

Floor Ceiling Indoor Unit



- ❖ Two installation options are available: horizontal against the ceiling or vertically against the floor/wall, idea for wide rooms with no ceilings
- ❖ DC fan motor, 7 fan speeds, 5 steps fan swing
- ❖ Standard with wireless remote controller, optional with wired remote controller
- ❖ 24V universal communication, compatible with 24V condenser units
- ❖ Compatible with the 3rd party 24V thermostats
- ❖ RTCA certified

Specifications

Indoor Unit Model		-	PTMN36-C2	PTMN60-C2
Power supply		V-Ph-Hz	208/230V-1Ph-60hz	208/230V-1Ph-60hz
Performance	Cooling Capacity	Btu/h	36,200	55,000
	SEER	Btu/h*W	15	16
	EER	Btu/h*W	10.2	9
Indoor Motor	Type	-	PSC	PSC
	Motor HP	HP	1/12	1/12
Indoor Fan	Material	-	Plastic	Plastic
	Type	-	Centrifugal fan	Centrifugal fan
Indoor Coil	Tube material	-	Copper	Copper
	Fin type	-	Hydrophilic Aluminium	Hydrophilic Aluminium
Air Flow		CFM	583/647/712/777/842/907/971	777/844/910/977/1044/1111/1177
Indoor Sound Pressure Level		dB(A)	32.1/33.8/36.3/38.8/41.5/42.4/44	39.8/42.6/44.5/46.6/48.3/50.1/52
Dimension & Weight	Unit Dimension (W×H×D)	mm	1650 ×235×675	1650 ×235×675
		inch	65 × 9-1/4 × 26-9/16	65 × 9-1/4 × 26-9/16
	Packing Dimension (W×H×D)	mm	1775×330×760	1775×330×760
		inch	69-7/8× 13×30	69-7/8× 13×30
Net/Gross weight	kg	36.4/42.2	36.4/42.2	
	lb	80.3/93.1	80.3/93.1	
Refrigerant System	Liquid Line Size	inch	3/8	3/8
	Vapor Line Size	inch	3/4	3/4
	Throttle Type	-	EEV	EEV
	Refrigerant Type	-	R410A	R410A
	Connecting Method	-	Thread	Thread
Drainage water pipe diameter		inch	1	1

Notes:
 1. The performance and efficiency ratio are rated at AHRI 210/240, MUHL-36CRN1-M(B) match with MOVA-36HDN1-M20G, MUHL-60CRN1-M(B) match with MOVA-60HDN1-M20G.
 2. Air flow and sound pressure level are from the lowest speed to the highest speed, total 7 rates for each model.
 3. Specifications are subject to change without prior notice for product improvement.

AHU Indoor Unit

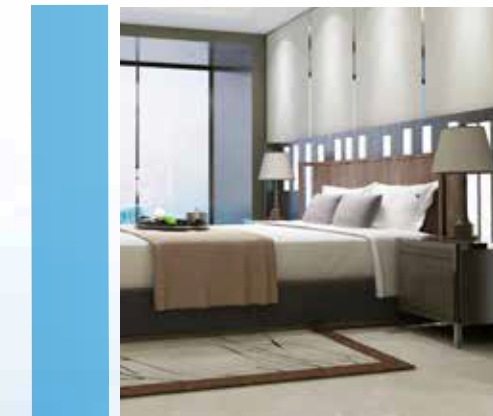
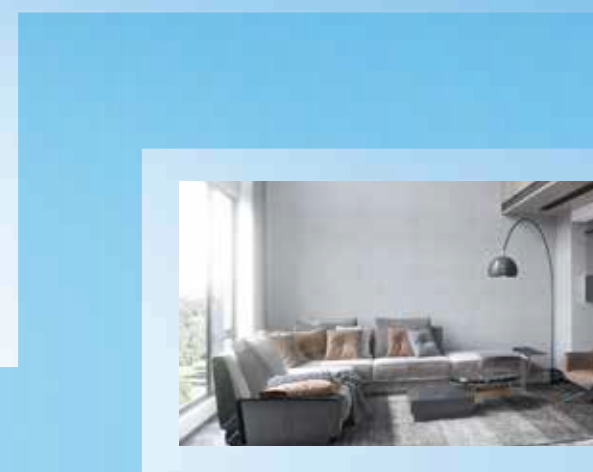


- ❖ Constant torque ECM motor optimizes efficiency and sound
- ❖ 4-position installation: upflow, horizontal right and downflow, horizontal left (field convertible discharge)
- ❖ Primary and secondary drain connections for the drain pan
- ❖ Factory installed TXV
- ❖ 24V universal communication, can be compatible with other 24V condenser units
- ❖ Compatible with the 3rd party 24V thermostats
- ❖ AHRI Listed & ETL Certified

Specifications

Indoor Unit Model		-	AHM36-C2	AHM36-C2	AHM36-C2	AHM36-C2
Matched Outdoor Unit Model		-	AHM60-C2	AHM60-C2	AHM60-C2	AHM60-C2
Power Supply		-	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Performance	Cooling Capacity	Btu/h	24,000	33,800	45,000	55,000
	SEER2	Btu/h*W	11.7	10.2	11.7	10.2
	SEER2	Btu/h*W	17.5	17.5	17.5	18
Indoor Fan	Material	-	Metal	Metal	Metal	Metal
	Type	-	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Indoor Motor	Type	-	ECM	ECM	ECM	ECM
	Motor HP	HP	1/3	1/2	3/4	3/4
Indoor coil	Tube material	-	Aluminium	Aluminium	Aluminium	Aluminium
	Fin type	-	Hydrophilic Aluminium	Hydrophilic Aluminium	Hydrophilic Aluminium	Hydrophilic Aluminium
Rated Indoor Air Flow (H/M/L)		CFM	700	1220	1580	1720
Max. ESP		in.wg	0.18	0.23	0.28	0.28
Indoor Sound Level (Sound Power Level)		dB(A)	53/47/44	54/49/46	55/52/49	56/54/51
Dimension & Weight	Unit Dimension (W×H×D)	mm	500×1180×550	500×1180×550	560×1385×610	560×1385×610
		inch	69-1/2×12-13/16×29-15/16	69-1/2×12-13/16×29-15/16	22-1/16×54-1/2×24	22-1/16×54-1/2×24
	Packing Dimension (W×H×D)	mm	567×1197×644	567×1197×644	627×1402×704	627×1402×704
		inch	22-5/16× 47-1/8× 25-3/8	22-5/16× 47-1/8× 25-3/8	24-11/16× 55-3/16× 27-11/16	24-11/16× 55-3/16× 27-11/16
Net/Gross weight	kg	54/60	57/63	73.5/81.5	77/85	
	lb	119/132	125/139	162/180	170/188	
Refrigerant System	Refrigerant Type	-	R410A	R410A	R410A	R410A
	Throttle Type	-	TXV	TXV	TXV	TXV
	Connecting Method	-	Thread	Thread	Thread	Thread
	Liquid Pipe	inch	3/8	3/8	3/8	3/8
	Suction Pipe	inch	3/4	3/4	7/8	7/8
Drainage water pipe diameter		inch	3/4 FPT	3/4 FPT	3/4 FPT	3/4 FPT

Notes:
 1. The performance and efficiency ratio are rated at AHRI 210/240;
 2. Specifications are subject to change without prior notice for product improvement.



Inverter Unitary Products Free Match

Outdoor Unit



- ❖ DC inverter technology, high energy efficiency
- ❖ Autonomous learning control technology
- ❖ High stability with multiple system protection
- ❖ Easy serviceability
- ❖ Excellent compressor sound insulation and arc round fan to make low noise
- ❖ Free match with any kinds of indoor units of 24V communication
- ❖ Wide cooling operation range: 55°F to 120°F
- ❖ Wide voltage adaptability: 172V to 275V

Specifications

Model		-	CVMI36-C2	CVMI36-C2	CVMI60-C2	CVMI60-C2
Compressor	Type	-	Rotary	Rotary	Rotary	Rotary
	Brand	-	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
Outdoor Fan	Material	-	Metal	Metal	Metal	Metal
	Type	-	Axial flow fan	Axial flow fan	Axial flow fan	Axial flow fan
Outdoor Motor	Type	-	PSC	PSC	ECM	ECM
	Motor HP	-	1/6	1/6	1/3	1/3
Outdoor coil	Tube material	-	Copper	Copper	Copper	Copper
	Fin type	-	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
Dimension & Weight	Unit Dimension (W×H×D)	mm	740×633×740	740×633×740	740×843×740	740×843×740
		inch	29-1/8×24-15/16×29-1/8	29-1/8×24-15/16×29-1/8	29-1/8×33-3/16×29-1/8	29-1/8×33-3/16×29-1/8
	Packing Dimension (W×H×D)	mm	768×667×768	768×667×768	768×877×768	768×877×768
		inch	30-1/4×26-1/4×30-1/4	30-1/4×26-1/4×30-1/4	30-1/4×34-1/2×30-1/4	30-1/4×34-1/2×30-1/4
Net/Gross weight		kg	68/72	68/72	85/89	85/89
		lb	150/159	150/159	187/196	187/196
Conection Information	Liquid Line Size	inch	3/8	3/8	3/8	3/8
	Gas Line Size	inch	3/4	3/4	7/8	7/8
	Max. Line Length	ft	100	100	100	100
	Min. Vertical Separation (Outdoor Unit above Indoor coil)	ft	50	50	50	50
Max. Vertical Separation (Outdoor Unit Below Indoor coil)		ft	50	50	50	50
Design Information	Design Pressure	psig	550/250	550/250	550/250	550/250
	Cooling temp	°C	12.8~48.8	12.8~48.8	12.8~48.8	12.8~48.8
		°F	55~120	55~120	55~120	55~120
	Heating temp	°C	-	-	-	-
°F		-	-	-	-	
Operation Information	Refrigerant Type	-	R410A	R410A	R410A	R410A
	Refrigerant Factory Charged	g	3320	3320	4720	4720
		lb-oz	7 lb - 9 oz	7 lb - 9 oz	10 lb - 10 oz	10 lb - 10 oz
	Sound Pressure Level (Rated)	dB(A)	64	64	67	67

Medium Static Pressure Indoor Unit



- ❖ Slim, compact design for limited space with duct distribution to the indoor space
- ❖ Three fan speeds control
- ❖ Standard with wired remote controller, optional with wireless remote controller
- ❖ 24V universal communication, can be compatible with other 24V condenser units
- ❖ Compatible with the 3rd party 24V thermostats
- ❖ Standard with return air plenum box
- ❖ Optional with high-lift drain pump

Specifications

Indoor Unit Model		FCMN24-C2	FCMN36-C2	FCMN48-C2	FCMN60-C2	
Matched Outdoor Unit Model		CVMI36-C2	CVMI36-C2	CVMI36-C2	CVMI36-C2	
Power Supply		208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	
Performance	Cooling Capacity	Btu/h	24,000	33,000	47,500	50,500
	EER	Btu/h*W	12.5	11.0	10.8	10.4
SEER		Btu/h*W	17.5	15.5	16.0	15.5
Indoor Fan	Material	-	Plastic	Plastic	Plastic	Plastic
	Type	-	Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
Indoor Fan Motor	Type	-	PSC	PSC	PSC	PSC
	Power Input	W	259/155/121	438/389/328	434/412/340	434/412/340
Indoor Coil	Tube Material	-	Copper	Copper	Copper	Copper
	Fin Type	-	Hydrophilic Aluminium	Hydrophilic Aluminium	Hydrophilic Aluminium	Hydrophilic Aluminium
Indoor Air Flow (H/M/L)	CFM	900/700/600	1200/1100/1000	1350/1300/1100	1350/1300/1100	
ESP (Range)	in.wg	0.10(0-0.40)	0.15(0-0.50)	0.20(0-0.50)	0.20(0-0.50)	
Indoor Sound Level (Sound Power Level)	dB(A)	42/38/36	49/47/46	47/44/40	47/44/40	
Dimension & Weight	Unit Dimension (W×H×D)	mm	1230×270×775	1230×270×775	1290×300×865	1290×300×865
		inches	48-7/16×10-5/8×30-1/2	48-7/16×10-5/8×30-1/2	50-13/16×11-13/16×34-1/16	50-13/16×11-13/16×34-1/16
	Packing Dimension (W×H×D)	mm	1355×350×795	1355×350×795	1400×375×925	1400×375×925
		inches	53-3/8×13-3/4×31-5/16	53-3/8×13-3/4×31-5/16	55-1/8×14-3/4×36-7/16	55-1/8×14-3/4×36-7/16
Net/Gross weight	kg	39/46	41/48	49/57	49/57	
	lbs	86/101	90/106	108/126	108/126	
Refrigerant System	Refrigerant Type	-	R410A	R410A	R410A	R410A
	Throttle Type	-	TXV	TXV	TXV	TXV
	Connecting Method	-	Thread	Thread	Thread	Thread
	Liquid Pipe	inch	3/8	3/8	3/8	3/8
	Suction Pipe	inch	5/8	5/8	3/4	3/4
Drainage water pipe diameter	inch	1 FPT	1 FPT	1 FPT	1 FPT	

- Notes:
- The TXV is not include from factory, need to be bought from factory or offered locally;
 - The performance and efficiency ratio are rated at AHRI 210/240;
 - Specifications are subject to change without prior notice for product improvement.

Four Way Cassette Indoor Unit



- ❖ 360° round airflow for immediate, equal distribution of wider-angle cooling, idea for standard ceilings
- ❖ Three fan speeds control, multiple steps fan swing
- ❖ Standard with wireless remote controller, optional with wired remote controller
- ❖ 24V universal communication, can be compatible with other 24V condenser units
- ❖ Standard with high-lift drain pump, simplifying installation of the drain piping
- ❖ Compatible with the 3rd party 24V thermostats
- ❖ RTCA certified

Specifications

Indoor Unit Model		-	CTMN36-C2	CTMN60-C2
Matched Outdoor Unit Model		-	CTMN36-C2	CTMN60-C2
Power supply		V-Ph-Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Performance	Cooling Capacity	Btu/h	33,000	55,000
	SEER	Btu/h*W	15	16
	EER		10.2	8.2
Performace (RTCA)	Cooling Capacity	Btu/h	32,000	54,500
	SEER	Btu/h*W	15	16
	EER		10.5	8.5
Fan Motor	Type	-	PSC	PSC
	Motor HP	HP	1/12	1/12
Indoor Fan	Material	-	plastic	plastic
	Type	-	Centrifugal	Centrifugal
Indoor Coil	Tube material	-	Copper	Copper
	Fin type	-	Hydrophilic Aluminium	Hydrophilic Aluminium
Indoor Air Flow (H/M/L)	CFM		850/650/550	900/700/600
Indoor Sound Level (Sound Power Level)	dB(A)		48/42/41	49/43/42
Dimension & Weight	Unit Dimension (W×H×D)	mm	840×300×840	840×300×840
		in.	33-1/16×11-13/16×33-1/16	33-1/16×11-13/16×33-1/16
	Packing Dimension (W×H×D)	mm	955×317×955	955×317×955
		in.	37-5/8×12-1/2×37-5/8	37-5/8×12-1/2×37-5/8
Net/Gross weight	kg	28.1/32.7	29.8/35	
	lb	62/72	65.7/77.1	
Refrigerant System	Refrigerant Type	-	R410A	R410A
	Throttle Type	-	TXV	TXV
	Connecting Method	-	Thread	Thread
	Liquid Pipe	inch	3/8	3/8
	Suction Pipe	inch	3/4	3/4
Drainage water pipe diameter	in.		1-1/4 FPT	1-1/4 FPT

- Notes:
- The TXV is not include from factory, need to be bought from factory or offered locally;
 - The performance and efficiency ratio are rated at AHRI 210/240;
 - Specifications are subject to change without prior notice for product improvement.