

# Super Slim Round Flow Cassette



### Standard Features

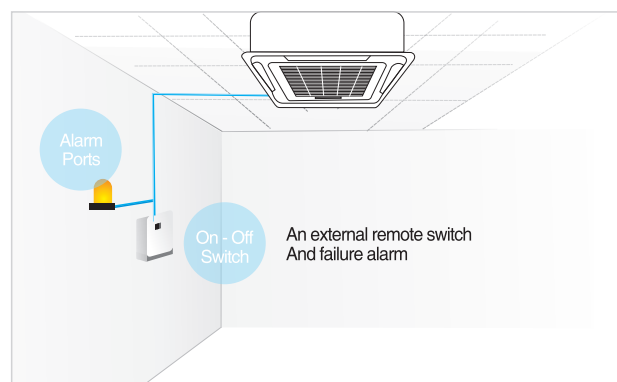


### Optional Features

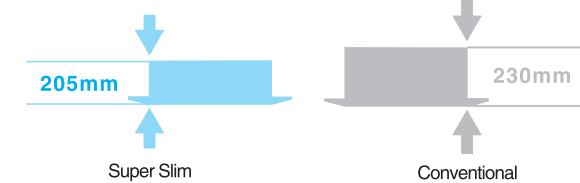


### Reserved ON-OFF and Alarm Ports(Optional)

**ON-OFF Switch:** With the reserved ports, a remote switch can be easily connected to realize remote control.  
**Alarm:** The built-in PCB can output alarm signal, which makes setting up an external alarm light or vibration gauge possible.

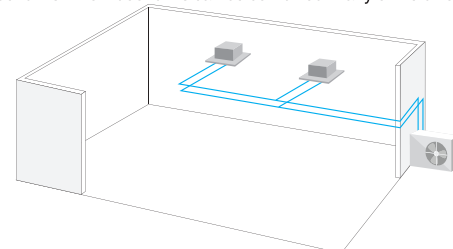


### Super Slim Design



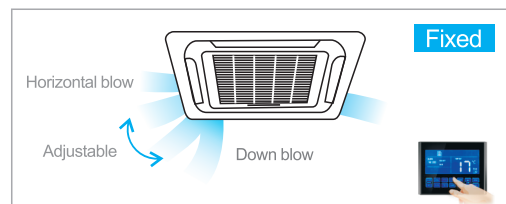
### Twin Combination(Optional)

The units can be installed as twin systems: one outdoor unit can be connected with two same indoor units. The indoor units can be combined in any of the different available ratings.



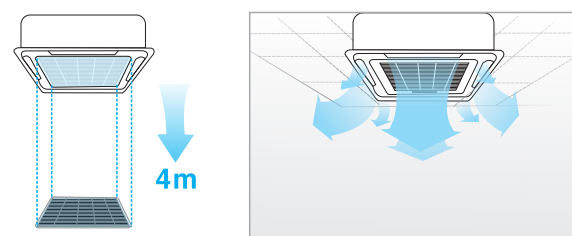
### Touch Screen Wired Controller and Independent Vane Control(Optional)

Luxury touch screen wired controller with failure indication function provided. A more user friendly interface is possible. If the airflow direction needs to be changed as a result of an altered room layout or due to the mode selected, the air direction of each vane can be set independently using the wired controller.



### Lifting Easy-Clean(Optional) & 360° Air Flow Panel

The removable lifting panel makes the clean process much easier. And with the 360° flow system, distributing comfort to every corner of the room.



### Specification

Model No.	Indoor Unit Outdoor Unit	MCD-18HRFN1-QRC8 MOU-18HFN1-QRC8	MCD-24HRFN1-QRC8 MOU-24HFN1-QRC8	MCD-30HRFN1-QRC8 MOU-30HFN1-QRC8	MCD-36HRFN1-QRC8 MOU-36HFN1-QRC8
<b>Power &amp; Inverter type</b>					
Power supply	V ~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Inverter Type		3D DC	3D DC	3D DC	3D DC
<b>Capacity</b>					
Cooling (min-rated-max)	Btu/h	3070-18000-25200	4100-24000-33800	9550-30000-37200	9550-36000-44300
	kW	0.9-5.3-7.4	1.2-7.1-9.9	2.8-8.8-10.9	2.8-10.5-13.0
Heating (min-rated-max)	Btu/h	3070-18000-25200	4100-26600-37200	9550-30000-37200	9210-40000-55200
	kW	0.9-5.3-7.4	1.2-7.8-10.9	2.7-8.0-10.9	2.7-11.7-16.1
<b>Performance</b>					
SEER (Average)	W/W	5.1	6.5	6.1	5.2
Energy Rate	Cooling	A	A++	A++	A+
SCOP(Average)	W/W	3.8	3.8	3.8	3.8
Energy Rate	Heating	A	A	A	A
Tol	°C	-15	-15	-15	-15
Air Flow Volume	m³/h	1250/1050/900	1580/1200/1000	1780/1460/1250	1850/1600/1400
Sound Power Noise Level	dB(A)	59	62	62	64
Net Dimension (mm)	Body (WxHxD)	840x205x840	840x245x840	840x245x840	840x245x840
	Panel (WxHxD)	950x55x950	950x55x950	950x55x950	950x55x950
<b>Dimension &amp; Weight &amp; Piping size</b>					
Net Weight (kg)	Body	22	24	25	26.5
	Panel	5	5	5	5
Packing Dimension (mm)	Body (WxHxD)	900x225x900	900x265x900	900x265x900	900x265x900
	Panel (WxHxD)	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
Gross Weight (kg)	Body	25	28	29	30.5
	Panel	8	8	8	8
Piping Size (mm(inch))	Liquid	Ø6.35(1/4)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas	Ø12.7(1/2)	Ø15.9(5/8)	Ø15.9(5/8)	Ø15.9(5/8)
<b>Applicable area &amp; Stuffing Quantity</b>					
Applicable Area	m²	21-35	28-47	36-60	42-70
Stuffing Quantity (Set)		20/40/40/HQ	42/88/103	33/38/80	33/68/80

### Specification

Model No.	Indoor Unit Outdoor Unit	MCD-36HRFN1-QRC8 MOU-36HFN1-RRC8	MCD-48HRFN1-Q MOU-48HDN1-Q	MCD-48HRFN1-Q MOU-48HDN1-R	MCD-51HRFN1-Q MOU-60HDN1-R
<b>Power &amp; Inverter type</b>					
Power supply	V ~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Inverter Type		3D DC	2D DC	2D DC	2D DC
<b>Capacity</b>					
Cooling (min-rated-max)	Btu/h	9550-36000-44300	13600-47000-55800	13600-47000-55800	15300-51000-61000
	kW	2.8-10.5-13.0	4.0-13.8-16.4	4.0-13.8-16.4	4.5-14.9-17.9
Heating (min-rated-max)	Btu/h	9210-40000-55200	14300-53000-63000	14300-53000-63000	17000-62000-74500
	kW	2.7-11.7-16.1	4.2-15.5-18.5	4.2-15.5-18.5	5.0-18.2-21.8
<b>Performance</b>					
SEER (Average)	W/W	5.2	3.22(EER)	3.22(EER)	3.22(EER)
Energy Rate	Cooling	A+	A	A	A
SCOP(Average)	W/W	3.8	3.62(COP)	3.62(COP)	3.61(COP)
Energy Rate	Heating	A	A	A	A
Tol	°C	-15	-15	-15	-15
Air Flow Volume	m³/h	1850/1600/1400	2300/2100/1800	2300/2100/1800	2300/2100/1800
Sound Power Noise Level	dB(A)	64	53(Sound Pressure)	53(Sound Pressure)	54(Sound Pressure)
Net Dimension (mm)	Body (WxHxD)	840x245x840	840x287x840	840x287x840	840x287x840
	Panel (WxHxD)	950x55x950	950x55x950	950x55x950	950x55x950
<b>Dimension &amp; Weight &amp; Piping size</b>					
Net Weight (kg)	Body	26.5	29	29	31
	Panel	5	5	5	5
Packing Dimension (mm)	Body (WxHxD)	900x265x900	900x292x900	900x292x900	900x292x900
	Panel (WxHxD)	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
Gross Weight (kg)	Body	30.5	33	33	34
	Panel	8	8	8	8
Piping Size (mm(inch))	Liquid	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas	Ø15.9(5/8)	Ø15.9(5/8)	Ø15.9(5/8)	Ø15.9(5/8)
<b>Applicable area &amp; Stuffing Quantity</b>					
Applicable Area	m²	42-70	56-93	56-93	64-107
Stuffing Quantity (Set)		33/68/80	25/53/62	25/53/62	25/52/61