



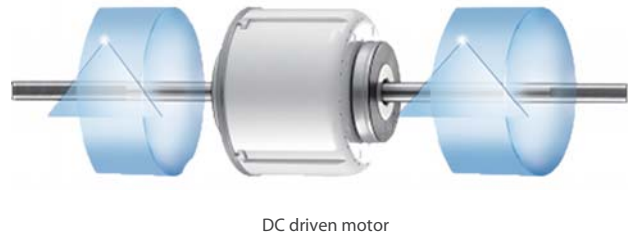
DC Fan Coil Units

York DC Fan Coil Units operate in high efficiency and low sound level due to the DC brushless fan motor. It contains cassette units, ceiling & floor units with or without cabinet, wall-mounted units and duct units. The air volume ranges from 150CFM to 1500CFM. It is a highly versatile product suitable for hospitals, office buildings, hotels, airports and various other applications.

Advantage of Fan Coil Units with

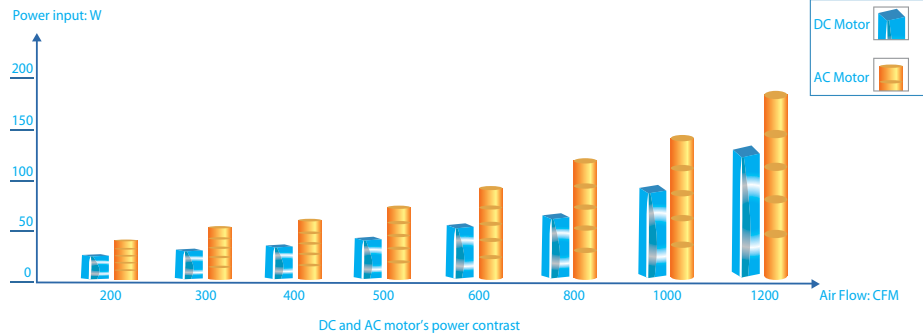
DC Brushless Fan Motor

The DC fan coil units are the new energy saving products improved with advanced DC driven technology. The DC fan coil units have advanced technology of high energy efficiency, low noise operation and precision temperature control, so are ideal for hospitals, office building, hotels, airports and various other applications.



Energy Efficiency

The power consumption of DC driven fan coil units can be reduced up to 30% in comparison to corresponding AC type.



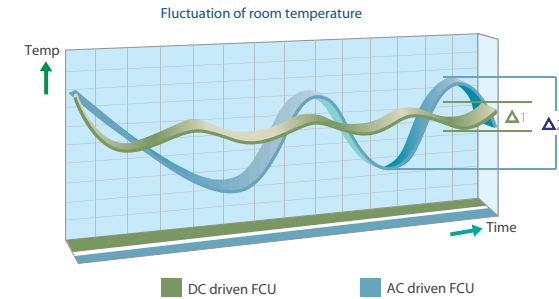
Quiet Operation

Unit noise is 2-5dB(A) lower compared to an AC motor fan coil unit, creating a quiet living environment.



Constant Level of Air Temperature and Humidity

The DC Inverter fan motor adjusts of air flow based on thermal load instantly providing less temperature fluctuation and an improved living environment.









Versatile Selection

York DC Fan Coil Units contain cassette units, ceiling & floor units with or without cabinet, wall-mounted units and duct units. The air volume ranges from 150CFM to 1500CFM. It is a highly versatile product suitable for hospitals, office buildings, hotels, airports and various other applications.





Product Lineup

2-Pipe FCUs

Air volume (CFM)		150	200	250	300	350	400	450	500		600	700	750	800	850	900	950	1000	1200	1500	
1-way cassette																					
4-way cassette																					
Compact 4-way cassette																					
Duct																					
Wall mounted																					
Ceiling&floor																					

4-Pipe FCUs

Air volume (CFM)		200	300	400	500	600	750	800		850	950	1000	1200	1500
4-way cassette														
Compact 4-way cassette														

Notes:
The power supply for all fan coil units is 220V-240V/50Hz



300/400/600CFM

Features

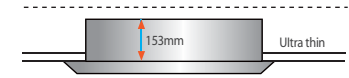
- Auto mode and seven speed fan motor.
- Ultra-thin, the thickness is only 200mm.
- Hysteresis temperature can be set in heating and cooling mode by PCB switch, field adjustable.
- With/without forced fan on can be set by PCB switch, field adjustable.
- The centralized control function can be connected through the customization XYE port.
- The Gateway(Modbus) can be connected through the customization PQE port.
- Wired controller KJR-75A is optional.
- 0-10V wired control is optional.

Notes: Centralized control function and Gateway(Modbus) can only choose one.

1-way Cassette

Min. 153mm Thickness

- Compact design, ultra slim body with a minimum thickness of 153mm, especially suitable for narrow ceiling, such as in lobbies and small meeting rooms.



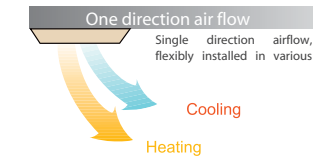
High-lift Pump

- Standard built-in drain pump with 750mm pump



One Direction Air Flow

- One direction air flow guarantees quick cooling, flexible installation positioning.



Specifications

Model		Y1GW03CDE-M-RX Y1GW03CDE-M-WX	Y1GW04CDE-M-RX Y1GW04CDE-M-WX	Y1GW05CDE-M-RX Y1GW05CDE-M-WX
Power supply		V/Ph/Hz		220-240/1/50
Air flow (H/M/L)		m ³ /h		510/432/330
		CFM		300/254/194
Cooling	Capacity (H/M/L)	kW		2.64/2.23/1.68
	Water flow rate(H/M/L)	m ³ /h		0.49/0.42/0.33
	Water pressure drop(H/M/L)	kPa		8.63/6.26/3.69
	Power input(H/M/L)	W		22/18/14
Heating	Capacity (H/M/L)	kW		3.85/3.27/2.53
	Water flow rate(H/M/L)	m ³ /h		0.5/0.42/0.32
	Water pressure drop(H/M/L)	kPa		7.72/5.75/3.28
	Power input(H/M/L)	W		16/11/8
Sound pressure level (H/M/L)	dB(A)	44.3/40.6/33.5		36.6/32.6/30.4
Fan motor	Type	DC motor		DC motor
	Quantity	1		1
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1		1
Coil	Row	2		2
	Max. working pressure	MPa		1.6
	Diameter	mm		7
Panel	Net dimensions (W×H×D)	mm		1181x466x60
	Packing size (W×H×D)	mm		1232x517x107
	Net weight	kg		3.5
	Gross weight	kg		5.2
Body	Net dimensions (W×H×D)	mm		1055x425x169
	Packing size (W×H×D)	mm		1155x490x245
	Net weight	kg		12.5
Pipe connections	Gross weight	kg		16.5
	Water inlet/outlet pipe	inch		RC1/2
	Drain pipe	mm		OD25

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a semi-anechoic test room.

4-way Cassette



Compact 4-way Cassette

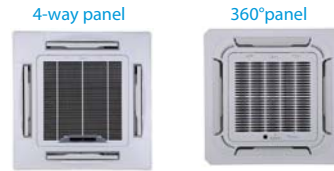


Various Selections

- Versions for 2/4 pipe system.
- Versions for compact/normal size.

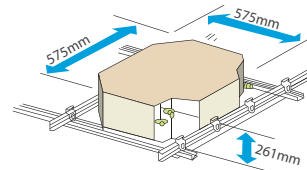
Stylish Panel with Large Airflow Outlet

- 4-way air supply panel is standard for 4-way cassette.
- 360° air supply panel is standard for compact 4-way cassette.



Compact Design, Easy Installation

- For Compact Four-way Cassette: Extremely compact casing suits any room's decor and requires little space for installation on a low ceiling. Due to compact body and light weight, all models can be installed without a hoist.



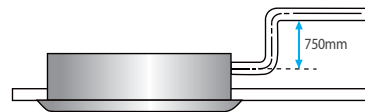
High Efficiency and Low Sound Operation

Various Accessories Selections

- Thanks to the DC brushless fan motor, the unit operates in high efficiency and low sound level.
- Extended drainage pan for better ceiling protection is optional.

High-lift Drain Pump

- Standard built-in drain pump with 750mm pump head for normal size and 500mm for compact size.



Fresh Air Intake

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



2-Pipe 4-Way Cassette



Model		YKGW06CDE-M-RX YKGW06CDE-M-WX	YKGW07CDE-M-RX YKGW07CDE-M-WX	YKGW08CDE-M-RX YKGW08CDE-M-WX	
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m ³ /h	1175/987/768	1229/1020/810	1451/1146/1012	
	CFM	691/580/451	722/600/476	853/674/595	
	kW	5.93/5.3/4.4	6.12/5.45/4.6	7.52/6.46/5.89	
Cooling ¹	Capacity (H/M/L)	m ³ /h	1.06/0.92/0.77	1.10/0.96/0.81	1.37/1.18/1.07
	Water flow rate(H/M/L)	m ³ /h	19.2/15.4/11	21.3/21.3/12.4	20.1/15.3/12.6
	Water pressure drop(H/M/L)	kPa	41/27/17	49/31/20	68/37/30
	Power input(H/M/L)	kW	6.06/5.72/5.32	6.27/5.88/5.43	7.88/7.48/6.76
Heating ²	Capacity (H/M/L)	m ³ /h	1.30/1.14/1.13	1.39/1.20/1.00	1.66/1.39/1.25
	Water flow rate(H/M/L)	m ³ /h	25.9/20.1/19.9	30/22.7/16.3	26.7/18.8/15.6
	Water pressure drop(H/M/L)	kPa	42/28/17	44/32/20	66/37/28
	Power input(H/M/L)	kW	8.42/7.37/6.06	8.62/7.49/6.27	10.37/8.27/7.88
Heating ³	Capacity (H/M/L)	m ³ /h	1.06/0.92/0.77	1.10/0.96/0.81	1.37/1.18/1.07
	Water flow rate(H/M/L)	m ³ /h	16.9/12.7/8.6	19.1/14.8/10.6	18.2/13.6/11.1
	Water pressure drop(H/M/L)	kPa	42/28/17	49/31/19	67/37/28
	Power input(H/M/L)	kW	43/39/33	44/40/34	45/40/37
Sound pressure level (H/M/L)	dB(A)	43/39/33	44/40/34	45/40/37	
Fan motor	Type	DC Motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
	Row	2			
Coil	Max. Working pressure	MPa	1.6		
	Diameter	mm	7		
	Net dimensions (W×H×D)	mm	950×45×950		
Panel	Packing size (W×H×D)	mm	1035×90×1035		
	Net weight	kg	6		
	Gross weight	kg	9		
Body	Net dimensions (W×H×D)	mm	840×300×840		
	Packing size (W×H×D)	mm	900×237×900		
	Net weight	kg	23		
	Gross weight	kg	28		
Pipe connections	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	mm	OD 32		

Model		YKGW09CDE-M-RX YKGW09CDE-M-WX	YKGW12CDE-M-RX YKGW12CDE-M-WX	YKGW15CDE-M-RX YKGW15CDE-M-WX	
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m ³ /h	1530/1224/1101	1581/1371/1236	1871/1415/1198	
	CFM	900/720/647	930/806/727	1100/832/704	
	kW	7.84/6.84/6.35	7.87/7.12/6.67	11.19/8.82/7.48	
Cooling ¹	Capacity (H/M/L)	m ³ /h	1.43/1.24/1.13	1.44/1.28/1.22	1.96/1.53/1.28
	Water flow rate(H/M/L)	m ³ /h	22/17/14.1	22.3/18.1/16.3	36.6/22.7/16.4
	Water pressure drop(H/M/L)	kPa	75/42/34	85/59/45	126/58/39
	Power input(H/M/L)	kW	8.49/8/7.35	9.16/8.54/7.9	10.07/9.37/8.68
Heating ²	Capacity (H/M/L)	m ³ /h	1.71/1.45/1.33	1.73/1.57/1.46	2.35/1.86/1.59
	Water flow rate(H/M/L)	m ³ /h	28.1/20.7/17.4	28.8/24/20.7	49.2/31.2/23.3
	Water pressure drop(H/M/L)	kPa	76/43/33	86/59/45	128/58/38
	Power input(H/M/L)	kW	10.86/9.24/8.49	10.92/9.84/9.16	14.92/11.73/10.07
Heating ³	Capacity (H/M/L)	m ³ /h	1.43/1.24/1.13	1.44/1.28/1.22	1.96/1.53/1.28
	Water flow rate(H/M/L)	m ³ /h	19.9/15.2/12.6	20/16.2/14.7	34.3/21.3/15
	Water pressure drop(H/M/L)	kPa	76/42/33	85/58/45	127/58/39
	Power input(H/M/L)	kW	46/42/39	48/44/41	49/43/39
Sound pressure level (H/M/L)	dB(A)	46/42/39	48/44/41	49/43/39	
Fan motor	Type	DC Motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
	Row	2			
Coil	Max. Working pressure	MPa	1.6		
	Diameter	mm	7		
	Net dimensions (W×H×D)	mm	950×45×950		
Panel	Packing size (W×H×D)	mm	1035×90×1035		
	Net weight	kg	6		
	Gross weight	kg	9		
Body	Net dimensions (W×H×D)	mm	840×300×840		
	Packing size (W×H×D)	mm	900×330×900		
	Net weight	kg	27		
	Gross weight	kg	33		
Pipe connections	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	mm	OD 32		

Notes:

H:High fan speed; M: Medium fan speed; L: Low fan speed.

1.Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.

2.Heating mode(1): (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.

3.Heating mode(2): (2-pipe coil): entering air temperature 20°C DB, enter water teperature/water flow 50°C/3("same water flow as in standard rating condition in cooling)

4.Noise is tested in a semi-anechoic test room.

4-Pipe 4-Way Cassette



Model		YKGW06CDE-FM-RX YKGW06CDE-FM-WX	YKGW07CDE-FM-RX YKGW07CDE-FM-WX	YKGW08CDE-FM-RX YKGW08CDE-FM-WX	
Power supply		V/Ph/Hz 220-240/1/50			
Air flow (H/M/L)		m³/h 1184/997/783 696/586/460			
Cooling ¹	Capacity (H/M/L)	kW 4.96/4.38/3.642			
	Water flow rate(H/M/L)	m³/h 0.9/0.81/0.67			
	Water pressure drop(H/M/L)	kPa 14.8/11.3/8.1			
Heating ²	Capacity (H/M/L)	kW 6.148/5.43/4.614			
	Water flow rate(H/M/L)	m³/h 0.58/0.52/0.45			
	Water pressure drop(H/M/L)	kPa 25.3/20.5/14.5			
Heating ³	Capacity (H/M/L)	kW 6.94/6.217/5.266			
	Water flow rate(H/M/L)	m³/h 0.64/0.58/0.50			
	Water pressure drop(H/M/L)	kPa 37.2/26.1/19.3			
Sound power level	(H/M/L)	dB(A) 54/49/43			
Sound pressure level	(H/M/L)	dB(A) 42/37/31			
Rated current	A	0.48			
Fan motor	Type	DC motor			
Fan	Quantity	1			
Coil	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Panel	Row	2			
	Max. working pressure	MPa 1.6			
Body	Diameter	mm 7			
	Net dimensions (WxHxD)	mm 950x45x950			
Pipe connections	Packing size (WxHxD)	mm 1035x90x1035			
	Net weight	kg 6			
Body	Gross weight	kg 9			
	Net dimensions (WxHxD)	mm 840x300x840			
Pipe connections	Packing size (WxHxD)	mm 900x330x900			
	Net weight	kg 27.5			
Body	Gross weight	kg 33.5			
	Water inlet/outlet pipe	Inch OD 32			
Pipe connections	Drain pipe	mm OD 32			

Model		YKGW09CDE-FM-RX YKGW09CDE-FM-WX	YKGW12CDE-FM-RX YKGW12CDE-FM-WX	YKGW15CDE-FM-RX YKGW15CDE-FM-WX	
Power supply		V/Ph/Hz 220-240/1/50			
Air flow (H/M/L)		m³/h 1403/1115/1001 824/655/588			
Cooling ¹	Capacity (H/M/L)	kW 5.306/4.593/4.279			
	Water flow rate(H/M/L)	m³/h 0.96/0.84/0.78			
	Water pressure drop(H/M/L)	kPa 16.4/12.6/10.9			
Heating ²	Capacity (H/M/L)	kW 6.736/5.833/5.442			
	Water flow rate(H/M/L)	m³/h 0.63/0.55/0.52			
	Water pressure drop(H/M/L)	kPa 34/26.6/23.5			
Heating ³	Capacity (H/M/L)	kW 7.659/6.646/6.204			
	Water flow rate(H/M/L)	m³/h 0.71/0.62/0.58			
	Water pressure drop(H/M/L)	kPa 43.8/33.9/29.3			
Sound power level	(H/M/L)	dB(A) 58/53/50			
Sound pressure level	(H/M/L)	dB(A) 46/41/38			
Rated current	A	0.72			
Fan motor	Type	DC motor			
Fan	Quantity	1			
Coil	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Panel	Row	2			
	Max. working pressure	MPa 1.6			
Body	Diameter	mm 7			
	Net dimensions (WxHxD)	mm 950x45x950			
Pipe connections	Packing size (WxHxD)	mm 1035x90x1035			
	Net weight	kg 6			
Body	Gross weight	kg 9			
	Net dimensions (WxHxD)	mm 840x300x840			
Pipe connections	Packing size (WxHxD)	mm 900x330x900			
	Net weight	kg 27.5			
Body	Gross weight	kg 32.4			
	Water inlet/outlet pipe	Inch OD 32			
Pipe connections	Drain pipe	mm OD 32			

Notes:

H: High fan speed; M: Medium fan speed; L: Low fan speed.

- Cooling mode (2 and 4-pipe coil); entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C.
- Heating mode(1); (4-pipe coil); entering air temperature 20°C DB, entering/leaving water temperature 65/55°C.
- Heating mode(2); (4-pipe coil); entering air temperature 20°C DB, entering/leaving water temperature 70/60°C.
- Sound pressure level is tested in a semi-anechoic test room.
- Sound power level is tested in a reverberation chamber.

2-Pipe Compact 4-Way Cassette



Model		YTGW03CDE-M-RX YTGW03CDE-M-WX	YTGW04CDE-M-RX YTGW04CDE-M-WX	YTGW05CDE-M-RX YTGW05CDE-M-WX	
Power supply		V/Ph/Hz 220-240/1/50			
Air flow (H/M/L)		m³/h 535/429/322 314/252/189			
Cooling ¹	Capacity (H/M/L)	kW 2.98/2.53/2			
	Water flow rate(H/M/L)	m³/h 0.53/0.45/0.35			
	Water pressure drop(H/M/L)	kPa 10/7/5			
Heating ²	Capacity (H/M/L)	kW 2.61/2.31/2.24			
	Water flow rate(H/M/L)	m³/h 0.64/0.54/0.42			
	Water pressure drop(H/M/L)	kPa 12.1/8.5/5.3			
Heating ³	Capacity (H/M/L)	kW 4.01/3.35/2.61			
	Water flow rate(H/M/L)	m³/h 0.53/0.45/0.35			
	Water pressure drop(H/M/L)	kPa 8.2/6/3.8			
Sound power level	(H/M/L)	dB(A) 39/33/27			
Fan motor	Type	DC Motor			
Fan	Quantity	1			
Coil	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Panel	Row	2			
	Max. working pressure	MPa 1.6			
Body	Diameter	mm 7			
	Net dimensions (WxHxD)	mm 647x50x647			
Pipe connections	Packing size (WxHxD)	mm 715x123x715			
	Net weight	kg 2.5			
Body	Gross weight	kg 4.5			
	Net dimensions (WxHxD)	mm 575x261x575			
Pipe connections	Packing size (WxHxD)	mm 670x290x670			
	Net weight	kg 16.5			
Body	Gross weight	kg 22.5			
	Water inlet/outlet pipe	Inch G3/4			
Pipe connections	Drain pipe	mm OD 25			

4-Pipe Compact 4-Way Cassette

Model		YTGW03CDE-FM-RX YTGW03CDE-FM-WX	YTGW04CDE-FM-RX YTGW04CDE-FM-WX	YTGW05CDE-FM-RX YTGW05CDE-FM-WX	
Power supply		V/Ph/Hz 220-240/1/50			
Air flow (H/M/L)		m³/h 493/395/295 290/232/173			
Cooling ¹	Capacity (H/M/L)	kW 2.161/1.861/1.485			
	Water flow rate(H/M/L)	m³/h 0.42/0.37/0.3			
	Water pressure drop(H/M/L)	kPa 17.4/13.5/9.3			
Heating ²	Capacity (H/M/L)	kW 3.131/2.628/2.077			
	Water flow rate(H/M/L)	m³/h 0.32/0.28/0.23			
	Water pressure drop(H/M/L)	kPa 23.5/17.1/11.3			
Heating ³	Capacity (H/M/L)	kW 3.564/2.989/2.356			
	Water flow rate(H/M/L)	m³/h 0.36/0.31/0.25			
	Water pressure drop(H/M/L)	kPa 29.8/21.7/14.3			
Sound power level	(H/M/L)	dB(A) 51/45/39			
Sound pressure level	(H/M/L)	dB(A) 39/33/27			
Rated current	A	0.24			
Fan motor	Type	DC motor			
Fan	Quantity	1			
Coil	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Panel	Row	2			
	Max. working pressure	MPa 1.6			
Body	Diameter	mm 7			
	Net dimensions (WxHxD)	mm 647x50x647			
Pipe connections	Packing size (WxHxD)	mm 715x123x715			
	Net weight	kg 2.5			
Body	Gross weight	kg 4.5			
	Net dimensions (WxHxD)	mm 575x261x575			
Pipe connections	Packing size (WxHxD)	mm 675x320x675			
	Net weight	kg 16.7			
Body	Gross weight	kg 22.7			
	Water inlet/outlet pipe	Inch OD 25			
Pipe connections	Drain pipe	mm OD 25			

Notes:

H: High fan speed; M: Medium fan speed; L: Low fan speed.

- Cooling mode (2 and 4-pipe coil); entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C.
- Heating mode(1); (4-pipe coil); entering air temperature 20°C DB, entering/leaving water temperature 65/55°C.
- Heating mode(2); (4-pipe coil); entering air temperature 20°C DB, entering/leaving water temperature 70/60°C.
- Sound pressure level is tested in a semi-anechoic test room.
- Sound power level is tested in a reverberation chamber.

Duct Series

2-Pipe Duct



Various Selections

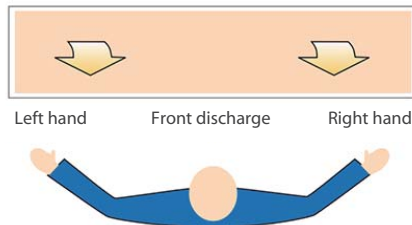
- 2 row coils for 2-pipe system.
- Large range of available static pressure.

High Efficiency and Low Sound Operation

- Due to the DC brushless fan motor, the unit operates in high efficiency and low sound level.

Flexible Installation

- Left and right hand piping connections are optional, flexible installation.



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 the room.



2-Pipe 2-Row Duct



Model		YAGW02CDE-M-RX YAGW02CDE-M-WX	YAGW03CDE-M-RX YAGW03CDE-M-WX	YAGW04CDE-M-RX YAGW04CDE-M-WX	YAGW05CDE-M-RX YAGW05CDE-M-WX	
Power supply		220-240/1/50				
Air flow (H/M/L)		m ³ /h CFM	439/295/221 158/107/80	615/439/310 221/158/107	792/622/413 281/221/158	
Standard external static pressure		Pa	12Pa (default); 30/50Pa can be set through dial switch on PCB			
Cooling ¹	Capacity (H/M/L)	kW	2.02/1.52/1.17	2.82/2.33/1.79	3.31/2.78/2.14	
	Water flow rate(H/M/L)	m ³ /h	0.37/0.28/0.22	0.51/0.41/0.32	0.59/0.50/0.38	
	Water pressure drop(H/M/L)	kPa	6.3/3.62/2.17	14.16/10.57/3.33	19.37/14.79/9.57	
	Power input(H/M/L)	W	18/9/6	25/15/11	29/16/9	
Heating ²	Capacity (H/M/L)	kW	2.57/1.89/1.47	3.56/2.82/2.08	4.19/3.42/2.49	
	Water flow rate(H/M/L)	m ³ /h	0.47/0.34/0.27	0.62/0.50/0.37	0.72/0.6/0.45	
	Water pressure drop(H/M/L)	kPa	5.64/4.5/2.9	10.54/10.3/6.3	16.20/16.6/10	
	Power input(H/M/L)	W	19/9/7	25/15/11	32/17/9	
Heating ³	Capacity (H/M/L)	kW	2.98/2.22/1.73	4.12/3.26/2.39	4.91/4.1/3.02	
	Water flow rate(H/M/L)	m ³ /h	0.37/0.28/0.22	0.51/0.41/0.32	0.59/0.50/0.38	
	Water pressure drop(H/M/L)	kPa	7.91/3.5/2.3	15.39/7.41/4.83	23/12.09/7.81	
	Power input(H/M/L)	W	19/9/7	25/15/11	31/18/9	
Sound pressure level	0Pa (H/M/L)	dB(A)	37.5/27.4/24.0	40.3/33.1/26.7	41.1/34.7/26.8	
Fan motor	Type	DC Motor				
	Quantity	1				
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	2				
Coil	Row	2				
	Max. working pressure	MPa	1.6			
	Diameter	mm	9.52			
Net dimensions (W×H×D)	mm	741×241×522	841×241×522	941×241×522	941×241×522	
Packing size (W×H×D)	mm	790×260×555	890×260×560	990×260×560	990×260×560	
Net weight	kg	16.5	18.5	20	20	
Gross weight	kg	19	21.4	23.2	23.2	
Water inlet/outlet pipe	inch	RC3/4				
Drain pipe	inch	R3/4				

Model		YAGW06CDE-M-RX YAGW06CDE-M-WX	YAGW08CDE-M-RX YAGW08CDE-M-WX	YAGW10CDE-M-RX YAGW10CDE-M-WX	YAGW12CDE-M-RX YAGW12CDE-M-WX	
Power supply		220-240/1/50				
Air flow (H/M/L)		m ³ /h CFM	1081/821/586 385/295/200	1492/1071/797 527/385/271	1824/1332/906 652/479/327	
Standard external static pressure		Pa	12Pa (default); 30/50Pa can be set through dial switch on PCB			
Cooling ¹	Capacity (H/M/L)	kW	4.78/4.01/3.09	6.77/5.49/4.45	7.92/6.62/5.15	
	Water flow rate(H/M/L)	m ³ /h	0.85/0.69/0.54	1.19/0.96/0.80	1.43/1.17/0.91	
	Water pressure drop(H/M/L)	kPa	14.2/9.8/6.1	15.1/10.89/7.82	23.2/16.44/10.94	
	Power input(H/M/L)	W	53/25/12	62/28/16	93/42/19	
Heating ²	Capacity (H/M/L)	kW	6.25/5.17/4.03	8.39/6.64/5.2	9.92/7.94/5.86	
	Water flow rate(H/M/L)	m ³ /h	1.10/0.91/0.7	1.46/1.17/0.91	1.69/1.38/1.01	
	Water pressure drop(H/M/L)	kPa	12.36/14.2/8.9	13.26/13.1/8.28	19.72/18.87/11.07	
	Power input(H/M/L)	W	58/27/13	66/30/16	100/44/19	
Heating ³	Capacity (H/M/L)	kW	7.19/5.92/4.55	9.87/7.83/6.29	11.63/9.37/6.96	
	Water flow rate(H/M/L)	m ³ /h	0.85/0.69/0.54	1.19/0.96/0.80	1.43/1.17/0.91	
	Water pressure drop(H/M/L)	kPa	19.88/8.56/5.4	19.36/9.03/6.4	26.68/13.96/9.1	
	Power input(H/M/L)	W	58/27/13	66/30/17	99/45/19	
Sound pressure level	0Pa (H/M/L)	dB(A)	46.1/38.9/29.9	47.7/39.4/31.1	50.2/43.0/33.0	
Fan motor	Type	DC Motor				
	Quantity	2				
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	2				
Coil	Row	2				
	Max. working pressure	MPa	1.6			
	Diameter	mm	9.52			
Net dimensions (W×H×D)	mm	1161×241×522	1461×241×522	1566×241×522	1856×241×522	
Packing size (W×H×D)	mm	1210×260×560	1510×260×560	1615×260×560	1905×260×560	
Net weight	kg	22.2	31.4	32.5	37.5	
Gross weight	kg	26	35.8	37.2	42.8	
Water inlet/outlet pipe	inch	RC3/4				
Drain pipe	inch	R3/4				

Notes:

H:High fan speed; M: Medium fan speed; L: Low fan speed.

1: Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C/12°C.

2: Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.

3: Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperature/water flow 50°C/*(same water flow as in standard rating condition in cooling)

Wall Mounted Series

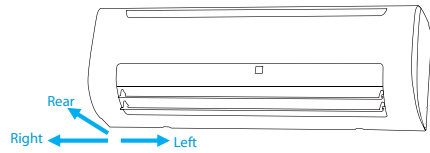


Stylish Panel

- 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

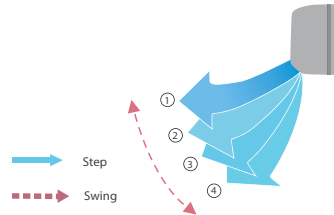
- Multi-directional outlet pipe feature: left/right/rear, to meet the needs of different rooms.



Built-in 3-Way Electromagnetic Valve

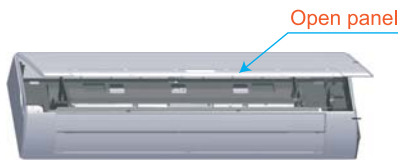
Auto Swing Louver

- 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



Model		YHGW02CDE-M-RX YHGW02CDE-M-WX	YHGW03CDE-M-RX YHGW03CDE-M-WX	YHGW04CDE-M-RX YHGW04CDE-M-WX	YHGW05CDE-M-RX YHGW05CDE-M-WX	YHGW06CDE-M-RX YHGW06CDE-M-WX	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m ³ /h	492/454/400	585/485/413	825/689/590	862/741/634	979/849/717	
	CFM	289/267/235	344/285/242	485/405/347	507/435/372	575/499/421	
Cooling ¹	Capacity (H/M/L)	kW	2.77/2.59/2.39	2.91/2.54/2.19	3.81/3.3/2.88	4.47/3.98/3.48	4.87/4.26/3.79
	Water flow rate(H/M/L)	m ³ /h	0.48/0.46/0.42	0.51/0.45/0.38	0.67/0.57/0.51	0.77/0.68/0.61	0.85/0.72/0.65
	Water pressure drop(H/M/L)	kPa	31.61/28.63/25.36	37.2/29.73/23.36	56.75/41.23/33.02	41.17/33.54/27.05	50.68/39.47/33.66
Heating ²	Capacity (H/M/L)	kW	13/11/10	15/11/9	34/22/15	26/18/13	38/26/18
	Water flow rate(H/M/L)	m ³ /h	2.94/2.8/2.58	3.23/2.77/2.42	4.3/3.65/3.09	4.84/4.23/3.62	5.26/4.68/3.96
	Water pressure drop(H/M/L)	kPa	0.51/0.49/0.46	0.56/0.49/0.42	0.73/0.64/0.56	0.84/0.73/0.64	0.89/0.80/0.68
Heating ³	Capacity (H/M/L)	kW	32.66/34.89/30.24	34.12/31.53/25.1	51.86/47.53/35.69	36.82/33.83/26.26	47.12/42.75/32.95
	Water flow rate(H/M/L)	m ³ /h	11/11/9	14/10/8	31/20/14	22/16/12	33/23/16
	Water pressure drop(H/M/L)	kPa	3.29/3.03/2.63	3.76/3.22/2.77	5.08/4.33/3.77	5.68/4.94/4.24	6.31/5.57/4.77
Sound pressure level (H/M/L)	dB(A)	32/30/27	32/27/23	45/39/35	38/34/30	44/40/35	
	Type	DC Motor	DC Motor	DC Motor	DC Motor	DC Motor	
Fan motor	Type	Tangential fan	Tangential fan	Tangential fan	Tangential fan	Tangential fan	
	Quantity	1	1	1	1	1	
Fan	Type	Tangential fan	Tangential fan	Tangential fan	Tangential fan	Tangential fan	
	Quantity	2	2	2	2	2	
Coil	Max. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	7	7	7	7	
	Net dimensions (W×H×D)	mm	915×290×230	915×290×230	915×290×230	1072×315×230	1072×315×230
Packing size (W×H×D)	mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315	
Net weight	kg	12.7	12.7	12.7	15.1	14.9	
Gross weight	kg	17.3	17.6	16.3	19	18.6	
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	OD 20	OD 20	OD 20	OD 20	OD 20	

Notes:

H:High fan speed; M: Medium fan speed; L: Low fan speed.

1:Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.

2:Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.

3:Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperature/water flow 50°C/° (same water flow as in standard rating condition in cooling)

Ceiling&Floor series

Concealed Type



Exposed Type
(air return from bottom)



High Efficiency and Low Sound Operation

- Due to the DC brushless fan motor, the unit operates in high efficiency and low sound level.

Flexible Installation

- Cabinet and concealed versions meet various installation requirements.
- Horizontal or vertical installation.



Feature

- Auto mode and seven speed fan motor
- Ultra-thin, the thickness is only 200mm.
- Hysteresis temperature can be set in heating and cooling mode by PCB switch, field adjustable.
- With/without forced fan on can be set by PCB switch, field adjustable.
- The centralized control function can be connected through the customization XYE port.
- The Gateway(Modbus) can be connected through the customization PQE port.
- Wired controller KJR-75A is optional.
- 0-10V wired control is optional.

Note: Centralized control function and Gateway(Modbus) can only choose one.

Ceiling&Floor



Model		YFGW03CDL-M3RT YFGW03CDL-M3WT	YFGW03CDL-M4RT YFGW03CDL-M4WT	YFGW04CDL-M3RT YFGW04CDL-M3WT	YFGW04CDL-M4RT YFGW04CDL-M4WT	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m ³ /h	255/210/150	255/210/150	400/315/190	425/300/190	
	CFM	150/100/88	150/124/88	235/185/112	250/176/112	
External static pressure	Pa	0				
Cooling	Capacity (H/M/L)	kW	1.50/1.06/0.92	1.95/1.66/1.21	2.35/1.94/1.19	2.85/2.13/1.41
	Water flow rate	m ³ /h	0.26/0.18/0.16	0.33/0.28/0.21	0.40/0.34/0.21	0.49/0.37/0.24
	Water pressure drop	kPa	13.9/8.21/6.16	27.2/20.88/12.2	13.9/9.84/5.59	26/15.08/7.41
Heating	Capacity (H/M/L)	kW	1.57/1.07/0.92	2.03/1.75/1.25	2.60/2.11/1.34	2.95/2.15/1.42
	Water flow rate	m ³ /h	0.27/0.19/0.16	0.34/0.28/0.20	0.45/0.37/0.23	0.51/0.37/0.24
	Water pressure drop	kPa	15.1/7.63/5.84	25.3/19.65/10.25	14.3/10.33/4.5	24.4/13.65/6.64
Power input (H/M/L)	W	15/9/8	20/14/9	17/12/7	20/11/8	
Sound power level	(H/M/L) dB(A)	47/36/34	52/46/38	43/37/29	46/37/29	
Fan motor	Type	Low noise DC fan motor				
Fan	Quantity	1	1	1	1	
	Type	Centrifugal, forward-curved Blades				
	Row	3	4	3	4	
Coil	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7.94	7.94	7.94	7.94
	Net dimensions (WxHxD)	mm	495x200x790	495x200x790	495x200x1020	495x200x1020
Body	Packing size (WxHxD)	mm	595x300x895	595x300x895	595x300x1125	595x300x1125
	Net weight	kg	18.0	18.5	21.5	22.0
	Gross weight	kg	23.5	24.0	27.5	28.0
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	OD 18.5	OD 18.5	OD 18.5	OD 18.5	

Model		YFGW05CDL-M3RT YFGW05CDL-M3WT	YFGW05CDL-M4RT YFGW05CDL-M4WT	YFGW06CDL-M3RT YFGW06CDL-M3WT	YFGW06CDL-M4RT YFGW06CDL-M4WT	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m ³ /h	595/470/340	595/450/310	790/580/410	800/600/420	
	CFM	350/276/200	350/265/182	465/341/241	471/353/247	
External static pressure	Pa	0				
Cooling	Capacity (H/M/L)	kW	3.50/2.89/2.22	3.90/3.20/2.43	4.30/3.48/2.71	4.85/3.92/2.93
	Water flow rate	m ³ /h	0.60/0.50/0.38	0.67/0.55/0.42	0.74/0.60/0.47	0.83/0.67/0.51
	Water pressure drop	kPa	34.1/24.63/13.39	37.4/25.91/13.37	54.7/36.22/22.78	54.3/36.81/21.77
Heating	Capacity (H/M/L)	kW	3.80/3.10/2.35	4.00/3.22/2.50	4.70/3.70/2.81	5.25/4.09/3.04
	Water flow rate	m ³ /h	0.61/0.48/0.38	0.70/0.56/0.42	0.75/0.60/0.45	0.91/0.71/0.53
	Water pressure drop	kPa	35.1/24.41/14.82	36.5/25.34/14.22	54.3/36.82/22.32	53.4/36.54/20.47
Power input (H/M/L)	W	26/17/10	29/17/11	50/25/14	52/28/15	
Sound power level	(H/M/L) dB(A)	52/44/36	52/45/36	59/51/43	59/51/43	
Fan motor	Type	Low noise DC fan motor				
Fan	Quantity	1	1	1	1	
	Type	Centrifugal, forward-curved Blades				
	Row	3	4	3	4	
Coil	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7.94	7.94	7.94	7.94
	Net dimensions (WxHxD)	mm	495x200x1240	495x200x1240	495x200x1240	495x200x1240
Body	Packing size (WxHxD)	mm	595x300x1345	595x300x1345	595x300x1345	595x300x1345
	Net weight	kg	25.5	26.5	25.5	26.5
	Gross weight	kg	32.5	33.5	32.5	33.5
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	OD 18.5	OD 18.5	OD 18.5	OD 18.5	

Model		YFGW07CDL-M3RT YFGW07CDL-M3WT	YFGW07CDL-M4RT YFGW07CDL-M4WT	YFGW08CDL-M3RT YFGW08CDL-M3WT	YFGW08CDL-M4RT YFGW08CDL-M4WT	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m ³ /h	1190/855/505	1190/875/530	1360/1015/685	1300/980/680	
	CFM	700/503/297	700/515/312	800/597/403	765/576/400	
External static pressure	Pa	0				
Cooling	Capacity (H/M/L)	kW	5.60/4.47/3.14	6.35/5.19/3.62	7.35/6.12/4.57	8.25/6.65/4.84
	Water flow rate	m ³ /h	0.96/0.77/0.54	1.09/0.90/0.63	1.27/1.05/0.79	1.43/1.14/0.83
	Water pressure drop	kPa	50.7/33.38/17.73	32.8/21.75/11.43	44.1/33.7/19.41	71.4/46.17/25.39
Heating	Capacity (H/M/L)	kW	6.00/4.77/3.36	7.05/5.61/3.83	8.05/6.46/4.71	8.70/6.81/4.85
	Water flow rate	m ³ /h	1.04/0.83/0.59	1.22/0.98/0.67	1.39/1.12/0.82	1.51/1.18/0.83
	Water pressure drop	kPa	55.5/37.66/19.27	37.6/25.47/12.5	46.9/31.9/18.16	62.6/41.06/21.68
Power input (H/M/L)	W	96/44/17	92/46/19	113/53/22	102/49/22	
Sound power level	(H/M/L) dB(A)	64/56/45	62/56/46	63/58/49	63/57/47	
Fan motor	Type	Low noise DC fan motor				
Fan	Quantity	1	1	1	1	
	Type	Centrifugal, forward-curved Blades				
	Row	3	4	3	4	
Coil	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	7.94	7.94	7.94	7.94
	Net dimensions (WxHxD)	mm	495x200x1360	495x200x1360	591x200x1360	591x200x1360
Body	Packing size (WxHxD)	mm	595x300x1465	595x300x1465	695x300x1465	695x300x1465
	Net weight	kg	28.5	29.5	32.5	34.5
	Gross weight	kg	36.0	37.0	41.0	42.5
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	OD 18.5	OD 18.5	OD 18.5	OD 18.5	

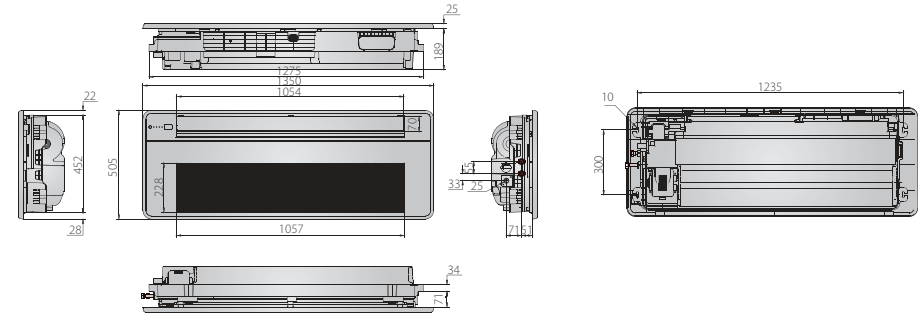
Notes:
 1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
 2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
 Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
 3. Noise is tested in a reverberation chamber.



Model		YFGW03CDL-M3RN YFGW03CDL-M3WN	YFGW03CDL-M4RN YFGW03CDL-M4WN	YFGW04CDL-M3RN YFGW04CDL-M3WN	YFGW04CDL-M4RN YFGW04CDL-M4WN	YFGW05CDL-M3RN YFGW05CDL-M3WN	YFGW05CDL-M4RN YFGW05CDL-M4WN	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m ³ /h CFM	255/170/150 150/100/88	255/210/150 150/124/88	400/315/190 235/185/112	425/300/190 250/176/112	595/470/340 350/276/200	595/450/310 350/265/182	
External static pressure	Pa	10						
Cooling	Capacity (H/M/L)	kW	1.50/1.06/0.92	1.95/1.66/1.21	2.35/1.94/1.19	2.85/2.13/1.41	3.50/2.89/2.22	3.90/3.20/2.43
	Water flow rate	m ³ /h	0.39/0.18/0.16	0.33/0.28/0.21	0.40/0.34/0.21	0.49/0.37/0.24	0.60/0.50/0.38	0.67/0.55/0.42
	Water pressure drop	kPa	13.9/8.2/6.16	27.2/20.88/12.2	13.3/9.98/4.59	26/15.06/7.41	34.1/24.63/15.39	37.4/25.91/15.37
Heating	Capacity (H/M/L)	kW	1.57/1.07/0.92	2.85/1.75/1.25	2.60/2.11/1.34	2.95/2.15/1.42	3.80/3.10/2.35	4.00/3.27/2.59
	Water flow rate	m ³ /h	0.27/0.19/0.16	0.35/0.30/0.22	0.45/0.37/0.23	0.51/0.37/0.24	0.65/0.53/0.40	0.70/0.56/0.43
	Water pressure drop	kPa	15.1/7.63/5.84	25.3/19.65/10.25	14.3/10.33/4.5	24.4/13.65/6.64	35.1/24.41/14.82	38.5/25.34/14.22
Power input (H/M/L)	W	15/9/8	20/14/9	17/12/7	20/11/8	26/17/10	29/17/11	
Rated current	A	0.18	0.21	0.20	0.22	0.26	0.28	
Sound power level	(H/M/L) dB(A)	47/36/34	52/46/38	43/37/29	46/37/29	52/44/36	52/45/36	
Fan motor	Type	Low noise DC fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	1						
Coil	Flow	3						
	Max. working pressure	MPa	1.6					
	Diameter	mm	7.94					
Body	Net dimensions (WxHxD)	mm	455x200x637	455x200x637	455x200x867	455x200x867	455x200x1087	455x200x1087
	Packing size (WxHxD)	mm	555x255x755	555x255x755	555x255x985	555x255x985	555x255x1205	555x255x1205
	Net weight	kg	11.8	12.1	13.9	14.8	17.3	18.2
	Gross weight	kg	16.1	16.4	19.4	20.3	24.0	24.9
Water inlet/outlet pipe	inch	G3/4						
Drain pipe	mm	OD18.5						

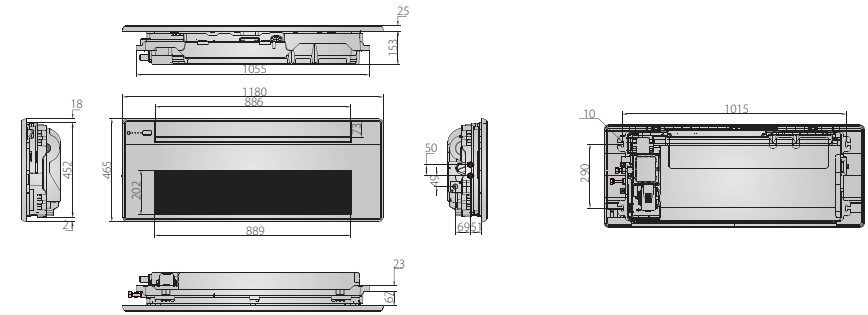
Dimensions

1-way cassette



Y1GW04CDE--M-RX, Y1GW04CDE--M-WX
Y1GW06CDE--M-RX, Y1GW06CDE--M-WX

Model		YFGW06CDL-M3RN YFGW06CDL-M3WN	YFGW06CDL-M4RN YFGW06CDL-M4WN	YFGW07CDL-M3RN YFGW07CDL-M3WN	YFGW07CDL-M4RN YFGW07CDL-M4WN	YFGW08CDL-M3RN YFGW08CDL-M3WN	YFGW08CDL-M4RN YFGW08CDL-M4WN	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m ³ /h CFM	790/580/410 465/341/241	800/600/420 471/353/247	1190/855/505 700/503/297	1190/875/530 700/515/312	1360/1015/685 800/597/403	1300/980/680 765/576/400	
External static pressure	Pa	10						
Cooling	Capacity (H/M/L)	kW	4.30/3.48/2.71	4.85/3.92/2.93	5.60/4.47/3.14	6.35/5.19/3.62	7.35/6.12/4.57	8.25/6.65/4.84
	Water flow rate	m ³ /h	0.74/0.60/0.47	0.83/0.67/0.51	0.96/0.77/0.54	1.09/0.90/0.63	1.27/1.05/0.79	1.43/1.14/0.83
	Water pressure drop	kPa	54.2/36.22/22.78	54.3/36.81/21.77	50.7/33.38/17.73	32.8/21.75/11.43	44.1/33.7/19.41	71.4/46.17/25.39
Heating	Capacity (H/M/L)	kW	4.70/3.70/2.81	5.25/4.09/3.04	6.00/4.77/3.36	7.05/5.61/3.83	8.05/6.46/4.71	8.70/6.81/4.85
	Water flow rate	m ³ /h	0.81/0.64/0.48	0.91/0.71/0.53	1.04/0.83/0.59	1.22/0.98/0.67	1.39/1.12/0.82	1.51/1.18/0.83
	Water pressure drop	kPa	54.3/36.87/22.32	53.4/36.54/20.47	55.5/37.66/19.27	37.6/25.47/12.5	46.9/31.9/18.16	62.6/41.06/21.68
Power input (H/M/L)	W	50/25/14	52/28/15	96/44/17	92/46/19	113/53/22	102/49/22	
Rated current	A	0.49	0.51	0.85	0.79	0.95	0.87	
Sound power level	(H/M/L) dB(A)	59/51/43	59/51/43	64/56/45	62/56/46	63/58/49	63/57/47	
Fan motor	Type	Low noise DC fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	2						
Coil	Flow	3						
	Max. working pressure	MPa	1.6					
	Diameter	mm	7.94					
Body	Net dimensions (WxHxD)	mm	455x200x1087	455x200x1087	455x200x1207	455x200x1207	550x200x1207	550x200x1207
	Packing size (WxHxD)	mm	555x255x1205	555x255x1205	555x255x1325	555x255x1325	650x255x1325	650x255x1325
	Net weight	kg	17.3	18.2	19.6	20.8	23.1	24.3
	Gross weight	kg	24.0	24.9	26.4	27.6	30.2	31.4
Water inlet/outlet pipe	inch	G3/4						
Drain pipe	mm	OD18.5						

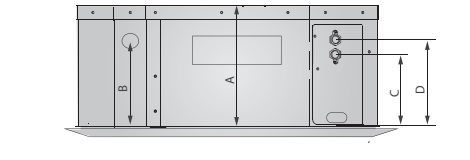
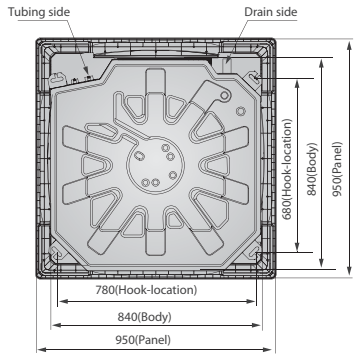


Y1GW03CDE--M-RX, Y1GW03CDE--M-WX

Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C; Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C; Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber.

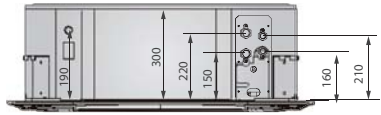
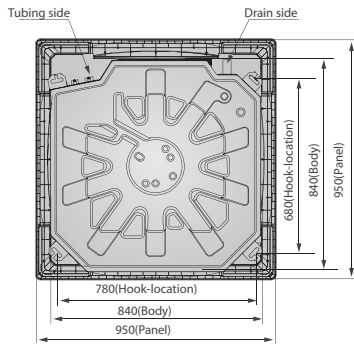
4-way cassette

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

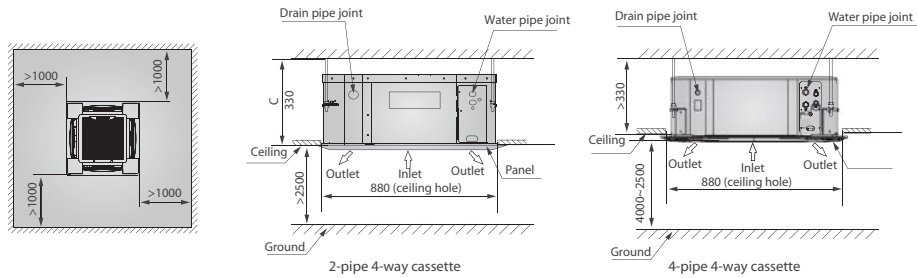


Model	Size	A	B	C	D
YKGW06CDE-M-RX / YKGW06CDE-M-WX YKGW07CDE-M-RX / YKGW07CDE-M-WX	230	170	135	185	
YKGW08CDE-M-RX / YKGW08CDE-M-WX YKGW09CDE-M-RX / YKGW09CDE-M-WX YKGW12CDE-M-RX / YKGW12CDE-M-WX YKGW15CDE-M-RX / YKGW15CDE-M-WX	300	190	145	195	

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

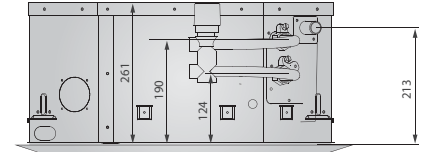
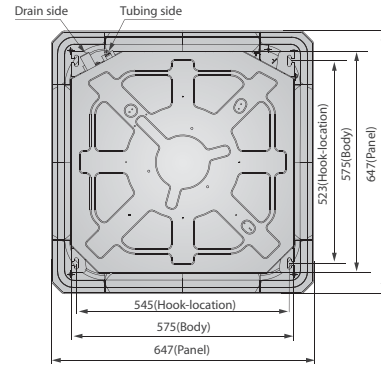


Service Spaces (unit:mm)

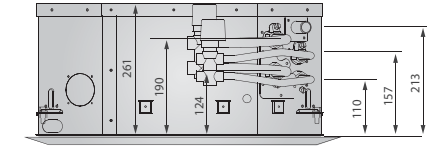
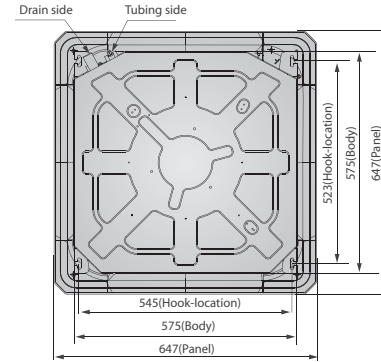


Compact 4-way cassette

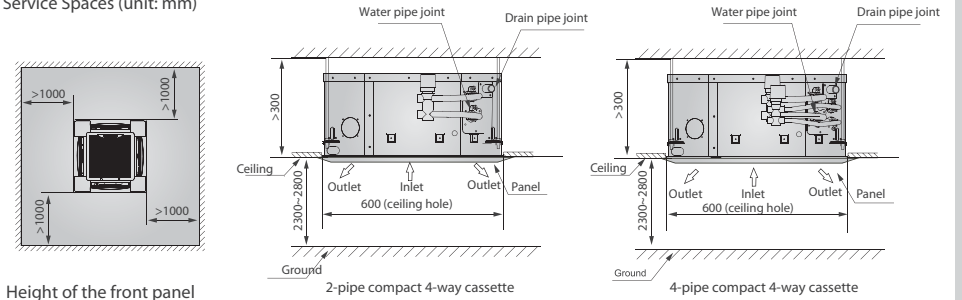
2-pipe compact 4-way cassette
Dimensions (unit: mm)



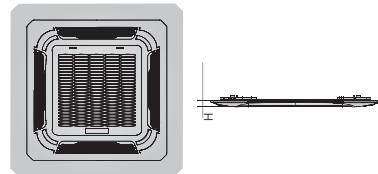
4-pipe compact 4-way cassette
Dimensions (unit: mm)



Service Spaces (unit: mm)



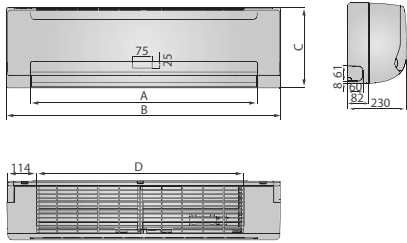
Height of the front panel



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

Wall mounted

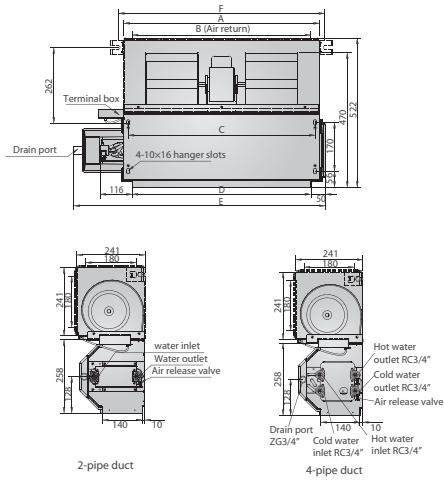
Dimensions (unit: mm)



Model	YHGW03CDE-M-RX / YHGW03CDE-M-WX YHGW03CDE-M-RX / YHGW03CDE-M-WX YHGW04CDE-M-RX / YHGW04CDE-M-WX	
	YHGW05CDE-M-RX / YHGW05CDE-M-WX YHGW06CDE-M-RX / YHGW06CDE-M-WX	
A	732	892
B	915	1072
C	290	315
D	663	813

Duct

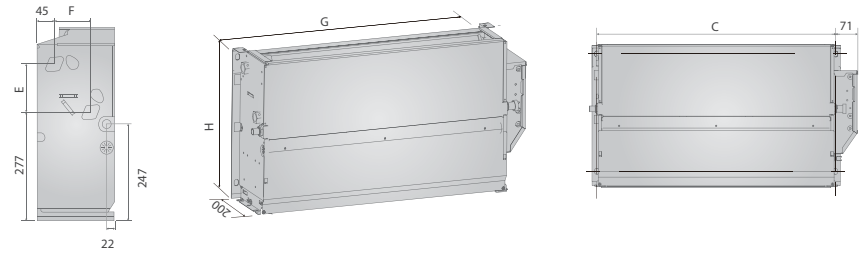
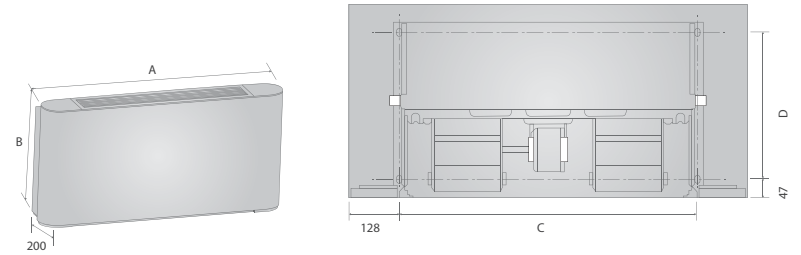
Dimensions (unit: mm)



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


Ceiling&Floor

Dimensions (unit: mm)




Model	150	250	300	500	700	800
A(mm)	790	1020	1240	1240	1360	1360
B(mm)	495	495	495	495	495	591
C(mm)	534	764	984	984	1104	1104
D(mm)	375	375	375	375	375	319
E(mm)	123	123	123	123	123	219
F(mm)	93	93	93	93	93	102
G(mm)	628	858	1078	1078	1198	1198
H(mm)	455	455	455	455	455	551



Wireless Remote Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
R91		<ul style="list-style-type: none"> ● Mode control ● Fan speeds control ● Time setting / Temp. setting / Swing setting 	All DC Fan Coil Units

Wired Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
AMR01Y		<ul style="list-style-type: none"> ● Swing function ● Mode control ● Fan speeds control ● Timer setting / Temp. setting 	All DC Fan Coil Units

Centralized Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
AMR09Y		<ul style="list-style-type: none"> ● Weekly schedule function ● Large LCD display screen ● Max. of 64 FCUs can be controlled by a CCM09 ● Mode control / fan speed control ● Time setting / temp. setting / swing setting 	All DC Fan Coil Units
AMR30Y		<ul style="list-style-type: none"> ● Touch-style keys ● Large LCD display screen ● Max. of 64 FCUs can be controlled by a CCM30 ● Mode control / fan speed control ● Time setting / temp. setting / swing setting 	

PC Board Control Kit for FCU



- Available for all non-PCB FCUs.
- Flexibility installation: can be attached to the unit, mounted on a wall or hung under a ceiling.
- External installation making maintenance more convenient.
- Functions: 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



Notes: Duct series need PCB kit to connect Centralized controller.

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
	Inlet water temp.	°C
Temp. controlling precision	°C	±1
Net dimension	W×H×D	mm
Packing size	W×H×D	mm
Net weight	kg	1.4
Gross weight	kg	2.5

Valve Kit

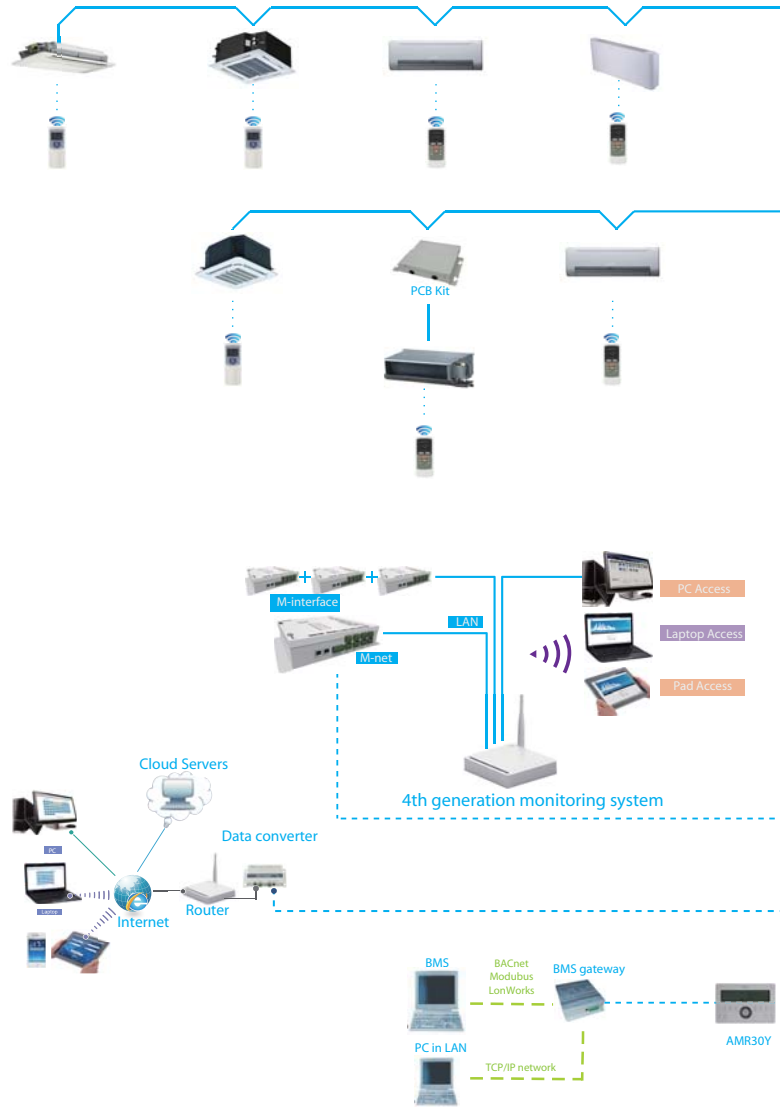
Valve Model	DN(mm)	Inner Screw Thread	Applicable Appliance
DDSTF-04	15	1/2"	4-pipe cassette (for hot water)
DDSTF-05	20	3/4"	2-pipe ceiling & floor, 4-pipe cassette (for cold water)



DDSTF-04/05

Notes:
DDSTF-** is the model of valve. The valve kit includes valve, actuator and connecting pipe. For different model of units, the models of valve kit are different.

Application of Central Control & BMS Control



Notes: When connecting to BMS through the BACnet protocol, a custom version of AMR30Y was required.