FAN COIL
PRODUCT LIST -2025

CT41 (3 - Speed)
Wall Mounted Wired Controller

CT24
Wall Mounted Wired Controller

MECO

- *Cassette Type 4-Way Blowing Fan Coil*
- *Ceiling Conceal Duct Type Fan Coil*
- *Universal Type Floor Standing Fan Coil*
- *High Static Pressure Duct Type Fan Coil (120Pa)*

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NVM SOĞUTMA ISITMA HAVALANDIRMA SİSTEMLERİ LTD.ŞTİ.

Cassette Type 4-Way Blowing Fan Coil Unit

2-Pipe & 4-Pipe

Product List - 2025

NVM SOĞUTMA ISITMA HAVALANDIRMA SİSTEMLERİ LTD.ŞTİ.

MECO

Cassette Type 4-Way Blowing Fan Coil Unit (2025)

M - STYLE (2-Tube System)

MODEL (2-tube system)			MFP-34KM(Q)MM1	MFP-51KM(Q)MM1	MFP-68KM(Q)MM1	MFP-85KM(Q)MM2	MFP-102KM(Q)MM2	MFP-136KM(Q)MM3	MFP-170KM(Q)MM3	MFP-204KM(Q)MM3	MFP-238KM(Q)MM3	MFP-272KM(Q)MM4
Model of Unit			FP-34KM(Q)M1	FP-51KM(Q)M1	FP-68KM(Q)M1	FP-85KM(Q)M2	FP-102KM(Q)M2	FP-136KM(Q)M3	FP-170KM(Q)M3	FP-204KM(Q)M3	FP-238KM(Q)M3	FP-272KM(Q)M4
Panel Type			MB-SD11M1			MB-SD11M2		MB-SD11M3				MB-SD11M4
Power Supply			220V,50Hz,1Ph									
Air Volume	H	m^3/h	380	550	680	880	1050	1380	1750	2050	2200	2720
	M		300	440	540	700	840	1100	1400	1640	1750	2040
	L		230	330	410	530	630	830	1050	1230	1320	1360
Static Pressure		Pa	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Cooling capacity	Total	W	2000	3000	3800	4900	5800	7500	9800	11000	12000	15000
		BTU	6830	10245	12977	16733,5	19807	25612,5	33467	37565	40980	51225
Heating capacity	Total	W	3100	4700	5900	7600	9000	11600	15200	17100	18600	24000
		BTU	10587	16051	20149	25954	30735	39614	51908	58397	63519	81960
Sound	High	dB(A)	38	40	42	42	44	46	47	50	51	53
Power Input	Speed	W	40	50	58	70	95	130	160	190	210	230
Water (inlet)	Cooling & heating coil		ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Water (outlet)			ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Coil	Type		Aluminum fin (Hydrophilic) with copper tube.									
Condensing water pipe			**Ø 26**									
Base Unit(mm)	L*W*H		590*590*242			750*750*242		840*840*242	840*840*292			946*946*292
Panel(mm)			650*650*40			850*850*40		950*950*40	950*950*40			1050*1050*40
Base Unit(kg)	Kgs.		17	18	18	22	23	26	26	27	27	32
Panel(kg)			2,5			4,5		5	5			6

Air distributor panel + remote controller + drain pump are included in unit prices.

Remarks:

V.A.T. (20%) & inland freight is excluded in unit prices. CT-24 wired wall mounted controller is optional of price 46USD + 20% V.A.T.

NVM Cooling Heating Ventilation Systems Ltd. keeps its rights to reflect any differences in taxes and duties directly onto the unit prices

Fan Coil Testing Conditions (2 - tube system) :

Cooling Conditions:

** DB : 27° C, WB: 19,5° C indoor ambient temperature*

** Water Temp. (inlet / outlet) : 7° C / 12° C high speed*

Heating Conditions :

** DB: 21 °C, WB: 15 °C indoor ambient temperature*

** Water Temp. (inlet / outlet) : 60° C / 50° C high speed*

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MECO

Cassette Type 4-Way Blowing Fan Coil Unit (2025)

M - STYLE (4-Tube System)

MODEL (4-tube system)			MFP-34KM4(Q)MM1	MFP-51KM4(Q)MM1	MFP-68KM4(Q)MM1	MFP-85KM4(Q)MM2	MFP-102KM4(Q)MM2	MFP-136KM4(Q)MM3	MFP-170KM4(Q)MM3	MFP-204KM4(Q)MM3	MFP-238KM4(Q)MM3	MFP-272KM4(Q)MM4
Model of Unit			FP-34KM4(Q)M1	FP-51KM4(Q)M1	FP-68KM4(Q)M1	FP-85KM4(Q)M2	FP-102KM4(Q)M2	FP-136KM4(Q)M3	FP-170KM4(Q)M3	FP-204KM4(Q)M3	FP-238KM4(Q)M3	FP-272KM4(Q)M4
Panel Type			MB-SD11M1			MB-SD11M2		MB-SD11M3				MB-SD11M4
Power Supply			220V,50Hz,1Ph									
Air Volume	H	m^3/h	360	520	650	840	1000	1320	1660	1950	2090	2720
	M		290	420	510	670	800	1050	1330	1560	1670	2040
	L		220	310	390	500	600	790	1000	1170	1250	1360
Static Pressure		Pa	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Cooling capacity	Total	W	1950	2950	3700	4800	5700	7350	9600	10800	11750	13200
		BTU	6659	10074	12636	16392	19466	25100	32784	36882	40126	45078
Heating capacity	Total	W	1950	3000	3750	4850	5750	7400	9700	10900	11850	13500
		BTU	6659	10245	12806	16563	19636	25271	33126	37224	40468	46103
Sound	High	dB(A)	39	41	43	43	45	46	48	51	52	53
Power Input	Speed	W	40	50	58	70	95	130	160	190	210	230
Water (inlet)	Cooling &		ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Water (outlet)	heating coil		ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Coil	Type		Aluminum fin (Hydrophilic) with copper tube.									
Condensing water pipe			**Ø 26**									
Base Unit(mm)	L*W*H		590*590*242			750*750*242		840*840*242	840*840*292			946*946*292
Panel(mm)			650*650*40			850*850*40		950*950*40	950*950*40			1050*1050*40
Base Unit(kg)	Kgs.		19	20	20	25	26	28	30	30	31	33
Panel(kg)			2,5			4,5		5	5			6

Air distributor panel + remote controller + drain pump are included in unit prices.

Remarks:

V.A.T. (20%) & inland freight is excluded in unit prices. CT-24 wired wall mounted controller is optional of price 46USD + 20% V.A.T.

NVM Cooling Heating Ventilation Systems Ltd. keeps its rights to reflect any differences in taxes and duties directly onto the unit prices

Fan Coil Testing Conditions (4 - tube system) :

Cooling Conditions:

** DB : 27° C, WB: 19,5° C indoor ambient temperature*

** Water Temp. (inlet / outlet) : 7° C / 12° C high speed*

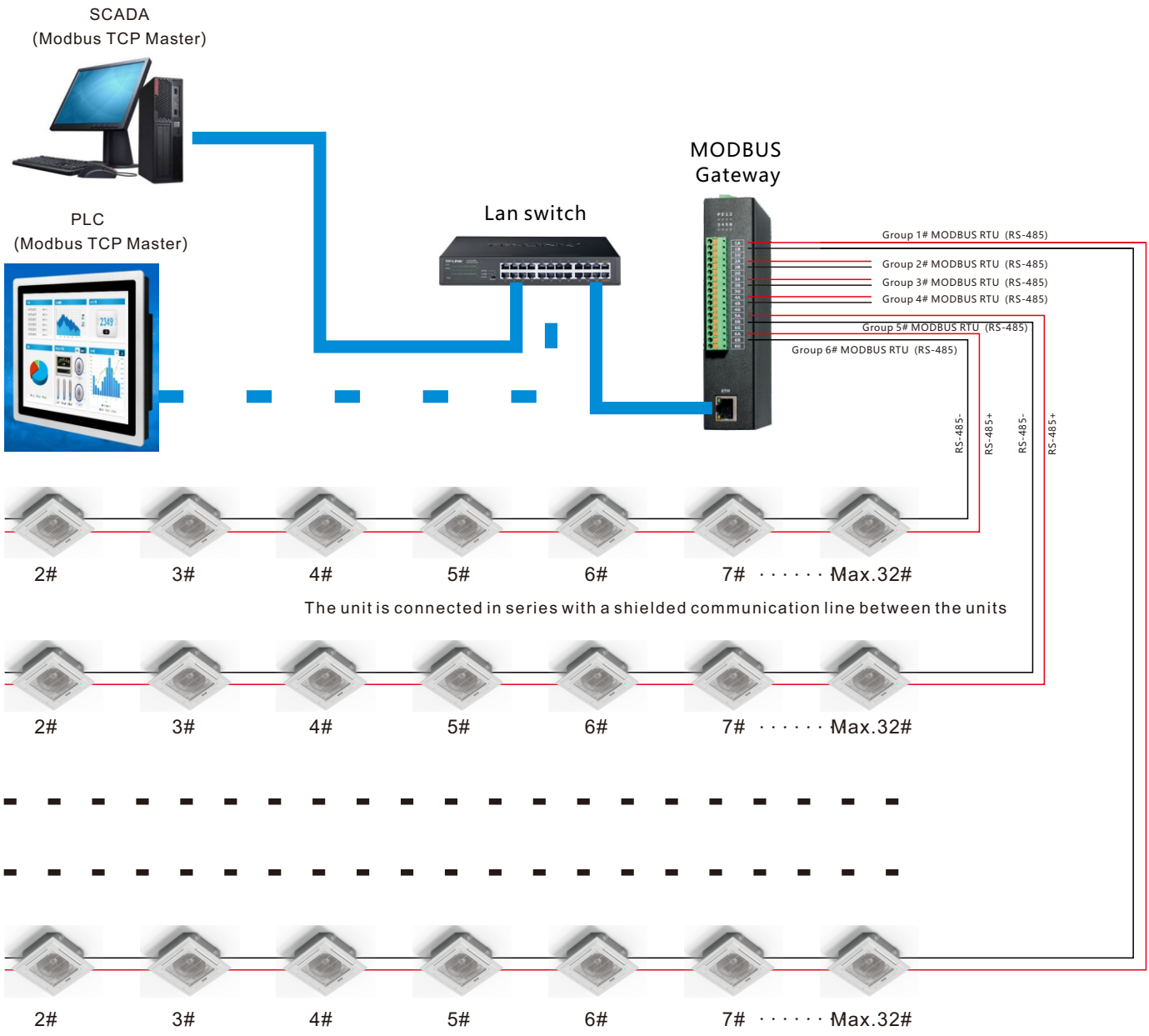
Heating Conditions :

** DB: 21℃, WB: 15℃ indoor ambient temperature*

** Water Temp. (inlet / outlet) : 60° C / 50° C high speed*

MOD-BUS SYSTEM CONNECTION (Optional)

The fan coil unit can connect into a mod-bus system.
Max.31 pcs(suggest less than 25pcs) FCU can act as a group , in the group, can not set a master FCU
it means in a group, all the address of FCU can not be No.1#, the address should be from 2# to 32#;
Max.1-16 group(decided to the MODBUS gateway selected) can act as a big group which connected with mod-bus system;
Means that a Mod-bus system can connect with Max.496pcs FCU(if the gateway have a 16 channels)



MODBUS Protocol	
Transfer Mode:RTU BAUDRate:9600bps, 8 data bit, 1 stop bit, Even parity bit	Wire control master, PCB slave, this protocol is universal for communication between the motherboard and wire control, as well as for motherboard networking communication

Holding register :

	word address	function	data type	remark
1	0	Power On/Off	Holding register	range0-1; 0 = OFF, 1=ON;
2	1	Sleep On/Off	Holding register	range0-1; 0 = OFF, 1=ON;
3	2	Swing On/Off	Holding register	range0-1; 0 = OFF, 1=ON;
4	3	Eheat On/Off	Holding register	range0-1; 0 = OFF, 1=ON;
5	4	Set Temp	Holding register	range16.0～31.0℃（Adjusting accuracy 0.5℃）; 160=16.0℃, 310=31.0℃;
6	5	Set Fan Speed	Holding register	5-speed speed regulation DC fan: 0=automatic, 1=ultra-low wind speed, 2=low wind speed, 3=medium wind speed, 4=high wind speed, 5=ultra-high wind speed; Range 0-5 Infinite speed regulation DC fan: 0=automatic, 30-100=30% -100% ultra-high; Range 0, 10 to 100
7	6	Mode Setup	Holding register	0=auto, 1=cooling, 2=dehumidification, 3 =heating, 4 =fan; range0～4;
8	7	indoor temperature	Holding register	range: ~300~999, 2000; ~300=sub zero 30.0℃, 999=99.9℃, 2000=error
9	8		Holding register	
10	9		Holding register	

Input register :

	word address	function	data type	remark
1	0	Operating wind speed (actual wind speed of the fan)	Input register	range: 200-1200RPM
2	1	Return air temperature	Input register	range: -300~999, 2000; -300=subzero30.0℃, 999=99.9℃, 2000=error
3	2	Tube temperature 1	Input register	range: -300~999, 2000; -300=subzero30.0℃, 999=99.9℃, 2000=error
4	3	Tube temperature 2 (at 4 pipe system)	Input register	range: -300~999, 2000; -300=subzero30.0℃, 999=99.9℃, 2000=error
5	4	Power on self starting function	Input register	range0-1; 0 = OFF, 1=ON;
6	5	anti-cold wind protection status	Input register	range0-1; 0 = OFF, 1=ON;
7	6	low temperature protection status(water temperature)	Input register	range0-1; 0 = OFF, 1=ON;
8	7	high temperature protection status(water temperature)	Input register	range0-1; 0 = OFF, 1=ON;
9	8	Electric heating output status	Input register	range0-1; 0 = OFF, 1=ON;
10	9	Water level alarm status	Input register	range0-1; 0 = no alarm, 1=alarm;
11	10	Pump output status	Input register	range0-1; 0 = OFF, 1=ON;
12	11	Fan malfunction (for DC fans)	Input register	range0-1; 0 = no error, 1=error;
13	12	Centralized control address	Input register	range1-247;
14	13	Test dialing status	Input register	For factory testing purposes
15	14	Factory testing status	Input register	For factory testing purposes
16	15	Real time gear of motor	Input register	1=super low fan speed, 2=low fan speed, 3=mid fan speed, 4=high fan speed, 5=super high fan speed;
17	16	ater valve output (cold valve and hot valve with two pipes	Input register	range0-1; 0 = OFF, 1=ON;
18	17	Water valve output (four pipe hot valve)	Input register	range0-1; 0 = OFF, 1=ON;

MASTER & SLAVE NET WORK

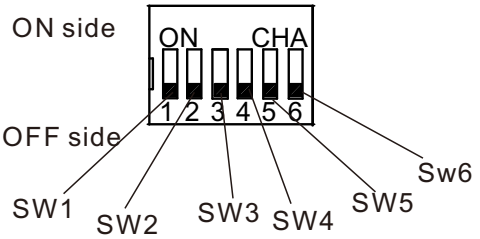
A number of units can be grouped together via communication cable to form a group network. The maximum grouping is 32 fan coils. The master unit can global control and/or addressable control the salve unit(s): on/off, mode, set temperature, swing, sleep and fan speed and timer on/off program.

1. Master/slave function instruction:
1.1 Build up a group which include less than 32 Pcs FCU, definite a master FCU, and set the address of each slave fcu(every FCU should have a different address in a group),then we can control all the FCUs inside the group by using a wire controller of the master FCU.
1.2 The control can include : On/off , mode , setting temp., swing , sleep and timer;
1.3 Can control the FCUs with a same running statement(Group controlling) , or control the slave FCU separately by setting the address for each FCU(Separately controlling).

2. Master/slave installation
2.1 Address setting for each FCU
2.1.1 Setting the address by adjust the dip switch on PCB
There have a “address setting dip switch” inside the P.C.B;
The default address is “1#”

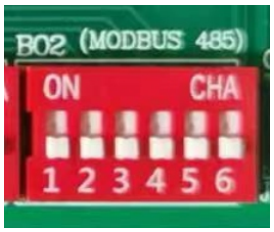
SW1	SW2	SW3	SW4	SW5	SW6	Unit No(address)
OFF	OFF	OFF	OFF	OFF	OFF	1
ON	OFF	OFF	OFF	OFF	OFF	2
OFF	ON	OFF	OFF	OFF	OFF	3
ON	ON	OFF	OFF	OFF	OFF	4
OFF	OFF	ON	OFF	OFF	OFF	5
ON	OFF	ON	OFF	OFF	OFF	6
OFF	ON	ON	OFF	OFF	OFF	7
ON	ON	ON	OFF	OFF	OFF	8
OFF	OFF	OFF	ON	OFF	OFF	9
ON	OFF	OFF	ON	OFF	OFF	10
OFF	ON	OFF	ON	OFF	OFF	11
ON	ON	OFF	ON	OFF	OFF	12
OFF	OFF	ON	ON	OFF	OFF	13
ON	OFF	ON	ON	OFF	OFF	14
OFF	ON	ON	ON	OFF	OFF	15
ON	ON	ON	ON	OFF	OFF	16
OFF	OFF	OFF	OFF	ON	OFF	17
ON	OFF	OFF	OFF	ON	OFF	18
OFF	ON	OFF	OFF	ON	OFF	19
ON	ON	OFF	OFF	ON	OFF	20
OFF	OFF	ON	OFF	ON	OFF	21
ON	OFF	ON	OFF	ON	OFF	22
OFF	ON	ON	OFF	ON	OFF	23
ON	ON	ON	OFF	ON	OFF	24
OFF	OFF	OFF	ON	ON	OFF	25
ON	OFF	OFF	ON	ON	OFF	26
OFF	ON	OFF	ON	ON	OFF	27
ON	ON	OFF	ON	ON	OFF	28
OFF	OFF	ON	ON	ON	OFF	29
ON	OFF	ON	ON	ON	OFF	30
OFF	ON	ON	ON	ON	OFF	31
ON	ON	ON	ON	ON	OFF	32

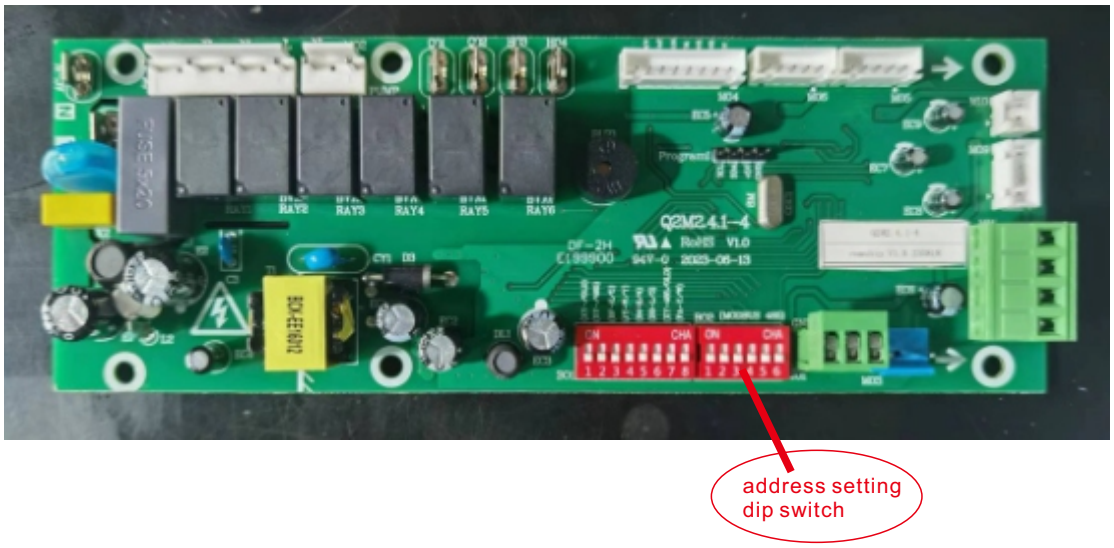
Position on PCB:B02(modbus 485)



Address setting sample:

1#(MASTER) 2#(slave) 3#(slave) 19#(slave)





2.1.2 Setting the address by wire controller

We can also use the wire controller(optional) to do the address setting for each FCU;

The default address is “1#”.

If we installed the wire controller, the address setting of FCU will abide by the setting of wire controller.

It means if we installed wire controller,even we do address setting to main pcb, the system will act the address from wire controller as the priority setting.

2.1.2.1 Press and hold the mode key for 3 seconds to enter the function setting mode interface. The 88 area displays the function code. Use the fan speed key to switch the function code to F8, and use the adjust key(up) or the tadjust key (down) to change the address No. .

2.1.2.2Press the mode key to exit the function setting mode, or automatically exit after 10 seconds of inactivity

Item	Function name	Icon
1	power ON/OFF the FCU	
2	running Mode	
3	Fan speed	
4	Air swing	
5	adjust key(Down)	
6	adjust key(Up)	

function code	function name	setting solution
F1	sleeping mode	The swing key can be turned on or off, and can only be set when the unit is turned on and in cooling and heating mode
F2	anion	The swing key can be turned on or off, and can only be set when the unit is turned on
F3	Reservation	The swing key can be turned on or off, now It is only reservation
F4	electric heater	The swing key can be turned on or off, and can only be set only when the unit is turned on in heating mode
F5	timing on	The swing key can be turned on or off the timing mode, then press up and down to change the timing
F6	timing off	The swing key can be turned on or off the timing mode, then press up and down to change the timing
F7	Cycle timing	This function can only be accessed when the timing switches are turned on. The up and down keys turn on or off the cycle timing function
F8	No. setting	Press up and down to change the local machine number, and you can set the 01-32 number
F9	Clock setting	Up and down keys to change the actual time

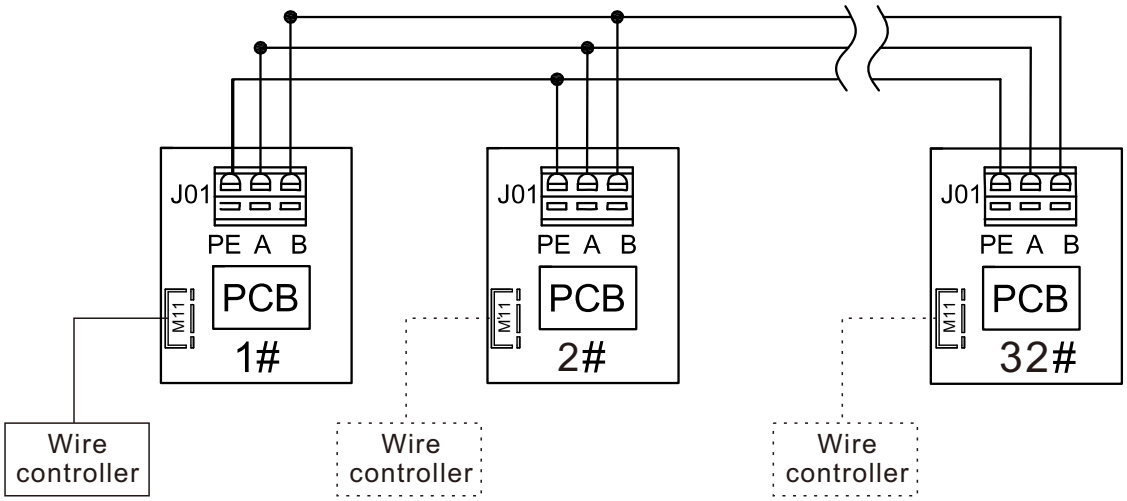
2.2 Group controlling

a) Connect all the units PCBs according to following drawing.
b) Select the master unit to setting the address to “1#” by adjust the dip switch on the main PCB and wire controller;
c) Connect the wire controller to the MASTER fan coil
d) Set the address of all slave FCU by PCB or wire controller(for the FCU which link with wire controller) ,make sure that the address can not be duplicate
e) Switch on the units by connecting the main power supply.
e) Using the wire controller which connect to the MASTER unit to do the running setting of the group;

Press the combination key (M + V) to enter the networked control mode or exit the networked control mode.

- When you first enter the networked control mode, UNIT NO flashes, and the default display "ALL" indicates collective control;
- When UNIT NO flashes, you can press the up and down keys to change the controlled machine number. After stopping the change for 3 seconds, UNIT NO displays a fixed value and no longer flashes. At this time, the machine number cannot be changed
- When the networking icon flashes, you can change the switch on, mode, wind speed, swing, temperature settings, and so on.
  - Automatically send three control commands after no operation for 3 seconds;
  - After sending the command, if there is no operation within 10 seconds, automatically exit the networked control mode;
  - You can also press the combination key (M + V) in advance to exit the networked control mode.

Connection sketch draft for group/separately controlling
Max.qty in a group =32pcs ;



2.3 Separately controlling

a) use master wire controller to do separately controlling to a slave unit
b) use the wire controller which link with the FCU to operate the FCU itself only
c) use a remote controller to control the FCU seperatedly

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MECO

Cassette Type 4-Way Blowing Fan Coil Spare Parts - 2025

(2 - Pipe & 4 - Pipe System)

MODEL	Fan Motor	Control Board (P.C.B)	Drain Pump	Water Level Switch	Sensor	Drain Pipe	Drain Tray	Fan	Air Distributor Panel Grille	Swing Motor	Remote Controller CT10	Wired Controller CT24	Filter (G3)
MFP-34KM4													
MFP-51KM4													
MFP-68KM4													
MFP-85KM4													
MFP-102KM4													
MFP-136KM4													
MFP-170KM4													
MFP-204KM4													
MFP-238KM4													
MFP-272KM4													

Remarks:

V.A.T. (20%) & inland freight is excluded in unit prices.

NVM Cooling Heating Ventilation Systems Ltd. keeps its rights to reflect any differences in taxes and duties directly onto the unit prices

Fan Coil Testing Conditions :

Cooling Conditions:

** DB : 27 ° C, WB: 19,5 ° C indoor ambient temperature*

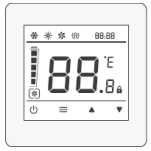
** Water Temp. (inlet / outlet) : 7 ° C / 12 ° C high speed*

Heating Conditions :

** DB: 21 ℃, WB: 15 ℃ indoor ambient temperature*

** Water Temp. (inlet / outlet) : 60 ° C / 50 ° C high speed*

1. Remote controller CT-10
2. Wired controller CT-24 (Optional)
3. Soft drainpipe
4. Grill (Filter inside)
5. Lamp board (Receiver)
6. Louver
7. Water inlet connection
8. Water outlet connection
9. Air vent valve
10. Electric box
11. Drain water outlet
12. Hanging hook
13. Cassette FCU body (Master unit)
14. Panel



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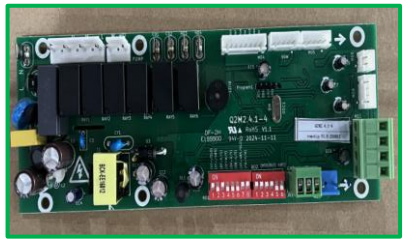
MECO

Cassette Type 4-Way Blowing Fan Coil Spare Parts - 2025

(2 - Pipe & 4 - Pipe System)

FAN MOTOR

P.C.B (Electronic Control Board)



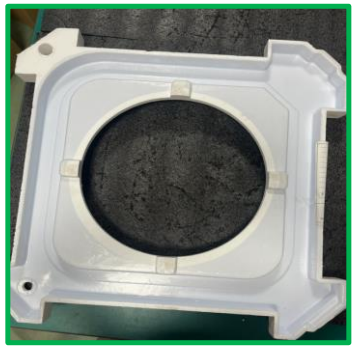
FAN

DRAIN PUMP

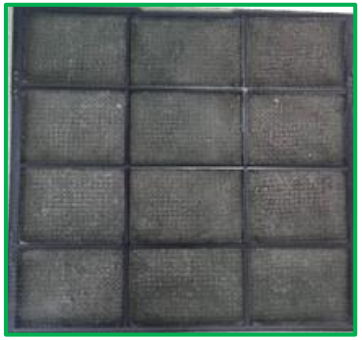
SWING MOTOR (for panel)

PANEL (Air Distributor)

DRAIN TRAY



G3 FILTER



WATER LEVEL SWITCH

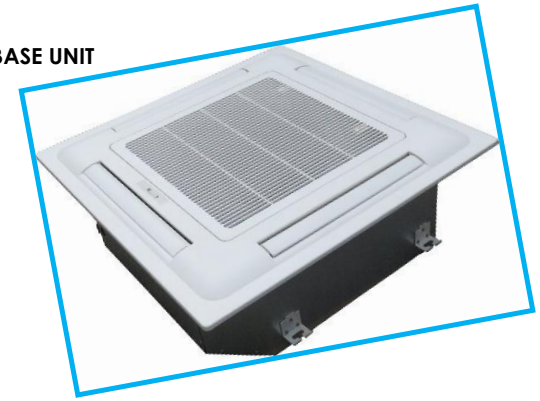
SENSOR

DRAIN HOSE / PIPE

CT24 Wired Wall Controller

CT10 Remote Controller

FAN COIL BASE UNIT



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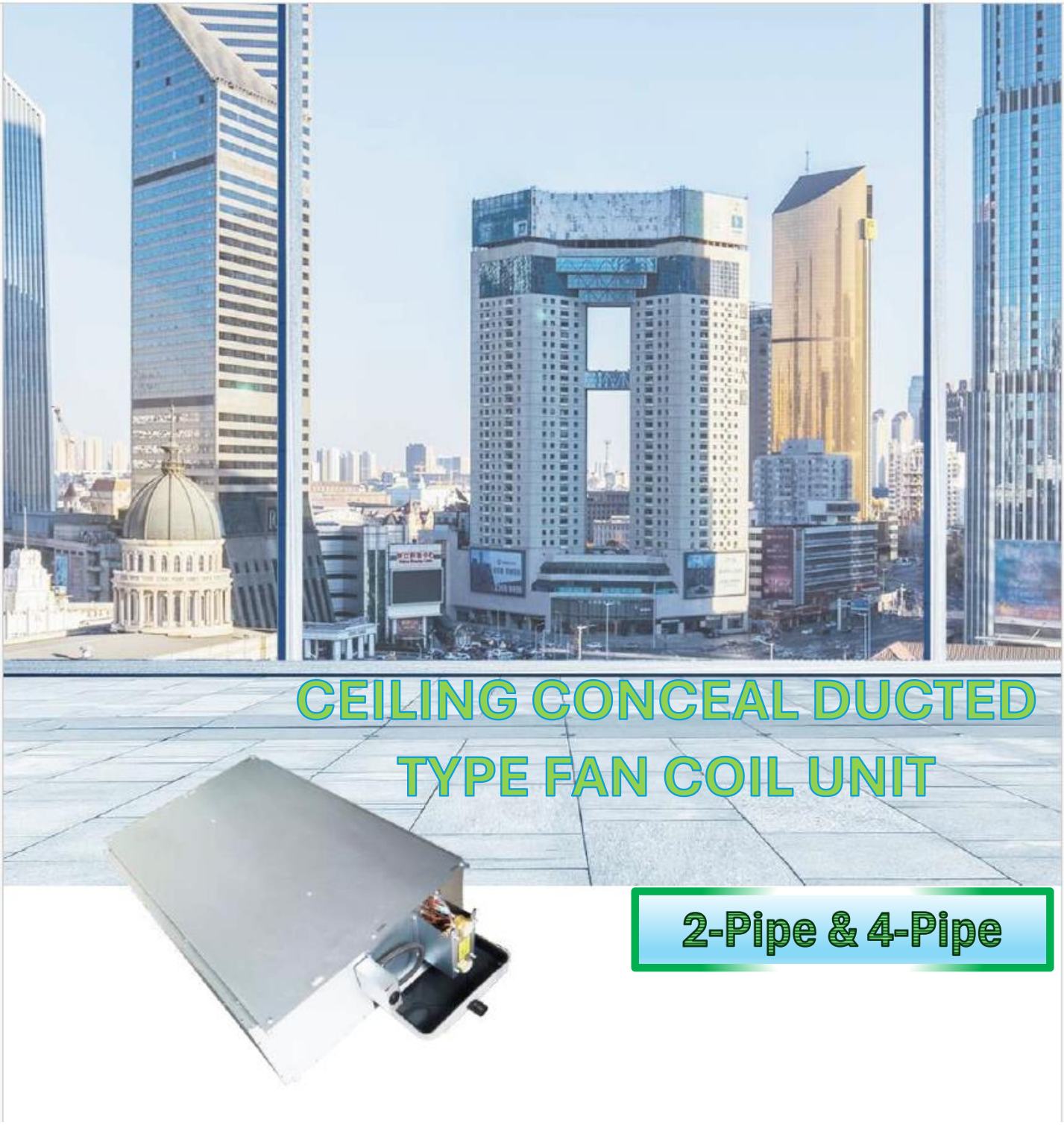

CEILING CONCEAL DUCTED TYPE FAN COIL UNIT

2-Pipe & 4-Pipe

Product List - 2025

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MECO

CEILING CONCEAL DUCT TYPE FAN COIL - (2025)

3 Row Coil (2- Tube System)

MODEL B-Style (2-tube system)			MFP-34WA-B	MFP-51WA-B	MFP-68WA-B	MFP-85WA-B	MFP-102WA-B	MFP-136WA-B	MFP-170WA-B	MFP-204WA-B	MFP-238WA-B
FCU Technical Features (30Pa)											
Power Supply			220V,50Hz,1Ph								
Air volume	H	m^3/h	340	510	680	850	1020	1360	1700	2040	2380
	M		270	380	515	660	765	1040	1280	1550	1800
	L		190	260	340	430	530	710	860	1050	1280
Static pressure		Pa	**30**								
Cooling capacity	Total	W	2150	3200	4000	5000	5800	8000	9500	11300	12800
		BTU	7342	10928	13660	17075	19807	27320	32443	38590	43712
Heating capacity	Total	W	3350	5050	6250	7900	9150	12500	15100	17800	20100
		BTU	11440	17246	21344	26979	31247	42688	51567	60787	68642
Sound Level	High	dB(A)	39	41	43	45	48	49	50	52	54
Power	Speed	W	44	59	72	87	108	156	174	212	253
Water (inlet)	Cooling & heating coil		ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Water (outlet)			ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Coil	Type		Aluminum fin (Hydrophilic) with copper tube.								
Condensation Pipe Size			**DN20 (External thread)**								
Base Unit(mm)	L*W*H		624*465*235mm	814*465*235mm	864*465*235mm	944*465*235mm	1044*465*235mm	1424*465*235mm	1474*465*235mm	1674*465*235mm	1824*465*235mm
Base Unit(kg)	Kgs.		11	13	14	16	17	26	29	32	34

Nylon Filter and Plenium are included in unit prices.

Remarks:

V.A.T. (20%) & inland freight is excluded in unit prices. CT-41 wired wall mounted controller is optional of price 46USD + 20% V.A.T.

NVM Cooling Heating Ventilation Systems Ltd. keeps its rights to reflect any differences in taxes and duties directly onto the unit prices

Fan Coil Testing Conditions (2 - tube system) :

Cooling Conditions:

** DB : 27° C, WB: 19,5° C indoor ambient temperature*

** Water Temp. (inlet / outlet) : 7° C / 12° C high speed*

Heating Conditions :

** DB: 21℃, WB: 15℃ indoor ambient temperature*

** Water Temp. (inlet / outlet) : 60° C / 50° C high speed*

NVM SOĞUTMA ISITMA HAVALANDIRMA SİSTEMLERİ LTD.ŞTİ.

MECO

CEILING CONCEAL DUCT TYPE FAN COIL - (2025)

3 + 1 Row Coil (4- Tube System)

MODEL B-Style (4-tube system)			MFP-34WA4-B	MFP-51WA4-B	MFP-68WA4-B	MFP-85WA4-B	MFP-102WA4-B	MFP-136WA4-B	MFP-170WA4-B	MFP-204WA4-B	MFP-238WA4-B
FCU Technical Features (30Pa)											
Power Supply			220V,50Hz,1Ph								
Air volume	H	m^3/h	340	510	680	850	1020	1360	1700	2040	2380
	M		270	380	515	660	765	1040	1280	1550	1800
	L		190	260	340	430	530	710	860	1050	1280
Static pressure		Pa	**30**								
Cooling capacity	Total	W	2150	3200	4000	5000	5800	8000	9500	11300	12800
		BTU	7342	10928	13660	17075	19807	27320	32443	38590	43712
Heating capacity	Total	W	1350	2000	2500	3150	3650	5000	6000	7100	8000
		BTU	4610	6830	8538	10757	12465	17075	20490	24247	27320
Sound Level	High Speed	dB(A)	39	41	43	45	48	49	50	52	54
Power		W	44	59	72	87	108	156	174	212	253
Water (inlet)	Cooling & heating coil		ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Water (outlet)			ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Coil	Type		Aluminum fin (Hydrophilic) with copper tube.								
Condensation Pipe Size			**DN20 (External thread)**								
Base Unit(mm)	L*W*H		624*465*235mm	814*465*235mm	864*465*235mm	944*465*235mm	1044*465*235mm	1424*465*235mm	1474*465*235mm	1674*465*235mm	1824*465*235mm
Base Unit(kg)	Kgs.		12	14	15	18	19	28	32	35	37

Nylon Filter and Plenium are included in unit prices.

Remarks:

V.A.T. (20%) & inland freight is excluded in unit prices. CT-41 wired wall mounted controller is optional of price 46USD + 20% V.A.T.

NVM Cooling Heating Ventilation Systems Ltd. keeps its rights to reflect any differences in taxes and duties directly onto the unit prices

Fan Coil Testing Conditions (4 - tube system) :

Cooling Conditions:

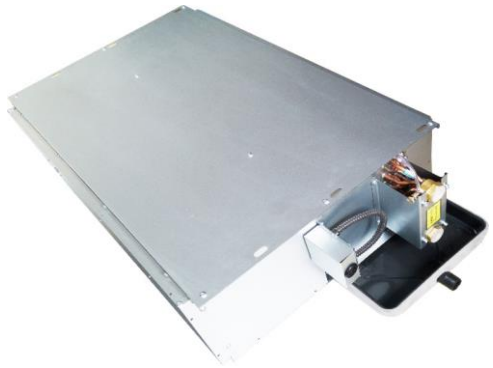
** DB : 27 ° C, WB: 19,5 ° C indoor ambient temperature*

** Water Temp. (inlet / outlet) : 7 ° C / 12 ° C high speed*

Heating Conditions :

** DB: 21 ℃, WB: 15 ℃ indoor ambient temperature*

** Water Temp. (inlet / outlet) : 60 ° C / 50 ° C high speed*



NVM SOĞUTMA ISITMA HAVALANDIRMA SİSTEMLERİ LTD.ŞTİ.

UNIVERSAL Type Floor Standing Fan Coil Unit

Product List - 2025

NVM SOĞUTMA ISITMA HAVALANDIRMA SİSTEMLERİ LTD.ŞTİ.

MECO

UNIVERSAL Type Floor Standing Fan Coil Unit with Cassette - (2025)

(2-Tube System)

MODEL (2-tube system)			MFP-34TMA-SL	MFP-51TMA-SL	MFP-68TMA-SL	MFP-85TMA-SL	MFP-102TMA-SL	MFP-136TMA-SL	MFP-170TMA-SL	MFP-204TMA-SL	MFP-238TMA-SL
			MFP-34TMA-BL	MFP-51TMA-BL	MFP-68TMA-BL	MFP-85TMA-BL	MFP-102TMA-BL	MFP-136TMA-BL	MFP-170TMA-BL	MFP-204TMA-BL	MFP-238TMA-BL
FCU Technical Features (30Pa)											
Power Supply			220V,50Hz,1Ph								
Air volume	H	m^3/h	340	510	680	850	1020	1360	1700	2040	2380
	M		260	390	510	640	770	1020	1280	1530	1790
	L		170	260	340	430	510	680	850	1020	1190
Static pressure		Pa	30								
Cooling capacity	Total	W	1800	2700	3600	4500	5400	7200	9000	10800	12600
		BTU	6147	9221	12294	15368	18441	24588	30735	36882	43029
Heating capacity	Total	W	2700	4050	5400	6750	8100	10800	13500	16200	18900
		BTU	9221	13831	18441	23051	27662	36882	46103	55323	64544
Sound level	High speed	dB(A)	37	39	41	43	45	46	48	50	51
Power		W	37	52	62	76	96	134	152	189	228
Water (inlet)	Cooling & heating coil		ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Water(outlet)			ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Coil	Type		High efficient copper pipe with aluminum (Hydrophilic) coil.								
Condensation pipe size			Ø 16								
Base Unit(mm)	L*W*H		858*250*595mm	908*250*595mm	1058*250*595mm	1208*250*595mm	1258*250*595mm	1608*250*595mm	1758*250*595mm	1908*250*595mm	2058*250*595mm
Base Unit(kg)	Kgs.		20	23	26	28	29	41	43	47	51

Nylon filter & 3-Speed Wired Controller & Legs are included in Unit Prices.

Remarks:

V.A.T. (20%) & inland freight is excluded in unit prices.

NVM Cooling Heating Ventilation Systems Ltd. keeps its rights to reflect any differences in taxes and duties directly onto the unit prices

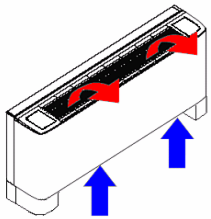
Fan Coil Testing Conditions (2 - tube system) :

Cooling Conditions:

* DB : 27°C, WB: 19,5°C indoor ambient temperature
* Water Temp. (inlet / outlet) : 7°C / 12°C high speed

Heating Conditions :

* DB: 21°C , WB: 15°C indoor ambient temperature
* Water Temp. (inlet / outlet) : 60°C / 50°C high speed



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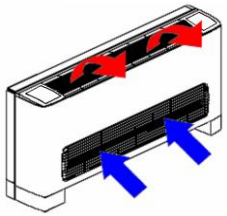


inlet front (SL)

NVM SOĞUTMA ISITMA HAVALANDIRMA SİSTEMLERİ LTD.ŞTİ.

MECO

UNIVERSAL Type Floor Standing Fan Coil Unit with Cassette - (2025)

(4-Tube System)

MODEL (4-tube system)			MFP-34TMA4-SL / MFP-34TMA4-BL	MFP-51TMA4-SL / MFP-51TMA4-BL	MFP-68TMA4-SL / MFP-68TMA4-BL	MFP-85TMA4-SL / MFP-85TMA4-BL	MFP-102TMA4-SL / MFP-102TMA4-BL	MFP-136TMA4-SL / MFP-136TMA4-BL	MFP-170TMA4-SL / MFP-170TMA4-BL	MFP-204TMA4-SL / MFP-204TMA4-BL	MFP-238TMA4-SL / MFP-238TMA4-BL
FCU Technical Features (30Pa)											
Power Supply			220V,50Hz,1Ph								
Air volume	H	m^3/h	340	510	680	850	1020	1360	1700	2040	2380
	M		260	390	510	640	770	1020	1280	1530	1790
	L		170	260	340	430	510	680	850	1020	1190
Static pressure		Pa	**30**								
Cooling capacity	Total	W	1800	2700	3600	4500	5400	7200	9000	10800	12600
		BTU	6147	9221	12294	15368	18441	24588	30735	36882	43029
Heating capacity	Total	W	1300	1940	2590	3240	3890	5180	6480	7780	9070
		BTU	4440	6625	8845	11065	13284	17690	22129	26569	30974
Sound level	High speed	dB(A)	37	39	41	43	45	46	48	50	51
Power		W	37	52	62	76	96	134	152	189	228
Water (inlet)	Cooling & heating coil		ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Water(outlet)			ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Coil	Type		High efficient copper pipe with aluminum (Hydrophilic) coil.								
Condensation pipe size			**Ø 16**								
Base Unit(mm)	L*W*H		858*250*595mm	908*250*595mm	1058*250*595mm	1208*250*595mm	1258*250*595mm	1608*250*595mm	1758*250*595mm	1908*250*595mm	2058*250*595mm
Base Unit(kg)	Kgs.		22	25	28	30	31	43	45	49	53

Nylon filter & 3-Speed Wired Controller & Legs are included in Unit Prices.

Remarks:

V.A.T. (20%) & inland freight is excluded in unit prices.

NVM Cooling Heating Ventilation Systems Ltd. keeps its rights to reflect any differences in taxes and duties directly onto the unit prices

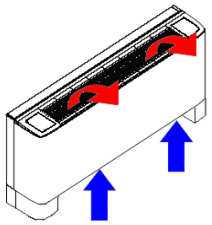
Fan Coil Testing Conditions (4 - tube system) :

Cooling Conditions:

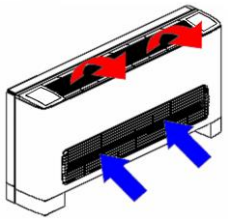
* DB : 27°C, WB: 19,5°C indoor ambient temperature
* Water Temp. (inlet / outlet) : 7°C / 12°C high speed

Heating Conditions :

* DB: 21°C , WB: 15°C indoor ambient temperature
* Water Temp. (inlet / outlet) : 60°C / 50°C high speed



inlet below (BL)



inlet front (SL)

NVM SOĞUTMA ISITMA HAVALANDIRMA SİSTEMLERİ LTD. ŞTİ.

HIGH STATIC PRESSURE DUCT TYPE FAN COIL (HAW Serisi)

2-Pipe ve 4-Pipe

Product List -2025

NVM SOĞUTMA ISITMA HAVALANDIRMA SİSTEMLERİ LTD.ŞTİ.

MECO

HIGH STATIC PRESSURE DUCT TYPE FAN COIL (HAW Serisi) - 2025

FCU Technical Features (120Pa)

Model	Unit	MFP-136HA(W)	MFP-170HA(W)	MFP-204HA(W)	MFP-238HA(W)	MFP-272HA(W)	MFP-306HA(W)	MFP-340HA(W)	MFP-408HA(W)
Air Volume (H)	m^3/h	1360	1700	2040	2380	2720	3060	3400	4080
Air Volume (M)	m^3/h	1090	1360	1635	1900	2180	2450	2720	3260
Air Volume (L)	m^3/h	815	1020	1225	1430	1630	1830	2040	2450
Cooling (total)	W	7200	9000	10800	12600	14400	16200	18000	21600
Heating (total)	W	10800	13500	16200	18900	21600	24300	27000	32400
Water Volume (cooling)	m^3/h	1,23	1,54	1,85	2,16	2,46	2,77	3,08	3,7
Static Pressure	Pa	**120**	**120**	**120**	**120**	**120**	**120**	**120**	**120**
Water Pressure kPa (Cooling)	kPa	25	28	30	35	36	42	43	50
Fan	Type	Çift girişli - ileri eğimli santrifüj fan							
	quantity	**1**	**2**						
Motor	Type	3 hız hızlı kondansatörlü motor							
	quantity	**1**							
	Power Supply	**220V~ 50Hz 1Ph**							
	Power Input (W)	380	420	450	520	550	880	900	1100
Coil (Batarya)	Type	Alüminyum kanatlı (Hydrophilic) - bakır borulu							
	working pressure	1.6MPa							
	coil faced area (m^2)	0,256	0,285	0,285	0,334	0,334	0,402	0,402	0,494
Pipe Water Connection	Water Inlet	ZG3/4"							
	Water Outlet	ZG3/4"							
	Water Drainage	ZG3/4"							
Condensing Water Pipe	mm	**DN20** (harici dişli tip)							
Sound Pressure	High Speed dB(A)	51	51	52	54	54	56	56	57
	Dimensions (mm)	970*760*425	1050*760*425	1050*760*425	1190*760*425	1190*760*425	1380*760*425	1380*760*425	1640*760*425
	Weight (kg)	47	49	50	54	55	60	61	80

2 - Tube System

Remarks:

V.A.T. (20%) & inland freight is excluded in unit prices. CT-41 wired wall mounted controller is optional of price 46USD + 20% V.A.T.

NVM Cooling Heating Ventilation Systems Ltd. keeps its rights to reflect any differences in taxes and duties directly onto the unit prices

Fan Coil Testing Conditions (2- tube system) :

Cooling Conditions:

** DB : 27° C, WB: 19,5° C indoor ambient temperature*

** Water Temp. (inlet / outlet) : 7° C / 12° C high speed*

Heating Conditions :

** DB: 21℃, WB: 15℃ indoor ambient temperature*

** Water Temp. (inlet / outlet) : 60° C / 50° C high speed*

NVM SOĞUTMA ISITMA HAVALANDIRMA SİSTEMLERİ LTD.ŞTİ.

MECO

HIGH STATIC PRESSURE DUCT TYPE FAN COIL (HAW Serisi) - 2025

FCU Technical Features (100Pa)

Model	Unit	MFP-136HA(W)4	MFP-170HA(W)4	MFP-204HA(W)4	MFP-238HA(W)4	MFP-272HA(W)4	MFP-306HA(W)4	MFP-340HA(W)4	MFP-408HA(W)4
Air Volume (H)	m^3/h	1360	1700	2040	2380	2720	3060	3400	4080
Air Volume (M)	m^3/h	1090	1360	1635	1900	2180	2450	2720	3260
Air Volume (L)	m^3/h	815	1020	1225	1430	1630	1830	2040	2450
Cooling (total)	W	7200	9000	10800	12600	14400	16200	18000	21600
Heating (total)	W	4600	5760	6900	8050	9200	10400	11500	13800
Water Volume (cooling)	m^3/h	1,23	1,54	1,85	2,16	2,46	2,77	3,08	3,7
Water Volume (heating)		0,53	0,66	0,79	0,92	1,06	1,19	1,32	1,58
Static Pressure	Pa	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Water Pressure kPa (Cooling)	kPa	25	28	30	35	36	42	43	50
Water Pressure kPa (Heating)		12	12	14	17	18	21	22	27
Fan	Type	double inlet forward-curve centrifugal fan							
	quantity	**1**	**2**						
Motor	Type	3 speed permanent split capacity motor							
	quantity	**1**							
	Power Supply	**220V~ 50Hz 1Ph**							
	Power Input (W)	380	420	450	520	550	880	900	1100
Coil	Type	Aluminum fin (Hydrophilic) with copper tube.							
	working pressure	1.6MPa							
	coil faced area (m^2)	0,256	0,285	0,285	0,334	0,334	0,402	0,402	0,494
Pipe Water Connection (Cooling / Heating)	Water Inlet	ZG3/4"							
	Water Outlet	ZG3/4"							
	Water Drainage	ZG3/4"							
Condensing Water Pipe	mm	**DN20** (External thread)							
Sound Pressure	High Speed dB(A)	51	51	52	54	54	56	56	57
	Dimensions (mm)	970*760*425	1050*760*425	1050*760*425	1190*760*425	1190*760*425	1380*760*425	1380*760*425	1640*760*425
	Weight (kg)	49	51	52	56	57	63	64	84

4 - Tube System

Remarks:

V.A.T. (20%) & inland freight is excluded in unit prices. CT-41 wired wall mounted controller is optional of price 46USD + 20% V.A.T.

NVM Cooling Heating Ventilation Systems Ltd. keeps its rights to reflect any differences in taxes and duties directly onto the unit prices

Fan Coil Testing Conditions (4 - tube system) :

Cooling Conditions:

** DB : 27° C, WB: 19,5° C indoor ambient temperature*

** Water Temp. (inlet / outlet) : 7° C / 12° C high speed*

Heating Conditions :

** DB: 21℃, WB: 15℃ indoor ambient temperature*

** Water Temp. (inlet / outlet) : 60° C / 50° C high speed*

The Expert of Fan Coil Unit.

Cassette Type 4 - Way Blowing FCU

CT10

Wireless Remote Controller

Universal Type Floor Standing FCU

Ceiling Conceal Duct Type FCU

HAW - High Static Pressure Duct Type FCU (120Pa)

CT24

Wall Mounted Wired Controller

CT41 (3 - Speed)

Wall Mounted Wired Controller

We make your HVAC

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