

# MCK - Cassette

FAN COILS



Cooling capacity: 2,49 kW ÷ 10,8 kW  
Heating capacity: 3,52 kW ÷ 13,8 kW



## GENERAL CHARACTERISTICS

- 3 range of ceiling cassette:
  - MCK-CW - 570 mm (w) x 570 mm (l)
  - MCK-AW/AWH - 820 mm (w) x 820 mm (l)
- 4 way air discharge to provide better air distribution to room
- Automatic air swing
- 4 pipes system available for models MCK020÷050AWH  
Easy servicing and maintenance
- Condensate water up to 700 mm high
- Able to communicate with the versatile NIM
- Self diagnosis feature
- Wireless G17 control mode: selection, fan speed, 24 hours real timers

## OPTIONS ON REQUEST

- Electronic controls for wall mounted installation:
  - SLM3
  - NETWARE3
- Valve kit, 3 ways

## TECHNICAL DATA MCK - Cassette

MCK		010CW	015CW	020CW
Nominal Air Flow	m <sup>3</sup> /h	646/493/391	680/527/374	748/561/476
Total Cooling Capacity <sup>1</sup>	kW	2,49	4,10	4,54
Total Sensible Capacity <sup>1</sup>	kW	1,90	2,93	3,37
Heating Capacity <sup>2</sup>	kW	3,52	4,69	5,28
Water Flow Rate (cooling)	l/s	0,127	0,217	0,225
Water Pressure Drop (cooling)	kPa	19,28	26,86	28,84
Sound Pressure Level <sup>3</sup>	dB(A)	42/35/29	45/38/30	48/40/36
Power Input <sup>4</sup>	kW	0,063	0,064	0,079
Current Input <sup>4</sup>	A	0,22	0,30	0,34
Standard Voltage	V/ph/Hz	220-240/1/50		
Water Connections	inches	3/4"	3/4"	3/4"
Condensate Drain Connections	mm	19	19	19

### NOTES:

- At the following nominal conditions: 7/12°C inlet/outlet water temperature; 27°C db / 19°C wb inlet air temperature; high speed
- At the following nominal conditions: 50°C inlet water temperature; 20°C inlet air temperature; same water flow as for cooling; high speed
- Sound pressure levels are tested at 1.4m below the centre of the unit (according to JIS C 9612 standard)
- High speed

Weight and dimensions		010CW	015CW	020CW
Shipping weight (unit + panel)	kg	22+2	23+2	23+2
(A) Length	mm	570	570	570
(B) Width	mm	570	570	570
(C) Height	mm	250	250	250

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## TECHNICAL DATA MCK - Cassette

MCK 2 PIPE		020AW	025AW	030AW	040AW	050AW
Nominal Air Flow	m <sup>3</sup> /h	1310/1130/1069	1379/1180/1069	1558/1321/1209	1738/1530/1339	1839/1681/1540
Total Cooling Capacity <sup>1</sup>	kW	6,62	7,50	8,80	9,95	10,8
Total Sensible Capacity <sup>1</sup>	kW	4,90	5,40	6,40	7,10	7,70
Heating Capacity <sup>2</sup>	kW	8,40	9,50	11,0	12,0	12,9
Water Flow Rate (cooling)	l/s	0,316	0,358	0,421	0,475	0,516
Water Pressure Drop (cooling)	kPa	24,8	30,8	41,6	52,2	69,3
Sound Pressure Level <sup>3</sup>	dB(A)	42/39/37	45/42/40	49/45/43	51/48/46	53/52/50
Power Input <sup>4</sup>	kW	0,130	0,150	0,160	0,190	0,250
Current Input <sup>4</sup>	A	0,52	0,64	0,68	0,79	1,06
Standard Voltage	V/ph/Hz	220-240/1/ 50				
Water Connections	inches	3/4"	3/4"	3/4"	3/4"	3/4"
Condensate Drain Connections	mm	19	19	19	19	19

### NOTES:

- At the following nominal conditions: 7/12°C inlet/outlet water temperature; 27°C db / 19°C wb inlet air temperature; high speed
- At the following nominal conditions: 50°C inlet water temperature; 20°C inlet air temperature; same water flow as for cooling; high speed
- Sound pressure levels are tested at 1.4 m below the centre of the unit (according to JIS C 9612 standard) - MCK 020AW - MCK 025AW and 1.5 m below the centre of the unit (according to JIS B8615) - MCK 030AW - MCK 040AW - MCK 050AW
- High speed

MCK 4 PIPE		020AWH	025AWH	030AWH	040AWH	050AWH
Nominal Air Flow	m <sup>3</sup> /h	1310/1130/1069	1379/1180/1069	1558/1321/1209	1738/1530/1339	1839/1681/1540
Total Cooling Capacity <sup>1</sup>	kW	3,81	3,96	4,63	5,01	5,16
Total Sensible Capacity <sup>1</sup>	kW	3,40	3,52	4,07	4,40	4,54
Heating Capacity <sup>2</sup>	kW	10,6	11,0	12,5	13,5	13,8
Water Flow Rate (cooling)	l/s	0,182	0,189	0,221	0,239	0,246
Water Pressure Drop (cooling)	kPa	3,56	3,78	4,96	5,70	5,96
Sound Pressure Level <sup>3</sup>	dB(A)	42/39/37	45/42/40	49/45/43	51/48/46	53/52/50
Power Input <sup>4</sup>	kW	0,122	0,138	0,153	0,184	0,232
Current Input <sup>4</sup>	A	0,53	0,61	0,67	0,80	1,02
Standard Voltage	V/ph/Hz	220-240/1/50				
Water Connections	inches	3/4"	3/4"	3/4"	3/4"	3/4"
Condensate Drain Connections	mm	19	19	19	19	19

### NOTES:

- At the following nominal conditions: 7/12°C inlet/outlet water temperature; 27°C db / 19°C wb inlet air temperature; high speed
- At the following nominal conditions: 70/60°C inlet/outlet water temperature; 20°C inlet air temperature; high speed
- Sound pressure levels are tested at 1.4 m below the centre of the unit (according to JIS C 9612 standard) - MCK 020 AWH - MCK 025 AWH and 1.5 m below the centre of the unit (according to JIS B8615) - MCK 030AWH - MCK 040AWH - MCK 050AWH
- High speed

Weight and dimensions		020AW/AWH	025AW/AWH	030AW/AWH	040AW/AWH	050AW/AWH
Shipping weight (unit + panel)	kg	31+4	32+4	35+4	38+4	40+4
(A) Length	mm	820	820	820	820	820
(B) Width	mm	820	820	820	820	820
(C) Height	mm	305	305	305	305	305

