

Duct Series



Duct



High Static Pressure Duct



District Cooling Duct



Duct

Various Selections >>

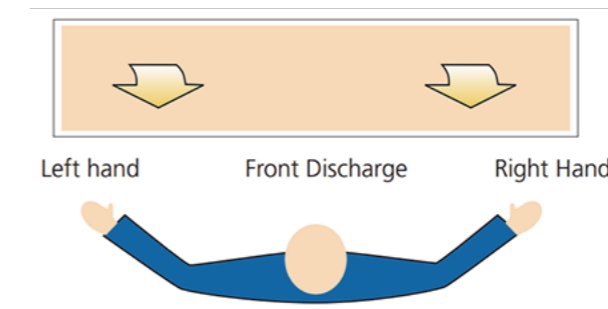
- ❖ Versions for 2/4 pipe systems.
- ❖ Versions for normal/high temperature different systems.
- ❖ 2, 3 or 4 row coils for 2-pipe systems
- ❖ Large range of available static pressure.

High Efficiency >>

Highly efficient heat exchange for complete contranatanat flow.

Flexible Installation >>

Left or right hand piping connections, field convertible.

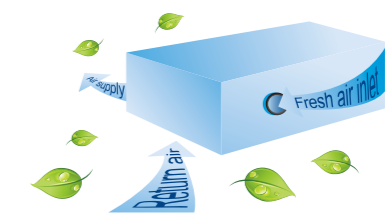


Standard Return Air Plenum and Filter >>

Standard return air plenum and filter guarantees clean air supply and stable air flow rate.

Fresh Air Intake >>

Fresh air can enter through the duct unit so you can enjoy even fresher air in a room.



High Static Pressure Duct



Model		MKT3H-800G70	MKT3H-1000G70	MKT3H-1200G70	MKT3H-1400G70	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m ³ /h	1360/1220/1090	1700/1530/1380	2040/1880/1610	2380/2120/1860	
	CFM	800/720/640	1000/900/810	1200/1105/950	1400/1250/1095	
Standard external static pressure	Pa	70				
Cooling	Capacity (H/M/L)	6.6/6.37/6.12	8.8/8.19/7.57	10/9.44/8.53	12/11.47/10.24	
	Water flow rate	l/h	1135	1514	1720	2064
	Water pressure drop	kPa	8	24	24	36
Heating	Capacity (H/M/L)	9.7/8.54/7.18	13.2/11.48/9.9	15/12.9/11.25	17.9/15.75/13.6	
	Water pressure drop	kPa	8.4	25	23.4	34.2
Power input (H/M/L)	W	320/300/285	350/320/300	350/320/290	350/300/285	
Auxiliary electric heater (AEH)	W	5000	5000	5000	5000	
Sound pressure level	dB(A)	49/42/35	50/43/36	51/44/37	52/45/38	
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	1				
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	1				
Coil	Row	2	3	3	4	
	Max. working pressure	MPa				
	Diameter	mm				
		Ø9.52				
Net dimensions (WxHxD)	mm	946x400x816				
Packing size (WxHxD)	mm	1015x480x857				
Net weight (non-AEH/with-AEH)	kg	50/53	52/55	52/55	54/57	
Gross weight (non-AEH/with-AEH)	kg	55/58	57/60	57/60	59/62	
Water inlet/outlet pipe	Inch	RC3/4				
Drain pipe	mm	ODØ32				

Model		MKT3H-1600G100	MKT3H-1800G100	MKT3H-2200G100	
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m ³ /h	2720/2450/2170	3060/2750/2450	3740/3360/2990	
	CFM	1600/1440/1280	1800/1620/1440	2200/1980/1760	
Standard external static pressure	Pa	100			
Cooling	Capacity (H/M/L)	14.1/13.03/11.87	15.8/14.6/13.46	19.9/18.58/17.24	
	Water flow rate	l/h	2425	2718	3423
	Water pressure drop	kPa	52	90	130
Heating	Capacity (H/M/L)	21.2/18.23/15.69	23.8/20.94/17.85	30/26.7/22.5	
	Water pressure drop	kPa	51	85	121
Power input (H/M/L)	W	550/520/500	800/680/620	950/860/760	
Auxiliary electric heater (AEH)	W	9500	9500	9500	
Sound pressure level	dB(A)	54/47/40	60/53/46	61/54/47	
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	2			
Coil	Row	3			
	Max. working pressure	MPa			
	Diameter	mm			
		Ø9.52			
Net dimensions (WxHxD)	mm	1290x400x809			
Packing size (WxHxD)	mm	1368x460x877			
Net weight (non-AEH/with-AEH)	kg	76/82			
Gross weight (non-AEH/with-AEH)	kg	83/89			
Water inlet/outlet pipe	Inch	RC3/4			
Drain pipe	mm	ODØ32			

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
4. Noise is tested in a semi-anechoic test room.

District Cooling Duct



Model		MKS4-200G30	MKS4-300G30	MKS4-400G30	MKS4-500G30	MKS4-600G30	MKS4-800G50-A4	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m ³ /h	430/380/340	600/540/480	700/630/520	900/810/720	1160/1040/930	1400/1342/1200	
	CFM	253/224/200	353/318/282	412/370/305	530/476/424	682/612/547	824/789/705	
Standard external static pressure	Pa	30	30	30	30	30	50	
Cooling	Capacity (H/M/L)	2.05/1.742/1.55	2.61/2.21/1.98	4.03/3.42/3.06	4.57/3.88/3.47	6.39/5.43/4.85	6.93/5.89/5.26	
	Water flow rate	l/h	196	249	385	437	610.6	662
	Water pressure drop	kPa	10	10	21	25	53.8	13.3
Power input (H/M/L)	W	47/38/33	65/52/46	78/62/55	92/74/64	116/93/81	144/115/101	
Sound pressure level	dB(A)	38/33/27	39/34/28	39/35/29	41/35/30	42/36/31	48/47/46	
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	1	2	2	2	2	2	
Coil	Row	4						
	Max. working pressure	MPa						
	Diameter	mm						
		Ø9.52						
Net dimensions (WxHxD)	mm	741x241x522	841x241x522	941x241x522	941x241x522	1161x241x522	1180x340x612	
Packing size (WxHxD)	mm	790x260x550	890x260x550	990x260x550	990x260x550	1210x260x550	1310x380x693	
Net weight	kg	15.3	17.5	20.7	20.7	23.5	39.3	
Gross weight	kg	17.6	20	23.1	23.1	26.5	47	
Water inlet/outlet pipe	Inch	RC3/4						
Drain pipe	mm	ODØ24						

Model		MKS4-1000G50-A4	MKS4-1200G50-A4	MKS4-1400G50-A4	MKS4-1600G50-A4	MKS4-1800G50-A4	MKS4-2000G50-A4	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m ³ /h	1650/1527/1405	2040/1851/1666	2420/1850/1657	2580/2320/2060	3380/2239/1878	3660/2544/2199	
	CFM	970/898/826	1200/1089/980	1424/1088/975	1518/1365/1212	1988/1317/1105	2153/1496/1295	
Standard external static pressure	Pa	50	50	50	50	50	50	
Cooling	Capacity (H/M/L)	7.57/6.43/5.75	10.11/8.59/7.68	11.5/9.7/8.74	11.74/9.97/8.92	14.74/12.52/11.2	16.1/13.68/12.23	
	Water flow rate	l/h	723	966	1099	1122	1408	1538
	Water pressure drop	kPa	16.3	21	25.3	27.8	37.9	48.1
Power input (H/M/L)	W	176/141/123	320/256/224	392/314/274	482/386/337	538/430/376	583/466/408	
Sound pressure level	dB(A)	49/48/47	51/50/48	52/50/49	53/51/50	54/51/50	54/52/51	
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	2	2	2	2	3	3	
Coil	Row	4						
	Max. working pressure	MPa						
	Diameter	mm						
		Ø9.52						
Net dimensions (WxHxD)	mm	1180x340x612	1369x340x612	1369x340x612	1369x340x612	1500x340x612	1500x340x612	
Packing size (WxHxD)	mm	1310x380x693	1490x380x693	1490x380x693	1490x380x693	1620x380x693	1620x380x693	
Net weight	kg	40.8	46.3	46.3	46.3	54.8	54.8	
Gross weight	kg	49.6	56.4	56.4	56.4	64.6	64.6	
Water inlet/outlet pipe	Inch	RC3/4						
Drain pipe	mm	ODØ24						

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 5.5°C, temperature rise 9°C, entering air temperature 27°C DB/19°C WB.
4. Noise is tested in a semi-anechoic test room.

4-Pipe Duct



Model		MKT3-200FG12 MKT3-200FG30	MKT3-300FG12 MKT3-300FG30	MKT3-400FG12 MKT3-400FG30	MKT3-500FG12 MKT3-500FG30	MKT3-600FG12 MKT3-600FG30	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m3/h	340/255/170	510/385/255	680/510/340	850/640/425	1020/765/510	
	CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300	
Standard external static pressure	Pa	G12 models: 12; G30 models: 30					
Cooling	Capacity (H/M/L)	kW	2/1.76/1.52	2.7/2.35/2.13	3.6/3.15/2.76	4.3/3.74/3.32	5/4.32/3.84
	Water flow rate	l/h	344	464	619	740	860
	Water pressure drop	kPa	7.6	14.4	8.2	9.5	17.2
Heating	Capacity (H/M/L)	kW	3/2.64/2.22	4/3.48/3	5.2/4.47/3.9	5.7/5.02/4.33	7.2/6.19/5.33
	Water flow rate	l/h	258	344	447	490	619
	Water pressure drop	kPa	6.8	12.5	23.5	24.0	40.7
Power input	12Pa (H/M/L)	W	33/26/23	53/38/31	66/48/42	87/54/44	100/67/56
	30Pa (H/M/L)	W	49/39/34	64/50/42	75/55/48	96/58/48	114/76/64
Sound pressure level	12Pa (H/M/L)	dB(A)	35/32/26	36/33/27	37/34/28	40/36/30	42/38/32
	30Pa (H/M/L)	dB(A)	41/37/31	42/38/32	43/39/33	44/40/34	45/41/35
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	1					
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	2	2	2	2	
Coil	Row	3					
	Max. working pressure	MPa	1.6				
	Diameter	mm	Ø9.52				
Net dimensions (WxHxD)	mm	741x241x522	841x241x522	941x241x522	941x241x522	1161x241x522	
Packing size (WxHxD)	mm	790x260x550	890x260x550	990x260x550	990x260x550	1210x260x550	
Net weight	kg	15.1	17.5	20.7	20.7	23.5	
Gross weight	kg	17.4	20	23.1	23.1	26.5	
Water inlet/outlet pipe	Inch	RC3/4					
Drain pipe	mm	ODØ24					

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 70°C, temperature drop 10°C DB, entering air temperature 20°C DB.
4. Noise is tested in a semi-anechoic test room.

4-Pipe Duct



Model		MKT3-800FG12 MKT3-800FG30	MKT3-1000FG12 MKT3-1000FG30	MKT3-1200FG12 MKT3-1200FG30	MKT3-1400FG12 MKT3-1400FG30	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m3/h	1360/1020/680	1700/1275/850	2040/1530/1020	2380/1785/1190	
	CFM	800/600/400	1000/750/500	1200/900/600	1400/1050/700	
Standard external static pressure	Pa	G12 models: 12; G30 models: 30				
Cooling	Capacity (H/M/L)	kW	6.8/5.78/5.11	7.8/6.74/5.88	10.2/8.89/7.85	11.5/9.9/8.86
	Water flow rate	l/h	1170	1342	1754	1978
	Water pressure drop	kPa	18.8	30.0	40.3	51.9
Heating	Capacity (H/M/L)	kW	9.6/8.45/7.2	10.8/9.61/8.1	13.5/12.15/10.26	15.5/13.48/11.78
	Water flow rate	l/h	826	929	1161	1333
	Water pressure drop	kPa	20.7	34.7	28.6	55.2
Power input	12Pa (H/M/L)	W	145/130/111	180/104/88	210/140/123	222/201/182
	30Pa (H/M/L)	W	154/132/113	193/114/97	230/157/131	278/262/228
Sound pressure level	12Pa (H/M/L)	dB(A)	43/39/33	45/41/35	46/42/36	48/44/38
	30Pa (H/M/L)	dB(A)	46/42/36	47/43/37	48/44/38	49/45/39
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	2				
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	4				
Coil	Row	3				
	Max. working pressure	MPa	1.6			
	Diameter	mm	Ø9.52			
Net dimensions (WxHxD)	mm	1461x241x522	1566x241x522	1856x241x522	2022x241x522	
Packing size (WxHxD)	mm	1510x260x550	1615x260x550	1905x260x550	2070x260x550	
Net weight	kg	32.4	34.9	40	43.6	
Gross weight	kg	36	38.6	43.5	48.9	
Water inlet/outlet pipe	Inch	RC3/4				
Drain pipe	mm	ODØ24				

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 70°C, temperature drop 10°C DB, entering air temperature 20°C DB.
4. Noise is tested in a semi-anechoic test room.

Wall Mounted

C Type Panel



S Type Panel

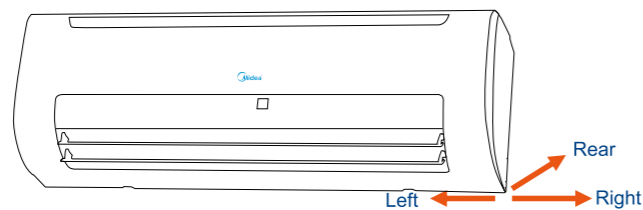


Stylish Panel >>

Stylish front panel blends easily within any interior décor, ideal for use in shops, restaurants or offices with no or narrow false ceilings.

Convenient Installation >>

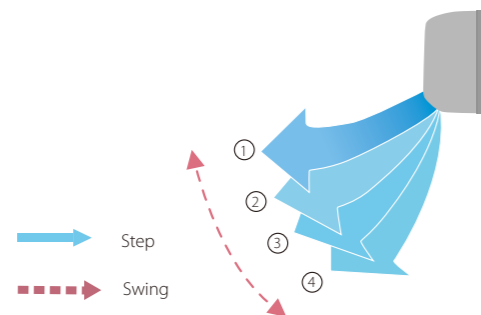
Multi-directional outlet pipe feature: left\right\rear, to meet the needs of different rooms.



Built-in 3-Way Electromagnetic Valve >>

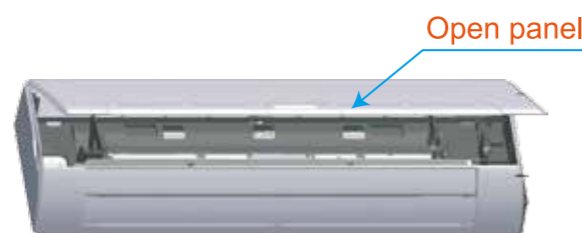
Auto Swing Louver >>

The Auto Swing Louver function ensures that the air direction corresponds to the mode selected.



Easy Maintenance >>

Removable front panel making maintenance convenient.



Wall Mounted (C Panel)



Model		MKG-250	MKG-300	MKG-400	MKG-500	MKG-600	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	425/360/320	510/430/380	680/580/510	850/720/640	1020/870/770	
	CFM	250/210/190	300/250/220	400/340/300	500/420/380	600/510/450	
Cooling	Capacity (H/M/L)	kW	2.2/1.84/1.65	2.64/2.24/2.05	3.08/2.62/2.27	4.07/3.73/3.24	4.45/4.18/3.74
	Water flow rate	l/h	378	454	530	700	765
	Water pressure drop	kPa	12	18	22	26	29
Heating	Capacity (H/M/L)	kW	3.02/2.6/2.23	3.69/3.25/2.77	4.34/3.86/3.25	5.69/5.12/4.32	6.3/5.67/4.73
	Water pressure drop	kPa	10	16.4	20.8	25.1	27.9
Power input (H/M/L)	W	28/22/20	40/32/28	44/35/31	50/40/35	60/48/42	
Sound pressure level	dB(A)	30/24/20	35/29/24	37/31/26	39/33/28	40/34/29	
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	1					
Fan	Type	Tangential fan					
	Quantity	1					
Coil	Row	2					
	Max. working pressure	MPa	1.6				
	Diameter	mm	Ø7				
Net dimensions (WxHxD)	mm	915x290x210	915x290x210	915x290x210	1070x315x210	1070x315x210	
Packing size (WxHxD)	mm	1020x385x300	1020x385x300	1020x385x300	1180x410x300	1180x410x300	
Net weight	kg	12	12	12	15	15	
Gross weight	kg	16	16.7	16.7	19	19	
Water inlet/outlet pipe	Inch	G3/4					
Drain pipe	mm	ODØ20					



Wall Mounted (S Panel)

Model		MKG-250-B	MKG-300-B	MKG-400-B	MKG-500-B	MKG-600-B	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	425/390/350	510/470/390	680/550/460	850/745/620	1020/915/780	
	CFM	250/230/205	300/275/230	400/325/270	500/440/365	600/540/460	
Cooling	Capacity (H/M/L)	kW	2.63/2.41/2.16	2.97/2.47/2.12	3.28/2.83/2.41	4.25/3.85/3.32	5/4.47/3.97
	Water flow rate	l/h	452	511	564	731	860
	Water pressure drop	kPa	29.4	35.6	43.5	31.8	42.5
Heating	Capacity (H/M/L)	kW	3.36/3.1/2.79	3.91/3.26/2.77	4.37/3.73/3.17	5.81/5.17/4.43	6.7/6/5.28
	Water pressure drop	kPa	27.3	32.9	40.8	30.2	39.7
Power input (H/M/L)	W	24/19/17	37/29/26	40/32/28	50/40/35	66/53/46	
Sound pressure level	dB(A)	30/24/20	35/29/24	37/31/26	39/33/28	40/34/29	
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	1					
Fan	Type	Tangential fan					
	Quantity	1					
Coil	Row	2					
	Max. working pressure	MPa	1.6				
	Diameter	mm	Ø7				
Net dimensions (WxHxD)	mm	915x290x230	915x290x230	915x290x230	1072x315x230	1072x315x230	
Packing size (WxHxD)	mm	1020x390x315	1020x390x315	1020x390x315	1180x415x315	1180x415x315	
Net weight	kg	13	13	13.3	15.8	15.8	
Gross weight	kg	16.3	16.3	16.7	19.4	19.4	
Water inlet/outlet pipe	Inch	G3/4					
Drain pipe	mm	ODØ20					

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
3. Noise is tested in a semi-anechoic test room.

Floor Standing / Ceiling & Floor

Concealed Type
F3/H3 Series



Exposed Type
(air return from side)
F4/H4 Series



Exposed Type
(air return from bottom)
F5/H5 Series



Flexible Installation >>

- ❖ Cabinet and concealed versions meet various installation requirements.
- ❖ Horizontal or vertical installation.
- ❖ Optional built-in 3-way electromagnetic valve.



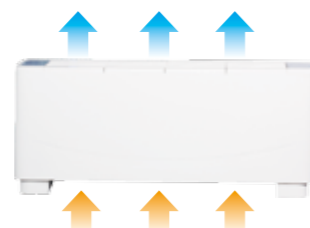
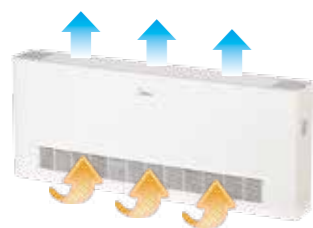
Floor installation



Ceiling installation

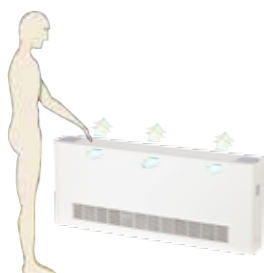
Flexible Air Return Type >>

Air return can be from the unit side or bottom.



Movable Louver >>

Adjustable louver for wide angle of air flow.



Floor Standing

Model		MKF3-150 MKF4-150 MKF5-150	MKF3-250 MKF4-250 MKF5-250	MKF3-300 MKF4-300 MKF5-300	MKF3-400 MKF4-400 MKF5-400
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m³/h	255/215/190	425/360/320	510/430/380	680/580/510
	CFM	150/125/110	250/210/190	300/250/220	400/340/300
Cooling	Capacity (H/M/L)	kW 1.15/0.93/0.89	1.87/1.74/1.59	2.53/2.25/1.88	3.27/2.84/2.54
	Water flow rate	l/h 198	322	435	562
	Water pressure drop	kPa 18.3	10.1	14.2	26.3
Heating	Capacity (H/M/L)	kW 2.54/2.24/1.88	4.17/3.36/3.13	5.64/4.85/4.23	7.22/6.35/5.49
	Water pressure drop	kPa 16	8.8	13.7	24
Power input (H/M/L)	W	27/22/19	29/23/20	40/32/28	46/37/32
Sound pressure level	F3 (H/M/L)	dB(A) 30/27/24	33/30/28	35/32/30	37/34/32
	F4 (H/M/L)	dB(A) 32/29/26	35/32/30	37/34/32	39/36/34
	F5 (H/M/L)	dB(A) 30/27/24	33/30/28	35/32/30	37/34/32
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1	1	2	2
Coil	Row	3	3	2	2
	Max. working pressure	MPa 1.6			
	Diameter	mm Ø9.52			
	Net dimensions (WxHxD)	mm 550x545x212	550x545x212	750x545x212	750x545x212
Body (F3 series)	Packing size (WxHxD)	mm 639x639x305	639x639x305	839x639x305	839x639x305
	Net weight	kg 17	17	20	20
	Gross weight	kg 19	19	23.5	23.5
Body (F4/F5 series)	Net dimensions (WxHxD)	mm 800x592x225	800x592x225	1000x592x225	1000x592x225
	Packing size (WxHxD)	mm 889x683x312	889x683x312	1089x683x312	1089x683x312
	Net weight	kg 22.5/22.5	22.5/22.5	26/26	26/26
	Gross weight	kg 26.5/26.5	26.5/26.5	31/31	31/31
Water inlet/outlet pipe	Inch	G3/4			
Drain pipe	mm	ODØ16			

Model		MKF3-450 MKF4-450 MKF5-450	MKF3-500 MKF4-500 MKF5-500	MKF3-600 MKF4-600 MKF5-600	MKF3-800 MKF4-800 MKF5-800	MKF3-900 MKF4-900 MKF5-900
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	765/650/570	850/720/640	1020/870/765	1360/1160/1020	1530/1300/1150
	CFM	450/380/335	500/420/375	600/510/450	800/680/600	900/760/675
Cooling	Capacity (H/M/L)	kW 3.97/3.58/3.15	4.85/4.41/3.72	5.64/5.02/4.46	6.52/5.75/4.36	7.85/7.19/6.55
	Water flow rate	l/h 683	834	970	1121	1350
	Water pressure drop	kPa 23.1	20	11.4	21	24.3
Heating	Capacity (H/M/L)	kW 8.85/7.61/6.55	10.28/9.05/7.71	12.24/10.89/9.18	15.35/13.82/11.67	18.2/16.38/13.65
	Water pressure drop	kPa 22	17.4	10	20.2	21.5
Power input (H/M/L)	W	39/31/27	49/39/34	63/50/44	88/70/62	137/109/96
Sound pressure level	F3 (H/M/L)	dB(A) 39/36/34	41/38/36	42/39/37	44/41/38	46/43/40
	F4 (H/M/L)	dB(A) 41/38/36	43/40/38	44/41/39	46/43/40	48/45/42
	F5 (H/M/L)	dB(A) 39/36/34	41/38/36	42/39/37	44/41/38	46/43/40
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	1				
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	2	2	3	3	3
Coil	Row	3	3	2	2	2
	Max. working pressure	MPa 1.6				
	Diameter	mm Ø9.52				
	Net dimensions (WxHxD)	mm 950x545x212	950x545x212	1250x545x212	1250x545x212	1250x545x212
Body (F3 series)	Packing size (WxHxD)	mm 1039x639x305	1039x639x305	1339x639x305	1339x639x305	1339x639x305
	Net weight	kg 25	25	32	32	32
	Gross weight	kg 29	29	36	36	36
Body (F4/F5 series)	Net dimensions (WxHxD)	mm 1200x592x225	1200x592x225	1500x592x225	1500x592x225	1500x592x225
	Packing size (WxHxD)	mm 1289x683x312	1289x683x312	1589x683x312	1589x683x312	1589x683x312
	Net weight	kg 32.5/32.5	32.5/35	39/36.6	39/39	39/39
	Gross weight	kg 38/38	38/40	45/42.6	45/45	45/45
Water inlet/outlet pipe	Inch	G3/4				
Drain pipe	mm	ODØ16				

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
3. Noise is tested in a semi-anechoic test room.

Ceiling & Floor

Model	MKH3-150 MKH4-150 MKH5-150	MKH3-250 MKH4-250 MKH5-250	MKH3-300 MKH4-300 MKH5-300	MKH3-400 MKH4-400 MKH5-400	
Power supply	V/Ph/Hz 220-240/1/50				
Air flow (H/M/L)	m ³ /h	255/215/190	425/360/320	510/430/380	680/580/510
	CFM	150/125/110	250/210/190	300/250/220	400/340/300
Cooling	Capacity (H/M/L)	kW 1.15/0.93/0.89	1.87/1.74/1.59	2.53/2.25/1.88	3.27/2.84/2.54
	Water flow rate	l/h 198	322	435	562
	Water pressure drop	kPa 18.3	10.1	14.2	26.3
Heating	Capacity (H/M/L)	kW 1.52/1.22/1.14	2.53/2.28/2.1	3.49/2.97/2.44	4.58/3.89/3.44
	Water pressure drop	kPa 16	8.8	13.7	24
Power input (H/M/L)	W	27/22/19	29/23/20	40/32/28	46/37/32
Sound pressure level	H3 (H/M/L)	dB(A) 30/27/24	33/30/28	35/32/30	37/34/32
	H4 (H/M/L)	dB(A) 32/29/26	35/32/30	37/34/32	39/36/34
	H5 (H/M/L)	dB(A) 30/27/24	33/30/28	35/32/30	37/34/32
Fan motor	Type	Low noise 3-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Coil	Row	1	1	2	2
	Max. working pressure	MPa 1.6			
	Diameter	mm Ø9.52			
Body (H3 series)	Net dimensions (WxHxD)	mm 550x545x212	550x545x212	750x545x212	750x545x212
	Packing size (WxHxD)	mm 639x639x305	639x639x305	839x639x305	839x639x305
	Net weight	kg 17	17	20	20
	Gross weight	kg 19	19	23.5	23.5
Body (H4/H5 series)	Net dimensions (WxHxD)	mm 800x592x225	800x592x225	1000x592x225	1000x592x225
	Packing size (WxHxD)	mm 889x683x312	889x683x312	1089x683x312	1089x683x312
	Net weight	kg 22.5/22.5	22.5/22.5	26/26	26/26
	Gross weight	kg 26.5/26.5	27/26.5	31/31	31/31
Water inlet/outlet pipe	Inch	G3/4			
Drain pipe	mm	ØDØ16			

Model	MKH3-450 MKH4-450 MKH5-450	MKH3-500 MKH4-500 MKH5-500	MKH3-600 MKH4-600 MKH5-600	MKH3-800 MKH4-800 MKH5-800	MKH3-900 MKH4-900 MKH5-900	
Power supply	V/Ph/Hz 220-240/1/50					
Air flow (H/M/L)	m ³ /h	765/650/570	850/720/640	1020/870/765	1360/1160/1020	1530/1300/1150
	CFM	450/380/335	500/420/375	600/510/450	800/680/600	900/760/675
Cooling	Capacity (H/M/L)	kW 3.97/3.58/3.15	4.85/4.41/3.72	5.64/5.02/4.46	6.52/5.75/4.36	7.85/7.19/6.55
	Water flow rate	l/h 683	834	970	1121	1350
	Water pressure drop	kPa 23.1	20	11.4	21	24.3
Heating	Capacity (H/M/L)	kW 5.64/4.79/4.23	6.98/6.28/5.23	8.23/6.58/5.59	9.58/8.14/6.32	11.69/10.52/9.35
	Water pressure drop	kPa 22	17.4	10	20.2	21.5
Power input (H/M/L)	W	39/31/27	49/39/34	63/50/44	88/70/62	137/109/96
Sound pressure level	H3 (H/M/L)	dB(A) 39/36/34	41/38/36	42/39/37	44/41/38	46/43/40
	H4 (H/M/L)	dB(A) 41/38/36	43/40/38	44/41/39	46/43/40	48/45/42
	H5 (H/M/L)	dB(A) 39/36/34	41/38/36	42/39/37	44/41/38	46/43/40
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	1				
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	1				
Coil	Row	2	2	3	3	3
	Max. working pressure	MPa 3				
	Diameter	mm 3				
Body (H3 series)	Net dimensions (WxHxD)	mm 950x545x212	950x545x212	1250x545x212	1250x545x212	1250x545x212
	Packing size (WxHxD)	mm 1039x639x305	1039x639x305	1339x639x305	1339x639x305	1339x639x305
	Net weight	kg 25	25	32	32	32
	Gross weight	kg 29	29	36	36	36
Body (H4/H5 series)	Net dimensions (WxHxD)	mm 1200x592x225	1200x592x225	1500x592x225	1500x592x225	1500x592x225
	Packing size (WxHxD)	mm 1289x683x312	1289x683x312	1589x683x312	1589x683x312	1589x683x312
	Net weight	kg 32.5/32.5	32.5/32.5	39/39	39/39	39/39
	Gross weight	kg 38/38	38/38	45/45	45/45	45/45
Water inlet/outlet pipe	Inch	G3/4				
Drain pipe	mm	ØDØ16				

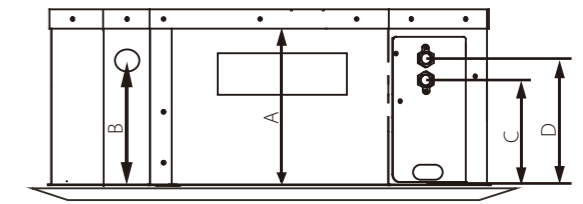
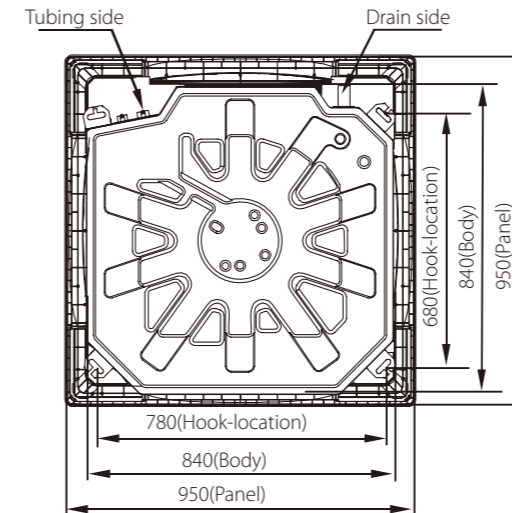
Notes:

- H: High fan speed; M: Medium fan speed; L: Low fan speed.
- Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
- Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
- Noise is tested in a semi-anechoic test room.

Dimensions

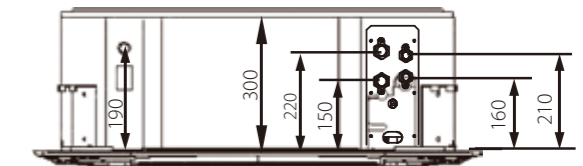
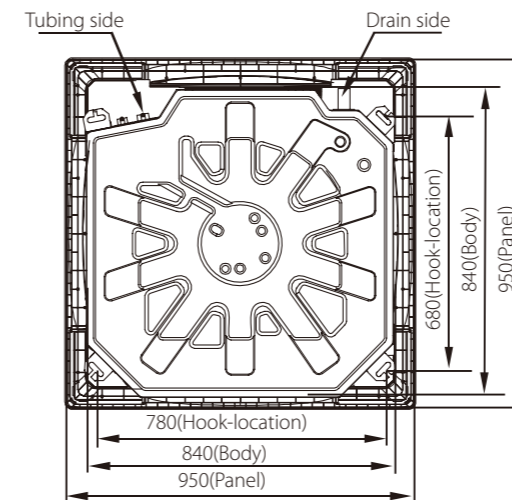
4-way cassette >>

2-pipe 4-way cassette
Dimensions (unit:mm)

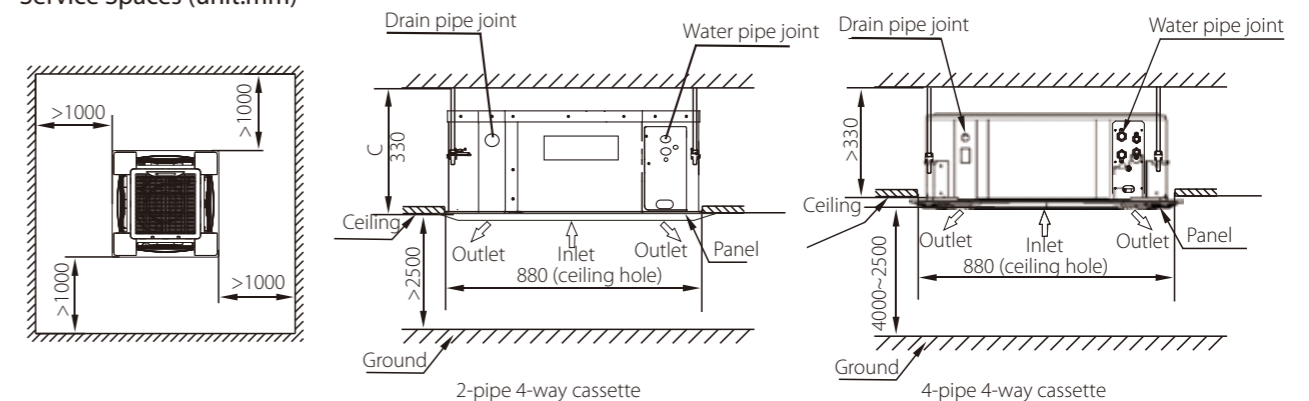


Model	Size	A	B	C	D
MKA-600R(A)		230	170	135	185
MKA-750R(A)					
MKA-950R(A)					
MKA-1200R(A)		300	190	145	195
MAK-1500R(A)					

4-Pipe 4-way cassette
Dimensions (unit:mm)

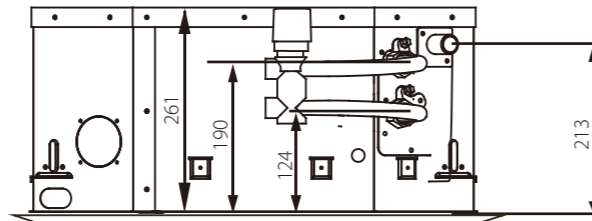
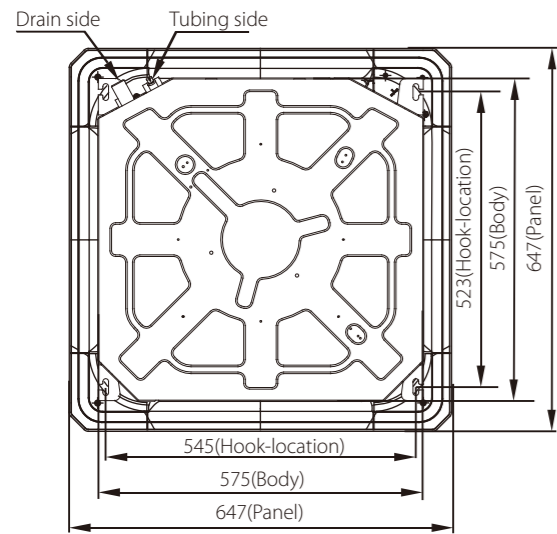


Service Spaces (unit:mm)

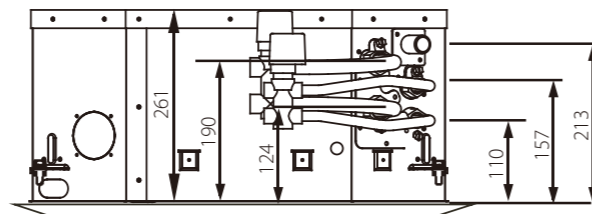
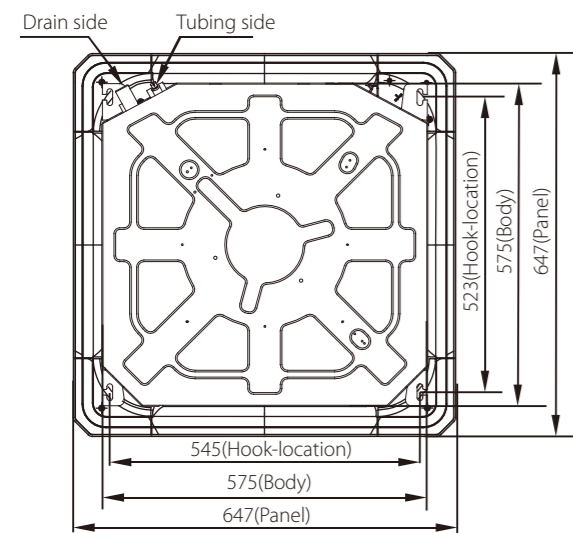


Compact 4-way cassette >>

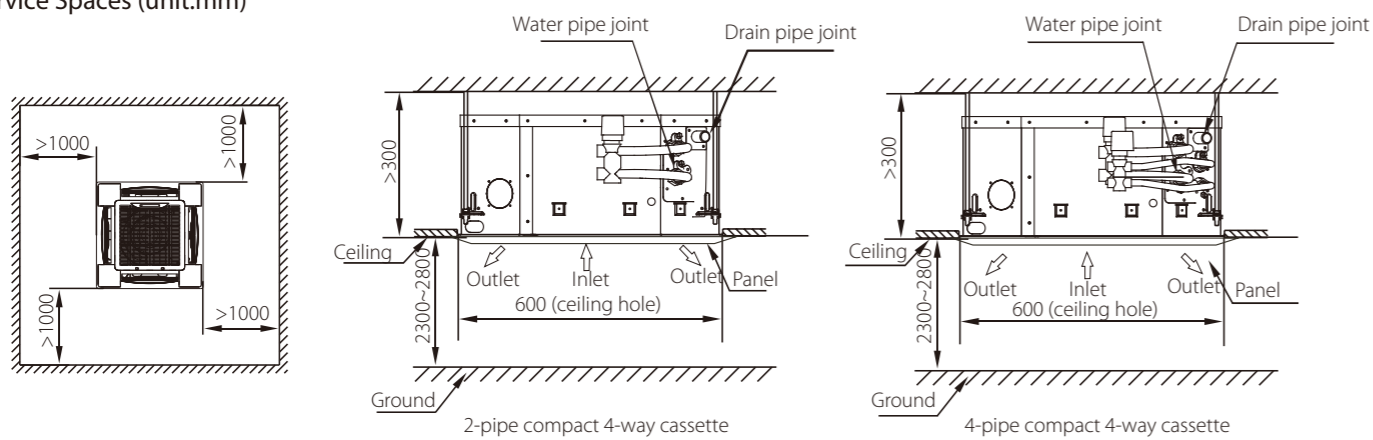
2-pipe compact 4-way cassette
Dimensions (unit:mm)



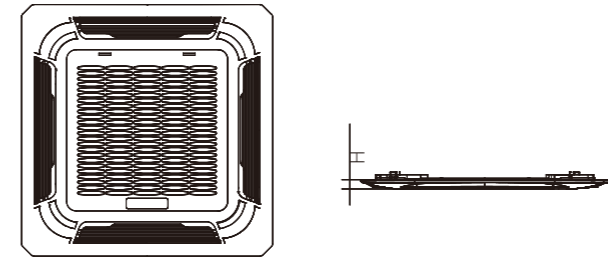
4-pipe compact 4-way cassette
Dimensions (unit:mm)



Service Spaces (unit:mm)



Height of the front panel

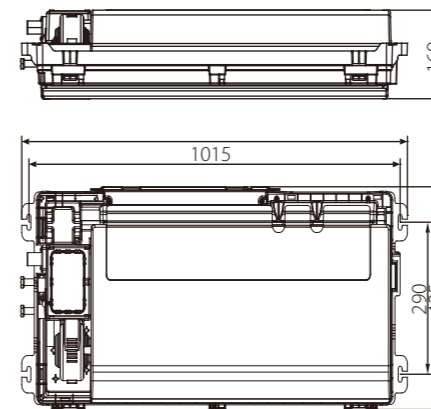


Type	H (mm)
4-way cassette	45
Compact 4-way cassette	50

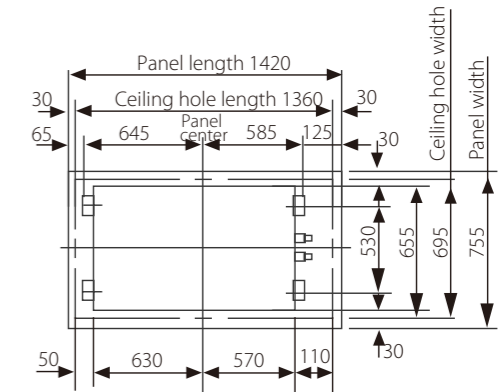
1-way cassette >>

Dimensions (unit:mm)

MKC-300R(A)-B MKC-400R(A)-B

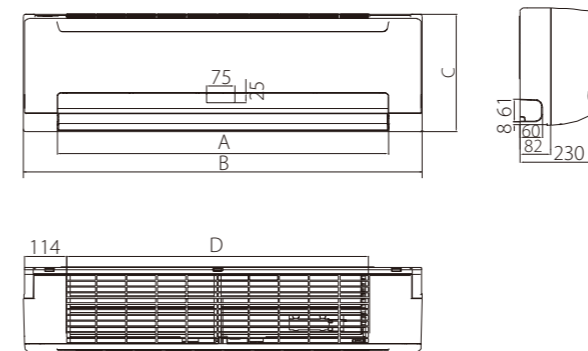


MKC-600HRN4



Wall mounted - S panel >>

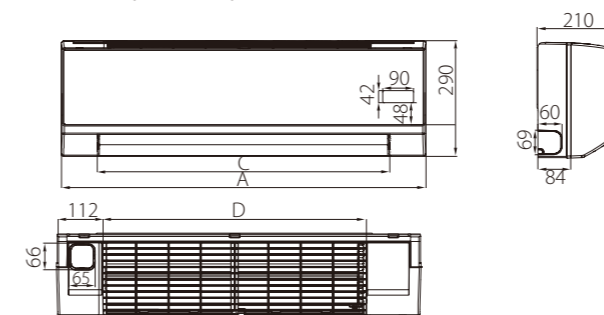
Dimensions (unit:mm)



Model	MKG-250-B MKG-300-B MKG-400-B	MKG-500-B MKG-600-B
A	732	892
B	915	1072
C	290	315
D	663	813

Wall mounted - C panel >>

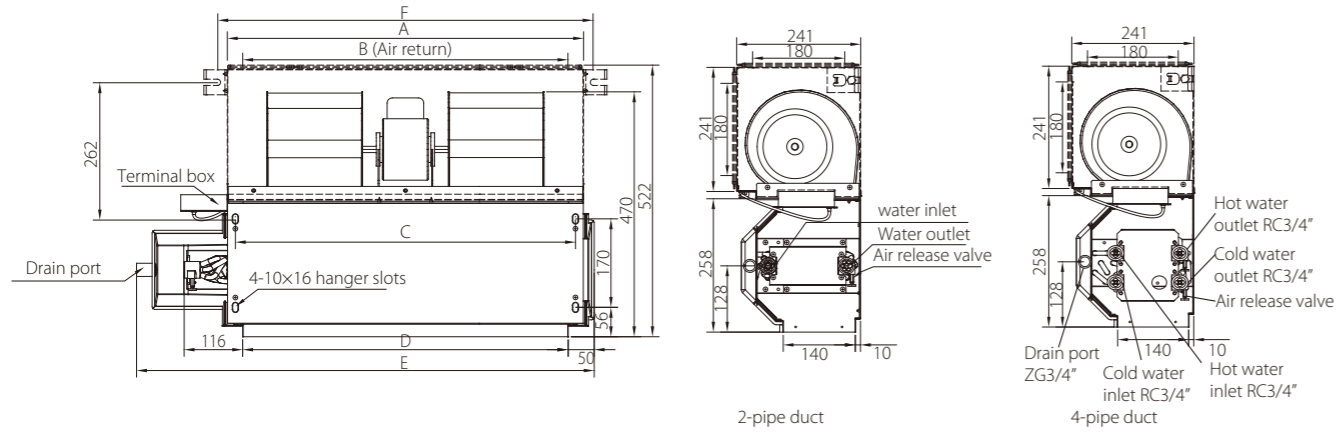
Dimensions (unit:mm)



Model	MKG-250 MKG-300 MKG-400	MKG-500 MKG-600
A	915	1070
B	290	315
C	725	885
D	670	815

Duct >>

Dimensions (unit:mm)

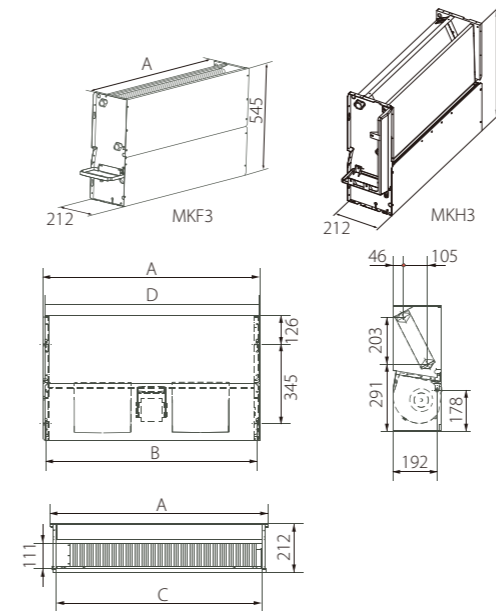


Size	A	B	C	D	E	F
200CFM	545	485	513	485	741	583
300CFM	645	585	613	585	841	683
400CFM	745	685	713	685	941	783
500CFM	745	685	713	685	941	783
600CFM	965	905	933	905	1161	1003
800CFM	1265	1205	1233	1205	1461	1303
1000CFM	1370	1310	1338	1310	1566	1408
1200CFM	1660	1600	1628	1600	1856	1698
1400CFM	1826	1766	1794	1766	2022	1864

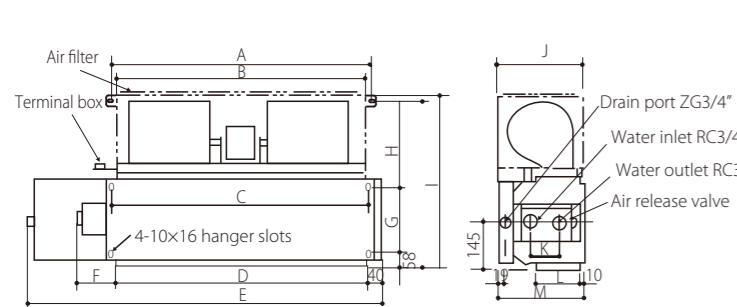
Floor standing / Ceiling & Floor >>

Dimensions (unit:mm)

Concealed type



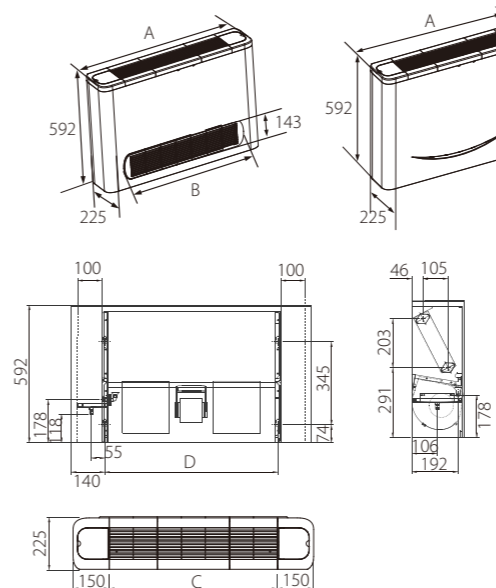
Model	MKF(H)3-150/250	MKF(H)3-300/400	MKF(H)3-450/500	MKF(H)3-600~900
A(mm)	550	750	950	1250
B(mm)	526	726	926	1226
C(mm)	500	700	900	1200
D(mm)	532	732	932	1232



Model	MKT3-800/1000G50-A4	MKT4-1200/1400/1500/1600G50-A4	MKT4-1800/2000G50-A4
A	960	1085	1277
B	900	1135	1327
C	910	1112	1308
D	885	1085	1277
E	1180	1369	1500
F	150	160	160
G	195	195	195
H	335	335	335
I	612	612	612
J	342	342	342
K	231	231	231
L	230	230	230
M	340	340	340

Notes:
This figure is for reference only, actual product may differ.
The dotted line in the figure is the dimension for air return plenum.
Units with air return plenum is standard, units without air return plenum can be customized.

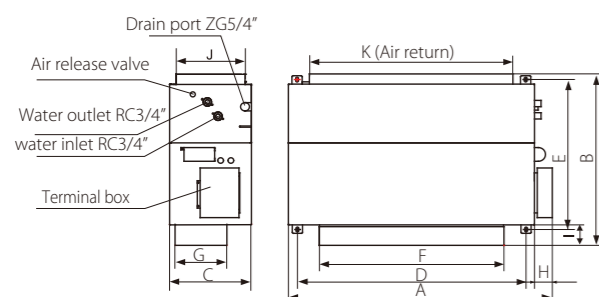
Exposed type



Model	MKF(H)4-150/250	MKF(H)4-300/400	MKF(H)4-450/500	MKF(H)4-600~900
A(mm)	800	1000	1200	1500
B(mm)	584	784	984	1284
C(mm)	500	700	900	1200
D(mm)	526	726	926	1226

High static pressure duct >>

Dimensions (unit:mm)



Model	MKT3H-800G70	MKT3H-800EG70	MKT3H-1600G100	MKT3H-1600EG100
A	946	946	1290	1290
B	816	876	809	874
C	400	400	400	400
D	778	778	1118	1118
E	767	767	765	765
F	306	306	900	900
G	219	219	249	249
H	88	88	88	88
I	37	97	39	104
J	338	338	320	320
K	512	512	995	995

Control Devices

Wireless Remote Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
R05/BGE		<ul style="list-style-type: none"> LCD display screen Mode control Fan speeds control Time setting / Temp. setting / Swing setting 	4-way Cassette (standard)
R51/E			Compact 4-way cassette and Wall mounted (standard)

Wired Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
KJRP-86A1-E		<ul style="list-style-type: none"> LCD display screen Mode control Fan speeds control Timer setting / Temp. setting 	Duct without electric heater (optional)
KJR-18B/E		<ul style="list-style-type: none"> Mechanical thermostat Mode control Fan speeds control Temp. setting 	Duct without electric heater (optional)
KJR-21B/D		<ul style="list-style-type: none"> LCD display screen Mode control / Fan speeds control Electric heater control Temp. setting 	Duct with electric heater (optional)
KJR-15B/E		<ul style="list-style-type: none"> LCD display screen Mode control Fan speeds control Temperature display in oF or oC 	Floor standing / Ceiling & floor (optional)

Centralized Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
CCM03		<ul style="list-style-type: none"> Large LCD display screen Max. of 64 FCUs can be controlled by a CCM03 Mode control / fan speed control Time setting / temp. setting / swing setting 	All FCUs (cassette FCUs need adding NIM01 module)
CCM09		<ul style="list-style-type: none"> Weekly schedule function Basic functions are same as CCM03 	
CCM30		<ul style="list-style-type: none"> Touch-style keys Basic functions are same as CCM03 	

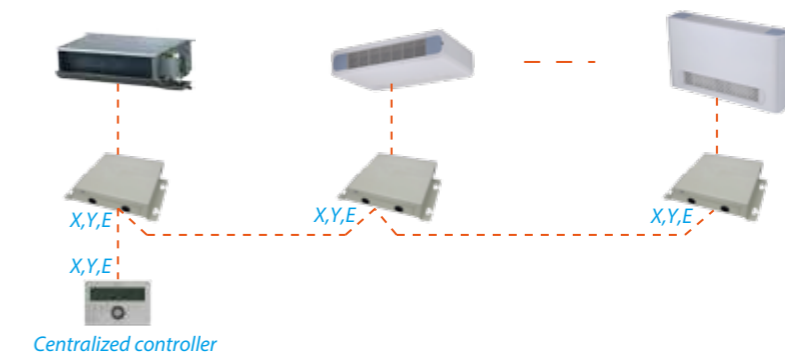
Accessories

PC Board Control Kit for FCU >>

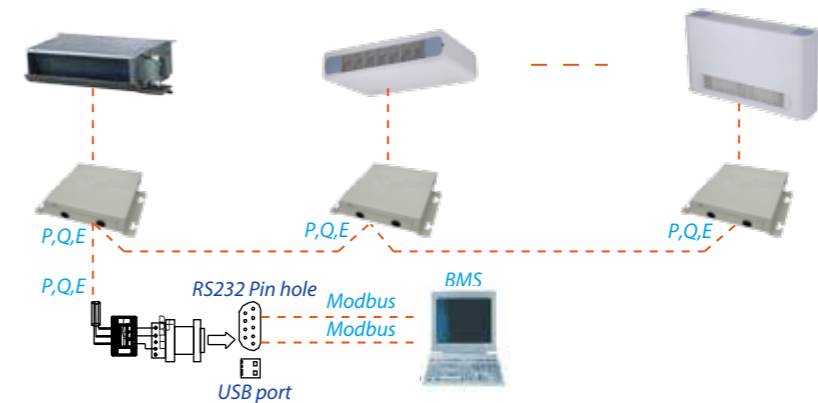


- Available for all non-PCB FCUs.
- Flexible installation, it can be attached to the unit, mounted on a wall or hung under a ceiling.
- External installation making maintenance more convenient.
- Three fan speeds control/ Water pump control/ Long-distance ON/OFF control/ ALARM function/ Electric heater control.
- Operating status can be displayed by wired controller lamp indicator.
- Centralized control function.
- BMS control function through Modbus protocol.

Centralized control



BMS control function through Modbus protocol



Model	CE-FCUKZ-03		CE-FCUKZ-04
Applicable appliance	2-pipe FCUs		4-pipe FCUs
Power supply	V-Ph-Hz	220~240-1-50/60	
Operation range	Room temp.	°C	17-30
	Inlet water temp.	°C	3-75
Temp. controlling precision		°C	±1
Net dimension	WxHxD	mm	296x66x212
Packing size	WxHxD	mm	410x115x262
Net weight		kg	1.4
Gross weight		kg	2.5