(KX-0M, 13M, 18M, 24M)

TESTING FACILITIES

- All the units are manufactured from tested and certified materials.
- All the units are factory tested & approved by the quality procedures before dispatching from the manufacturing facility.
- The manufacturing quality process is also proven and certified for ISO 9001:2015.
- All the quality products tested by automated machines and CNC machines under supervision of super skilled manpower.

Coil Leakage Testing



RPM testing

Motor testing

AMP testing

WHO WE ARE

Finpower Aircon LLC, established in 2012 in UAE, engaged in manufacturing of air-conditioning equipments. Finpower is committed to provide quality HVAC solution for commercial, Residential and special application projects with the backup of strong engineering team to serve diverse design challenges.

The following are the range of products, which are being manufactured by Finpower Aircon Systems Pvt. Ltd.

- Air Handling Units
- Fresh Air Handling Units
- Fan Coil Units
- Ecology Units
- Package Units
- Energy Reciovery Units
- Ventilation Units
- VRF Units
- Ducted Split Units
- Air Cooled Condensing Unit
- Cooling / Heating Coils (water/ DX)
- Heat Recovery Units

Eurovent Certified Air Handling Units

AHRI Certified Fan Coil Units

We would much appreciate, getting your valuable support and are eager to prove our capabilities in giving quality products at compititive Prices.

Fin Power

Middle East | India | Africa

*Manufacturer reserves the right to discontinue or change the specifications or design of the product without prior notice at any time.