



YGFC FAN COIL UNITS

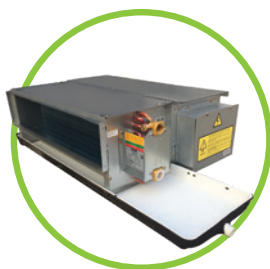
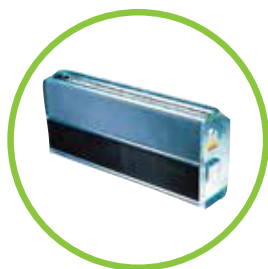


The power behind **your mission**

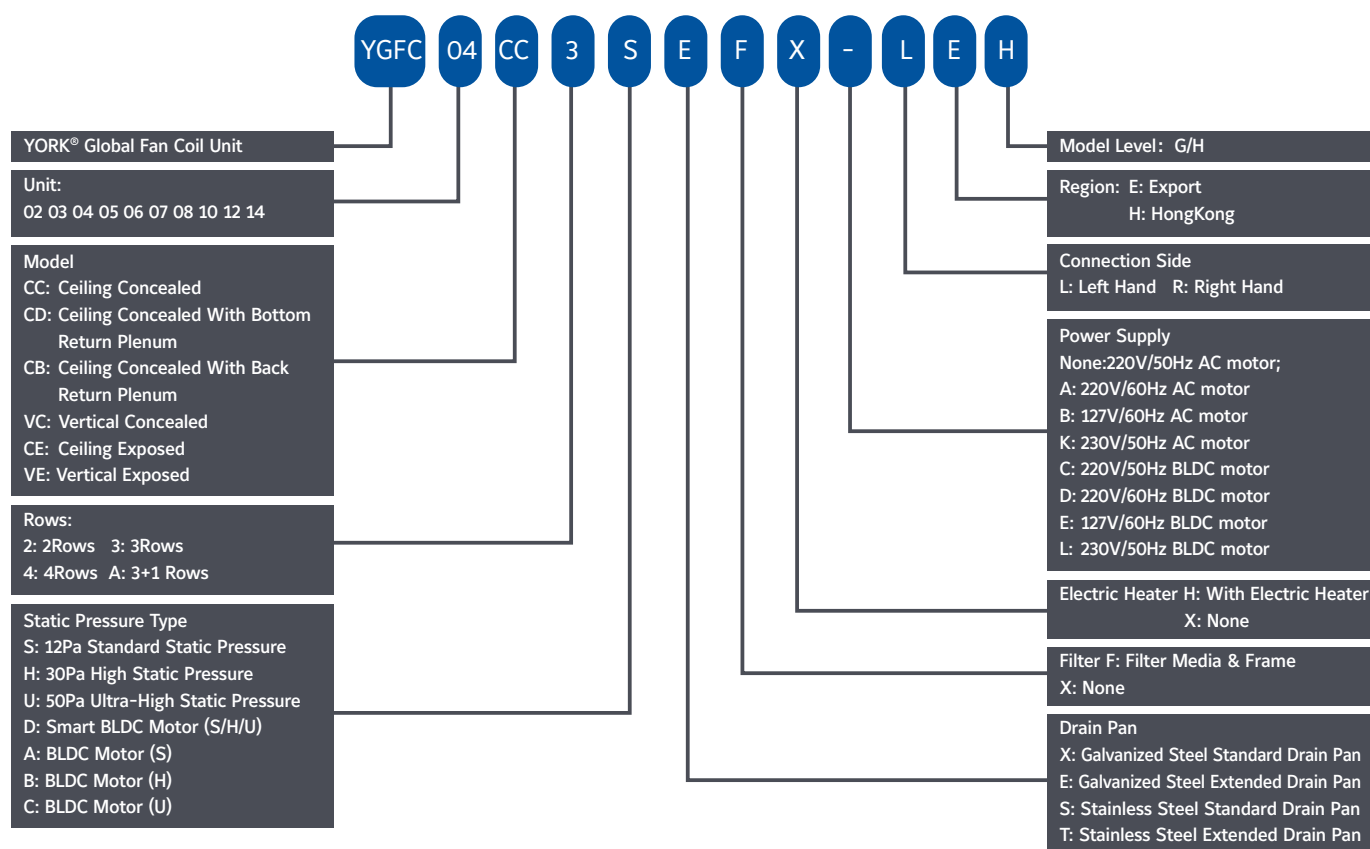


YGFC Fan Coil Units

YORK® YGFC fan coil units provide 800 models in four major series of ceiling concealed mounting, vertical concealed mounting, ceiling exposed mounting and vertical exposed mounting for customers to choose. The air flow is from 340m³/h to 2380m³/h (at high speed). The customer can select a unit of high static pressure model if necessary. The design and manufacture are flexible and it can be customized according to requirements. This product is designed strictly and manufactured finely, having an up-to-date style and advanced structure. It is high-efficient, low noise, energy, safe, reliable, and easy to maintain and install.



Nomenclatur



Design Features

High Efficiency

The high efficiency copper-tube and aluminum-fin heat exchanger is of the cross radiation variety, and is available in four different types:

2 rows, 3 rows, 4 rows and 4 pipes. The heat exchanger is equipped with large air flow and low noise fan to enhance the heat transfer,

and achieve high heat exchange efficiency. The maximum working pressure of the heat exchanger is 1.6MPa.

Quiet Operation and Energy Saving

All units are optimized for maximum performance. Each fan has been thoroughly checked to ensure high efficient and quiet operation. The fan uses galvanized steel centrifugal forward curve blades. Water knockout is made of brass for uniform water flow and less water pressure drop.

Low Maintenance Cost

Motor utilizes 3-speed permanent split capacitors and imported high precision and quality ball bearings. The self-lube ball bearings reduce noise and prolong lifespan. They are also surface-treated with anti-corrosive material to ensure that the motor shaft has longer lifespan.

Flexibility and Low Installation Cost

- Ceiling concealed (horizontal concealed) fan coil's mounting plate can be interchanged with flange of the opening. Customers can easily change the direction of duct connection for quick and easy installation.
- Vertical concealed fan coil unit can be elegantly mounted under the window, allowing customers to renovate their house freely and comfortably.
- CE, VE Type exposed unit can be ceiling mounted as well as floor mounted too.
- Vertical exposed fan coil unit can be placed at any location in a room and its beautiful decorative shape matches any furniture, it does not only save the decoration cost but also provide a comfortable and beautiful environment.
- Ceiling exposed fan coil unit can be mounted directly on the ceiling.

Agency Certification

YGFC series fan coil units are certified by AHRI440 (only for 50Hz units, and 4 rows cooling coil are not in certified scope).



YGFC Fan Coil Units

Model		ESP	Air Flow(m³/h)			Nominal Cooling Capacity (kW)		Nominal Heating Capacity (kW)	Water Flow (L/s)	
			High	Medium	Low	Total Heat	Sensible Heat		Cooling Condition	Heating Condition
2 Rows	02	S/H/U	360	270/270/270	190/180/190	2.18/2.25/2.05	1.42/1.47/1.35	3.16/3.26/3.06	0.104/0.108/0.098	0.104/0.108/0.098
	03	S/H/U	520	410/440/390	270/310/270	3.06/3.17/2.8	2.17/2.25/1.99	5.12/5.3/4.93	0.146/0.152/0.134	0.146/0.152/0.134
	04	S/H/U	690	520/535/530	350/370/360	3.89/3.93/3.85	2.74/2.77/2.71	6.16/6.22/6.09	0.186/0.188/0.184	0.186/0.188/0.184
	05	S/H/U	870	660/660/700	440/440/530	4.27/4.31/4.38	3.19/3.29/3.34	7.11/7.18/7.29	0.204/0.206/0.21	0.204/0.206/0.21
	06	S/H/U	1030	750/790/800	500/540/580	5.16/5.11/5.10	3.89/3.85/3.85	8.74/8.66/8.64	0.247/0.244/0.244	0.247/0.244/0.244
	07	S/H/U	1170	860/910/850	700/620/590	6.07/6.31/5.85	4.47/4.65/4.4	10.09/10.39/10.03	0.29/0.302/0.28	0.29/0.302/0.28
	08	S/H/U	1360	1030/1135/1200	640/810/860	7.41/7.42/7.56	5.27/5.27/5.38	12.24/12.24/12.49	0.355/0.355/0.362	0.355/0.355/0.362
	10	S/H/U	1740	1310/1310/1380	870/870/920	8.25/8.40/8.31	6.18/6.33/6.26	14.56/14.86/14.7	0.395/0.402/0.398	0.395/0.402/0.398
	12	S/H/U	2040	1560/1560/1700	1040/1040/1180	9.85/9.99/9.15	7.69/7.8/7.21	16.32/16.55/15.16	0.471/0.478/0.438	0.471/0.478/0.438
3 Rows	02	S/H/U	340	270/270/270	190/170/190	2.43/2.45/2.36	1.58/1.59/1.53	3.77/3.8/3.66	0.116/0.117/0.113	0.116/0.117/0.113
	03	S/H/U	520	390/430/380	260/300/270	3.49/3.58/3.58	2.32/2.38/2.38	5.52/5.67/5.67	0.167/0.171/0.171	0.167/0.171/0.171
	04	S/H/U	680	520/520/530	340/360/360	4.47/4.45/4.26	3.02/3.01/3.01	7.09/7.06/6.76	0.214/0.213/0.204	0.214/0.213/0.204
	05	S/H/U	850	640/640/680	430/430/500	5.29/5.18/5.29	3.64/3.57/3.64	8.31/8.14/8.31	0.253/0.248/0.253	0.253/0.248/0.253
	06	S/H/U	1020	730/770/780	485/530/540	6.22/6.13/6.23	4.38/4.32/4.38	9.84/9.7/9.86	0.298/0.293/0.298	0.298/0.293/0.298
	07	S/H/U	1170	850/910/840	590/600/580	6.90/7.05/6.28	4.87/5.14/4.77	11.07/11.2/10.61	0.33/0.337/0.3	0.33/0.337/0.3
	08	S/H/U	1360	1000/1120/1150	640/780/840	8.60/8.33/8.42	6.03/5.85/5.91	13.33/12.91/13.05	0.411/0.399/0.403	0.411/0.399/0.403
	10	S/H/U	1710	1290/1290/1320	860/860/900	9.18/9.27/9.23	7.13/7.13/7.13	15.91/16.07/16	0.439/0.444/0.442	0.439/0.444/0.442
	12	S/H/U	2040	1530/1530/1620	1020/1020/1130	11.48/11.69/11.80	8.23/8.38/8.46	18.41/18.74/18.92	0.549/0.559/0.565	0.549/0.559/0.565
3+1 Rows	02	S/H/U	340	270/270/270	170/170/180	2.40/2.32/2.13	1.53/1.48/1.45	1.81/1.75/1.71	0.115/0.111/0.102	0.043/0.042/0.041
	03	S/H/U	500	350/420/380	240/300/260	3.43/3.52/3.08	2.27/2.33/2.15	2.63/2.7/2.49	0.164/0.168/0.147	0.063/0.065/0.06
	04	S/H/U	670	480/520/520	310/352/350	3.98/4.35/4.21	2.9/2.95/2.9	3.04/3.32/3.22	0.19/0.208/0.201	0.073/0.079/0.077
	05	S/H/U	820	620/620/640	420/420/480	4.58/5.02/4.58	3.39/3.42/3.39	3.54/3.68/3.54	0.219/0.24/0.219	0.085/0.088/0.085
	06	S/H/U	1010	720/760/760	480/520/520	6.04/6.05/5.56	4.21/4.22/4.17	4.54/4.55/4.4	0.289/0.289/0.266	0.109/0.109/0.105
	07	S/H/U	1160	840/900/830	560/590/580	6.55/7.00/6.01	4.76/4.93/4.6	5.1/5.28/4.93	0.313/0.335/0.288	0.122/0.126/0.118
	08	S/H/U	1350	990/1080/1100	640/780/820	8.53/8.21/7.62	5.9/5.68/5.67	6.36/6.12/6.11	0.408/0.393/0.365	0.152/0.146/0.146
	10	S/H/U	1680	1270/1270/1300	850/850/880	9.00/9.11/9.00	6.85/6.94/6.85	6.97/7.05/6.97	0.431/0.436/0.431	0.167/0.169/0.167
	12	S/H/U	2000	1500/1500/1550	1000/1000/1100	10.56/11.15/10.56	7.86/8.05/7.86	8.06/8.26/8.06	0.505/0.533/0.505	0.193/0.198/0.193
4 Rows	02	S/H/U	340	270/270/270	170/170/180	2.67/2.7/2.6	1.61/1.63/1.57	4.33/4.36/4.2	0.128/0.129/0.124	0.128/0.129/0.124
	03	S/H/U	500	350/420/380	240/300/260	3.87/3.97/3.97	2.36/2.42/2.42	6/6.16/6.16	0.185/0.19/0.19	0.185/0.19/0.19
	04	S/H/U	670	480/520/520	310/352/350	4.75/4.73/4.52	2.89/2.87/2.81	7.26/7.23/6.92	0.227/0.226/0.216	0.227/0.226/0.216
	05	S/H/U	820	620/620/640	420/420/480	5.69/5.57/5.69	3.56/3.49/3.56	8.87/8.69/8.87	0.272/0.267/0.272	0.272/0.267/0.272
	06	S/H/U	1010	720/760/760	480/520/520	6.58/6.48/6.58	4.13/4.07/4.13	10.65/10.5/10.66	0.315/0.31/0.315	0.315/0.31/0.315
	07	S/H/U	1160	840/900/830	560/590/580	7.65/7.82/7.33	4.8/5.01/4.79	12.08/12.34/11.81	0.366/0.374/0.351	0.366/0.374/0.351
	08	S/H/U	1350	990/1080/1100	640/780/820	9.14/8.85/8.95	5.75/5.57/5.63	14.71/14.25/14.4	0.437/0.423/0.428	0.437/0.423/0.428
	10	S/H/U	1680	1270/1270/1300	850/850/880	10.11/10.21/10.17	6.72/6.78/6.75	17.16/17.33/17.25	0.484/0.489/0.487	0.484/0.489/0.487
	12	S/H/U	2000	1500/1500/1550	1000/1000/1100	12.49/12.72/12.84	8.01/8.16/8.23	21.23/21.62/21.82	0.598/0.609/0.614	0.598/0.609/0.614
Drain Pan	Type		Press, electrostatic spray coating							

Fan	Type	Centrifugal fan(Forward curved)
Motor	Type	Single phase permanent split-capacitor (PSC) motor Or Brushless DC(BLDC) motor
Coil	Water inlet/outlet connection	Rc 3/4
	Max working pressure	1.6MPa
	Fin type	Corrugated-louver aluminum fin with hydrophilic coating
Drain Pan	Drain connection	R2 3/4
	Type	Press, electrostatic spray coating

Water Pressure Drop (kPa)		Motor							Qty	Sound Level dB(A)		Weight (kg)			
		Power Input (W)													
Cooling Condition	Heating Condition	220V/50Hz		220V/60Hz		127V/60Hz		AC	Smart BLDC	CC	CB/CD	CE/VE	VC		
		AC	Smart BLDC	AC	Smart BLDC	AC	Smart BLDC								
30.0	30.0	34/40/45	21/28/32	32/42/60	21/28/32	35/39/66	21/28/32	1	34/34.5/38	34/34.5/37.5	11.1	14.2	25.4	21.7	
28.0	28.0	43/58/66	27/35/43	38/48/69	27/35/43	41/50/79	27/35/43	1	35.5/36.5/40.5	35.5/36.5/40	13.4	17.1	30.8	23.3	
30.0	30.0	58/71/77	47/56/62	58/65/105	47/56/62	54/67/106	47/56/62	1	38/39.5/43	38/39.5/42.5	15.4	19.4	33.6	26.6	
27.0	27.0	73/82/96	52/65/76	73/115/117	53/65/76	76/113/129	53/65/76	1	41.5/41/43	41.5/40.5/43	16.2	20.4	33.6	28.2	
30.0	30.0	91/102/109	62/84/99	92/133/147	62/84/99	101/143/160	62/84/99	1	44/42/44	43.5/42/43.5	18.1	22.6	36.2	30.8	
40.0	40.0	111/128/154	76/97/117	136/150/162	76/97/117	150/158/175	76/97/117	1	45.5/43.5/45.5	45.5/43.5/45.5	20.2	25.3	38.8	40.7	
40.0	40.0	140/144/168	101/118/138	136/175/197	105/118/138	123/188/216	105/118/138	2	45.5/44/47	45/44/45.5	25.4	31.3	46.8	42.8	
40.0	40.0	154/172/194	117/147/177	202/214/226	117/147/177	220/235/254	117/147/177	2	47.5/46/47.5	46.5/46/47	28.0	34.0	49.6	44.8	
40.0	40.0	194/215/250	158/182/224	227/267/283	158/182/224	264/280/307	158/182/224	2	49.5/46.5/48.5	49/46/47	32.2	39.2	54.8	50.5	
50.0	50.0	228/257/300	185/195/257	288/302/334	185/195/257	291/332/354	185/195/257	2	51/49.5/49	50/47.5/48	36.1	44.1	61.0	60.0	
25.0	25.0	35/39/43	20/27/31	30/40/53	20/27/31	33/37/59	20/27/31	1	34/34.5/39	33/34.5/37.5	11.8	14.9	26.2	22.7	
26.0	26.0	43/58/63	26/34/42	37/47/66	26/34/42	40/49/75	26/34/42	1	35/37.5/40.5	35/36/39.5	14.3	17.9	31.9	24.6	
30.0	30.0	60/70/74.8	45/55/61	57/62/94	46/55/61	53/64/95	46/55/61	1	39/40/42.5	38.5/39/42	16.0	19.9	34.8	27.6	
28.0	28.0	73/82/93	51/63/75	72/108/113	52/63/75	75/107/125	52/63/75	1	41/41/43	41/40/42.5	17.2	21.4	34.8	29.3	
30.0	30.0	94/105/118	61/83/97	89/129/142	61/83/97	98/139/155	61/83/97	1	44/41.5/44	43/41.5/43.5	18.5	22.9	37.6	32.0	
30.0	30.0	113/129/150	75/96/115	134/150/158	75/96/115	148/158/170	75/96/115	1	44.5/44/45.5	45/44/45	20.8	26.0	40.4	42.0	
38.0	38.0	134/148/170	99/116/136	130/170/195	102/116/136	118/183/213	102/116/136	2	45.5/43/46	44.5/43/45	26.2	32.1	48.9	44.2	
38.0	38.0	152/171/195	115/145/175	199/206/220	115/145/175	217/226/248	115/145/175	2	46.5/45.5/47	46.5/45/46.5	28.9	34.9	51.8	46.3	
40.0	40.0	189/210/245	155/180/221	221/261/277	155/180/221	257/273/301	155/180/221	2	47/46/49	47/46/48	33.3	40.3	57.4	52.5	
50.0	50.0	226/252/295	182/193/255	285/296/328	182/193/255	288/326/348	182/193/255	2	49.5/47.5/47	49.5/47/47	37.4	45.4	64.0	63.0	
24.0	24.0	34/40/40	20/27/31	30/40/53	20/27/31	33/37/59	20/27/31	1	34.5/36/39	33/35/37.5	12.5	15.6	28.0	24.2	
25.0	25.0	44/57/66	26/34/42	37/47/66	26/34/42	40/49/75	26/34/42	1	35.5/37.5/40	35.5/35.5/39.5	15.2	18.8	34.0	26.6	
30.0	30.0	61/69/74	45/55/61	57/62/94	45/55/61	53/64/95	45/55/61	1	39.5/40.5/42.5	39/39/42	16.9	20.9	37.0	29.1	
27.0	27.0	75/80/93	51/63/74	72/108/113	51/63/74	75/107/125	51/63/74	1	41/41/43	41/40/42.5	18.3	22.5	37.0	31.1	
30.0	30.0	91/102/108	61/83/97	89/129/142	61/83/97	98/139/155	61/83/97	1	44/42/44.5	43/41.5/43.5	19.9	24.4	40.0	34.5	
30.0	30.0	111/128/150	75/96/115	134/150/158	75/96/115	148/158/170	75/96/115	1	45.5/43.5/46.5	45/43.5/45	21.5	26.6	43.0	44.8	
37.0	37.0	134/142/167	99/116/136	130/170/195	99/116/136	118/183/213	99/116/136	2	45.5/45/47	44.5/43.5/45	27.0	32.9	52.0	47.2	
36.0	36.0	152/171/193	115/145/175	199/206/220	115/145/175	217/226/248	115/145/175	2	48/45.5/47.5	46.5/45/46.5	29.8	35.8	55.0	48.8	
38.0	38.0	189/210/245	155/180/221	221/261/277	155/180/221	257/273/301	155/180/221	2	50/46/48	48.5/46/48	34.4	41.4	61.0	55.5	
48.0	48.0	226/252/295	182/193/255	285/296/328	182/193/255	288/326/348	182/193/255	2	52/49.5/49	50/47/48	38.7	46.7	68.0	66.6	
40.0	40.0	34/39/40	20/27/31	37/47/66	20/27/31	40/49/75	20/27/31	1	34.5/36/39	33/35/37.5	12.5	15.6	28.0	24.0	
40.0	40.0	43/55/63	26/34/42	57/62/94	26/34/42	53/64/95	26/34/42	1	35.5/37.5/40	35.5/35.5/39.5	15.2	18.8	34.0	27.0	
60.0	60.0	57/69/74	45/55/61	72/108/113	45/55/61	75/107/125	45/55/61	1	39.5/40.5/42.5	39/39/42	16.9	20.9	37.0	29.0	
45.0	45.0	73/80/93	51/63/74	72/108/117	51/63/74	75/107/129	51/63/74	1	41/41/43	41/40/42.5	18.3	22.5	37.0	31.0	
45.0	45.0	89/100/108	61/83/97	89/129/142	61/83/97	98/139/155	61/83/97	1	44/42/44.5	43/41.5/43.5	19.9	24.4	40.0	35.0	
45.0	45.0	111/128/150	75/96/115	134/150/158	75/96/115	148/158/170	75/96/115	1	45.5/43.5/46.5	45/43.5/45	21.5	26.6	43.0	45.0	
45.0	45.0	134/138/167	102/116/136	130/170/195	102/116/136	118/183/213	102/116/136	2	45.5/45/47	44.5/43.5/45	27.0	32.9	52.0	47.0	
45.0	45.0	152/164/193	115/145/175	199/206/220	115/145/175	217/226/248	115/145/175	2	48/45.5/47.5	46.5/45/46.5	29.8	35.8	55.0	49.0	
55.0	55.0	189/210/245	155/180/221	221/261/277	155/180/221	257/273/301	155/180/221	2	50/46/48	48.5/46/48	34.4	41.4	61.0	56.0	
80.0	80.0	226/252/295	182/193/255	285/296/328	182/193/255	288/326/348	182/193/255	2	52/49.5/49	50/47/48	38.7	46.7	68.0	67.0	

- Notes:
- Rated cooling conditions: air inlet at 27°CDB/19.5°CWB, chilled water inlet/outlet at 7°C/12°C
 - Rated heating conditions: air inlet at 21°CDB, hot water inlet/outlet at 60°C/50°C
 - The power input of 230V/50Hz AC motors are the same with that of 220V/50Hz AC motors
 - The above air flow, total heat / sensible heat, heating capacity are based on the YGFC-H series CC model units. If FCU with accessories like return plenum etc., performance data will be reduced accordingly.
For the VC models, correction factor for air flow is 0.95, while total heat / sensible heat, heating capacity should be referred to selection software performance report
For the CE/VE models,air flow is the same as the CC model.
 - Left & Right unit can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9-0.95.
 - Inlet/outlet hot water pipe diameter for 4 pipes unit is Rc1/2.
 - External static pressure type
Concealed units: S for standard static pressure (12Pa), H for high static pressure (30Pa), U for ultra-high static pressure (50Pa).
Exposed units: S for standard static pressure (0Pa).
 - BLDC motor is only for ceiling concealed CC/CB/CD units, which can work at static pressure type S, H or U by switching static pressure setting in field (the default setting is type S). Please generate detail performance from selection software.
 - The above weight is based on AC motor unit. There is additional 3.5kg for BLDC motor unit
 - The above sound level is for units without accessories, which is tested in semi-anechoic room in accordance with GB/T19232-2019 standard.
For S(12Pa) units, with 1m air duct on the return side and test point is 1 meter below the units
For H (30Pa) and U (50Pa) units, with 2m air duct on both supply and return side and test point is 1m directly below the units
 - The performance data on above sheet was tested under 220V-50Hz only 50Hz units are AHRI certified

YGFC Fan Coil Units – A/B/C BLDC Motor

Model		ESP	Air Flow (m3/h)			Nominal Cooling Capacity (kW)		Nominal Heating Capacity (kW)
			High	Medium	Low	Total Heat	Sensible Heat	
2 Rows	02	A/B/C	360	270/270/270	190/180/190	2.03/2.05/1.97	1.32/1.34/1.3	2.94/2.97/2.94
	03	A/B/C	520	410/440/390	270/310/270	3.06/3.2/2.8	2.17/2.27/1.99	5.12/5.35/4.93
	04	A/B/C	690	520/535/530	350/370/360	3.6/3.6/3.84	2.54/2.54/2.7	5.7/5.7/6.07
	05	A/B/C	870	660/660/700	440/440/530	4.5/4.5/4.5	3.36/3.44/3.43	7.49/7.5/7.49
	06	A/B/C	1030	750/790/800	500/540/580	5.4/5.4/5.4	4.07/4.07/4.08	9.15/9.15/9.15
	07	A/B/C	1190	860/910/850	700/620/590	6.3/6.46/6.3	4.64/4.65/4.74	10.47/10.39/10.8
	08	A/B/C	1360	1030/1135/1200	640/810/860	7.2/7.2/7.2	5.12/5.11/5.12	11.89/11.88/11.9
3 Rows	02	A/B/C	340	270/270/270	190/170/190	2.43/2.45/2.36	1.58/1.59/1.53	3.77/3.8/3.66
	03	A/B/C	520	390/430/380	260/300/270	3.49/3.58/3.58	2.32/2.38/2.38	5.52/5.67/5.67
	04	A/B/C	680	520/520/530	340/360/360	4.12/4.24/4.12	2.71/2.79/2.71	6.53/6.54/6.53
	05	A/B/C	850	640/640/680	430/430/500	5.25/5.18/5.29	3.61/3.57/3.64	8.31/8.14/8.31
	06	A/B/C	1020	730/770/780	485/530/540	6.22/6.13/6.23	4.38/4.32/4.38	9.84/9.7/9.86
	07	A/B/C	1190	850/910/840	590/600/580	6.9/7.05/6.64	4.87/5.14/5.04	11.07/11.2/10.61
	08	A/B/C	1360	1000/1120/1150	640/780/840	8.6/8.33/8.34	6.03/5.85/5.85	13.33/12.91/13.05
	10	A/B/C	1710	1290/1290/1320	860/860/900	9/9.27/9.23	6.99/7.13/7.13	15.91/16.07/16
	12	A/B/C	2040	1530/1530/1620	1020/1020/1130	11.42/11.48/11.8	8.19/8.23/8.46	18.41/18.74/18.92
	14	A/B/C	2380	1790/1790/1800	1190/1190/1320	13.2/13.6/12.94	10.06/9.95/9.86	21.74/22.16/21.74
3+1 Rows	02	A/B/C	340	270/270/270	170/170/180	2.4/2.32/2.13	1.53/1.48/1.45	1.81/1.75/1.71
	03	A/B/C	510	350/420/380	240/300/260	3.43/3.52/3.08	2.27/2.33/2.15	2.63/2.7/2.49
	04	A/B/C	680	480/520/520	310/352/350	3.98/4.35/4.21	2.9/2.95/2.9	3.04/3.32/3.22
	05	A/B/C	850	620/620/640	420/420/480	4.85/5.02/4.58	3.59/3.42/3.39	3.54/3.68/3.54
	06	A/B/C	1020	720/760/760	480/520/520	6.04/6.05/5.56	4.21/4.22/4.17	4.54/4.55/4.4
	07	A/B/C	1190	840/900/830	560/590/580	6.55/7/6.45	4.76/4.93/4.94	5.1/5.28/5.29
	08	A/B/C	1360	990/1080/1100	640/780/820	8.53/8.21/7.62	5.9/5.68/5.67	6.36/6.12/6.11
	10	A/B/C	1700	1270/1270/1300	850/850/880	9/9.11/9	6.85/6.94/6.85	6.97/7.05/6.97
	12	A/B/C	2040	1500/1500/1550	1000/1000/1100	10.8/10.8/10.8	8.04/7.8/8.04	8.06/8.26/8.06
	14	A/B/C	2380	1750/1750/1750	1160/1160/1280	12.6/12.6/12.6	9.64/9.64/9.64	9.66/9.66/9.66

Fan	Type	Centrifugal fan(Forward curved)
Motor	Type	Brushless DC(BLDC) motor
Coil	Water inlet/outlet connection	Rc 3/4"
	Max working pressure	1.6MPa
	Fin type	Corrugated-louver aluminum fin with hydrophilic coating
Drain pan	Drain connection	R2 3/4"
	Type	Press, electrostatic spray coating

Water Flow (L/s)		Water Pressure Drop (kPa)		Motor Input Power (W)	Motor QTY	Sound Level dB(A)	Weight (kg)	
Cooling Condition	Heating Condition	Cooling Condition	Heating Condition				CC	CB/CD
0.097/0.098/0.094	0.097/0.098/0.094	15.0	15.0	17/21/29	1	35/37.5/41	11.1	14.2
0.146/0.153/0.134	0.146/0.153/0.134	28.0	28.0	24/31/40	1	36/39.5/43.5	13.4	17.1
0.172/0.172/0.184	0.172/0.172/0.184	20.0	20.0	30/40/49	1	38.5/42/45.5	15.4	19.4
0.215/0.215/0.215	0.215/0.215/0.215	30.0	30.0	40/51/61	1	42/44.5/47	16.2	20.4
0.258/0.258/0.258	0.258/0.258/0.258	40.0	40.0	54/63/80	1	45/45.9/48	18.1	22.6
0.301/0.309/0.301	0.301/0.309/0.301	39.0	39.0	64/73/90	1	46/47/49	20.2	25.3
0.344/0.344/0.344	0.344/0.344/0.344	33.0	33.0	66/83/101	2	46/47/50	25.4	31.3
0.116/0.117/0.113	0.116/0.117/0.113	22.0	22.0	16/20/27	1	35/37.5/42	11.8	14.9
0.167/0.171/0.171	0.167/0.171/0.171	23.0	23.0	22/29/40	1	35.5/40.5/43.5	14.3	17.9
0.197/0.203/0.197	0.197/0.203/0.197	21.0	21.0	29/38/49	1	39.5/42.5/45	16.0	19.9
0.251/0.248/0.253	0.251/0.248/0.253	30.0	30.0	38/48/61	1	41.5/44.5/47	17.2	21.4
0.298/0.293/0.298	0.298/0.293/0.298	40.0	40.0	52/61/76	1	45/45.5/48	18.5	22.9
0.330/0.337/0.318	0.330/0.337/0.318	30.0	30.0	62/73/90	1	45/47.5/49	20.8	26.0
0.411/0.399/0.399	0.411/0.399/0.399	40.0	40.0	64/80/101	2	46/46/49	26.2	32.1
0.431/0.444/0.442	0.431/0.444/0.442	38.0	38.0	88/101/125	2	46.5/49/50.5	28.9	34.9
0.546/0.549/0.565	0.546/0.549/0.565	40.0	40.0	110/135/168	2	47/50/53	33.3	40.3
0.619/0.651/0.619	0.619/0.651/0.619	50.0	50.0	139/157/203	2	49.5/51.5/52	37.4	45.4
0.115/0.111/0.102	0.043/0.042/0.041	22.0	22.0	16/20/27	1	35.5/39/42	12.5	15.6
0.164/0.168/0.147	0.063/0.065/0.060	25.0	25.0	22/29/40	1	36/40.5/43	15.2	18.8
0.190/0.208/0.201	0.073/0.079/0.077	30.0	30.0	29/38/49	1	40/43/45	16.9	20.9
0.232/0.240/0.219	0.085/0.088/0.085	28.0	28.0	38/48/61	1	41.5/44.5/47	18.3	22.5
0.289/0.289/0.266	0.109/0.109/0.105	40.0	40.0	52/61/76	1	45/46/48.5	19.9	24.4
0.313/0.335/0.309	0.122/0.126/0.118	30.0	30.0	62/73/90	1	46/47/50	21.5	26.6
0.408/0.393/0.365	0.152/0.146/0.146	40.0	40.0	64/80/101	2	46/48/50	27.0	32.9
0.431/0.436/0.431	0.167/0.169/0.167	36.0	36.0	88/101/125	2	48/49/51	29.8	35.8
0.517/0.517/0.517	0.193/0.198/0.193	40.0	40.0	110/135/168	2	50/50/52	34.4	41.4
0.603/0.603/0.603	0.231/0.231/0.231	48.0	48.0	139/166/203	2	52/53.5/54	38.7	46.7

- Notes:
1. Rated cooling conditions: air inlet at 27°CDB/19.5°CWB, chilled water inlet/outlet at 7°C/12°C.
 2. Rated heating conditions: air inlet at 21°CDB, hot water inlet/outlet at 60°C/50°C.
 3. The above air flow, total heat / sensible heat, heating capacity are based on the YGFC-H series CC model units. If FCU with accessories like return plenum etc., performance data will be reduced accordingly.
 4. Left & Right unit can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9-0.95.
 5. Inlet/outlet hot water pipe diameter for 4 pipes unit is Rc1/2.
 6. External static pressure type: Concealed units: A for standard static pressure (12Pa), B for high static pressure (30Pa), C for ultra-high static pressure (50Pa).
 7. The above weight is based on AC motor unit. There is additional 3.5kg for BLDC motor unit.
 8. The performance data on above sheet was tested under 220V~50Hz only 50Hz units are AHRI certified.

Optional Accessories – Brushless DC (B



High efficiency & Energy saving

- Double the efficiency of AC motor – average power consumption is only 50-70% of AC motor unit.

Smart BLDC

- In automatic mode, the unit automatically performs stepless adjustment of fan speed, optimizing energy consumption. In manual mode, the user can set fan speed as high, medium, or low.



Low Noise

Smart BLDC

- Using sine wave PWM control, the motor operates smoothly, reducing vibration and noise. Noise is lower than an AC motor by 1 ~ 2 dB (A).
- Can operate at lower speed at a part load, resulting in lower noise.



Intelligent Control

Smart BLDC

- Can be individually or centrally controlled. A single wired controller can control up to 8 same type units.
- RS485 communication with Modbus protocol allows connection to central BAS.
- Elegant design standard LCD thermostat or LCD touchscreen thermostat, available in a variety of colors.
- Easy operation, with automatic and manual modes. Includes timer, fault alarm, parameter setting, and other functions.

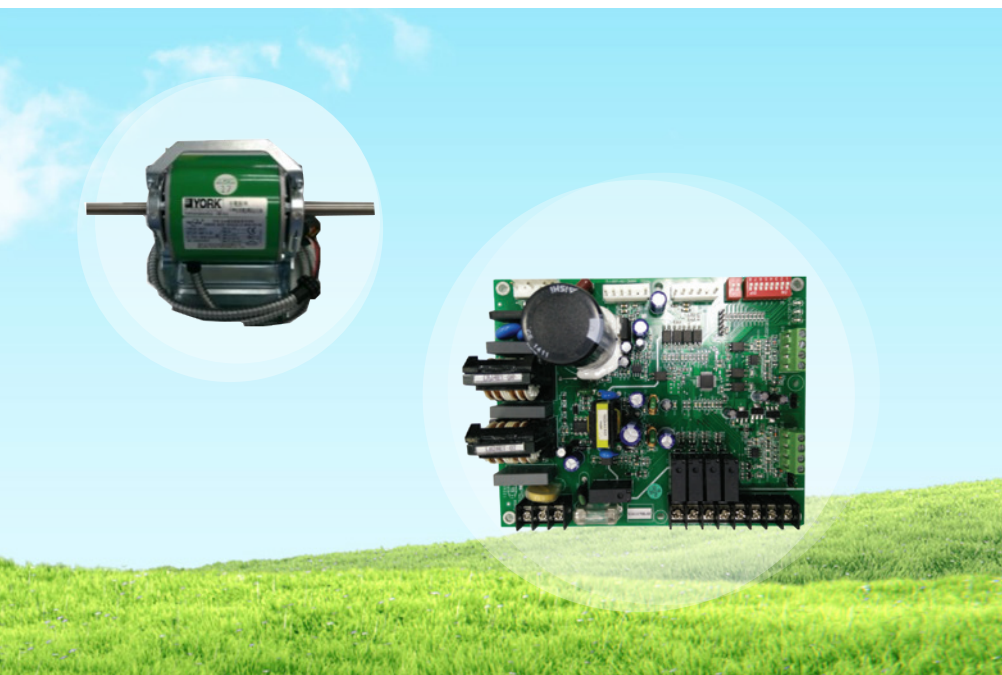
BLDC

- Compliant with normal AC controller and best choice for retrofit.



WF-21-00 Standard LCD Thermostat for BLDC

BLDC) Motor



Comfort & Safety

Smart BLDC

- Indoor temperature PID calculation and stepless airflow adjustment allow for precise room temperature control, improving occupant comfort.
- Power factor correction module improves efficiency.
- Step-up module ensure safety and stability of units, allowing a wider range of input voltages to avoid performance degradation or unit damage from external voltage fluctuations.
- Overcurrent and overheat protection prevent motor burnout.

BLDC

- Advanced sine-wave drive method, more reliable, less vibration noise.
- Overcurrent, overload and overheat protection prevent motor burnout.



Flexible Design

Smart BLDC

- Ability to set fan maximum and minimum speeds, to maintain indoor airflow requirements.
- Users can adjust dipswitch to choose among 12Pa/30Pa/50Pa static pressure, depending on the required application.
- Optional TiO₂ and valve package (on/off type).

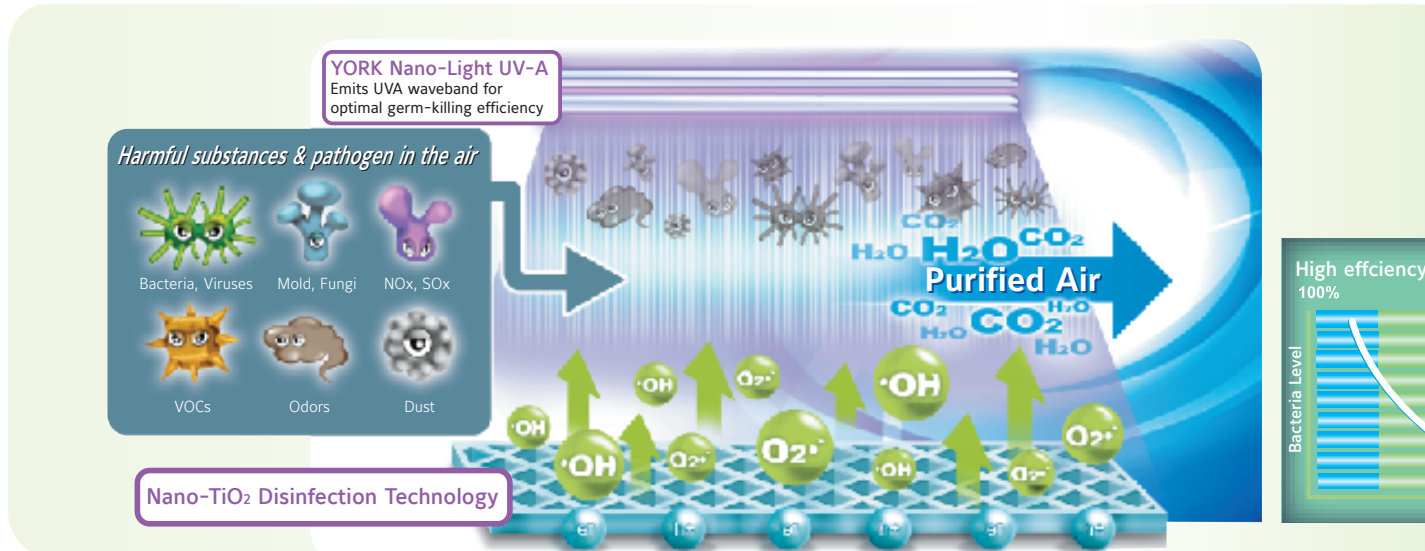
BLDC

- Optional TiO₂ and valve package (on/off type).



Optional Accessories – TiO₂ Healthy Air

Nano-TiO₂ Disinfection Technology

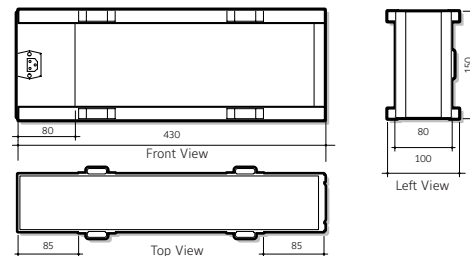


Industrial Leading Technology – Nano-TiO₂ Healthy Air Sterilizer (optional)

By oxidizing and decomposing the harmful substances in the air, YORK Nano-TiO₂ healthy sterilization technology kills airborne germs, eliminates bad odors, and other harmful particlessafely and efficiently.

- Biological pollutant – e.g. bacteria and germs
- Organic pollutant – volatile organic compounds (VOCs) e.g. formaldehyde, benzene
- Molds, fungi
- Inorganic gaseous pollutant – e.g. NO_x, SO_x
- Smoke and offensive odours

Duct Type TiO₂ Healthy Air Sterilizer

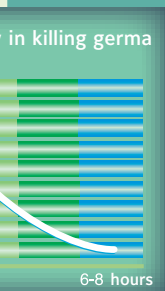


Model	Quantity of Sterilizer	Power Input(W)	Weight(kg)
YGFC02-06	1	22	2.59
YGFC03-14	2	22*2	2.59*2

Sterilizer

An environmentally safe and effective air purification solution

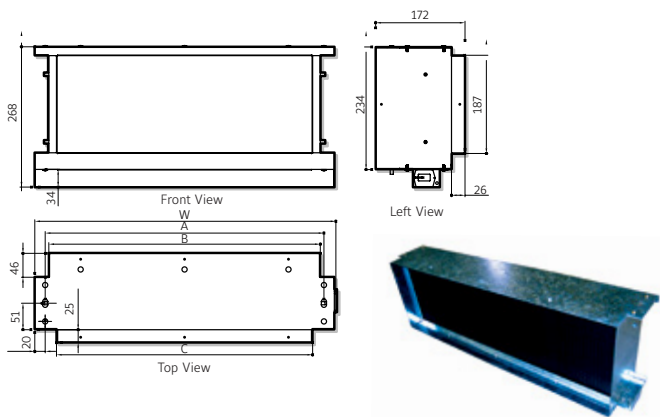
When TiO_2 is exposed to low-intensity ultraviolet rays (UV-A), a reaction occurs which generates hydroxyl radicals ($\cdot\text{OH}$) and super-oxide ions ($\text{O}_2\cdot^-$). Hydroxyl radicals ($\cdot\text{OH}$) are very powerful oxidizing agents which quickly react to the carbon and hydrogen components of pollutants and decompose them into harmless carbon dioxide (CO_2) and water (H_2O). The YORK Nano- TiO_2 photocatalytic process is highly efficient at generating free hydroxyl radicals ($\cdot\text{OH}$), which makes it highly effective in eliminating airborne pollutants such as microorganisms and volatile organic compounds (VOCs).



Nano- TiO_2 Healthy Air Sterilization Technology Contains the Following Features:

- YORK is the first brand in the industry to apply Nano-grade TiO_2 technology to fan coils, residential and commercial central air conditioners, and residential split units.
- TiO_2 photo-catalysis not only filters bacteria but also kills them
- The ultraviolet light (UVA) in Nano- TiO_2 Healthy Air Sterilizer is designed to be durable.

Package TiO_2 Healthy Air Sterilizer



Model	Power Input (W)	Weight(kg)	W	A	B	C
YGFC-02	36	4.5	514	474	460	428
YGFC-03	54	5.6	664	624	610	578
YGFC-04	54	6.1	744	704	690	658
YGFC-05	54	6.6	804	764	750	718
YGFC-06	72	7.3	904	864	850	818
YGFC-07	90	8.6	1084	1044	1030	998
YGFC-08	108	10.0	1284	1244	1230	1198
YGFC-10	126	10.4	1334	1294	1280	1248
YGFC-12	144	12.2	1584	1544	1530	1498
YGFC-14	162	14.0	1834	1794	1780	1748

Notes: Power supply for TiO_2 healthy air sterilizer option is 220V-1Ph-50Hz or 220V-1Ph-60Hz

Optional Accessories – Valve Package

Valve Package

Optional offer to factory assembled valve packaged consists of 2- or 3-way ON/OFF valve complete with electric actuator motor and mounting kit.

Easy Installation

- Industrial standard thread joint for pipe connection.
- Terminal box for electrical wiring connection.

Low Installation Cost

- Eliminate field installed for controls valve packaged and its accessories.
- Quick installation time and save field workmanship cost.

Compact Design

- Extended drain pan up to substantial length for piping connection.



Specifications

Valve Package Type	Valve							Actuator						
	Type	Body Size	Pipe connection	Pipe Center to Center (mm)	Kvs	Close-Off Pressure (kPa)	Operating Pressure	Type	Power Supply	Action				
2-Way Valve Package – 2 Pipe	VG4420 (2-Way Valve)	DN20	3/4"	-	2.5	340	1.6MPa	VA7010-8503	230VAC	ON/OFF				
			Female Thread											
2-Way Valve Package – 4 Pipe		DN20 (Cooling)	3/4" (Cooling)	-	2.5									
		DN15 (Heating)	1/2" (Heating)		2.1									
			Female Thread											
3-Way Valve Package – 2 Pipe	VG4520 (3-Way Valve with Bypass)	DN20	3/4"	50	2.5	340 (Control Port)					1.6MPa	VA7010-8503	230VAC	ON/OFF
					Male Thread									
3-Way Valve Package – 4 Pipe		DN20 (Cooling)	3/4" (Cooling)	50	2.5	170 (Bypass port)								
		DN15 (Heating)	1/2" (Heating)	40	2.1									
			Male Thread											

Note:

1. Valve connection type: Male or female thread joint conform to BS standard (BSP Taper, ISO R7/1, BS 21, DIN 2999, GB/T 7306.2); Valve body material: Brass CW617N.
2. Please refer to the component literature for detailed information.

Other Optional Accessories



TC series
thermostat

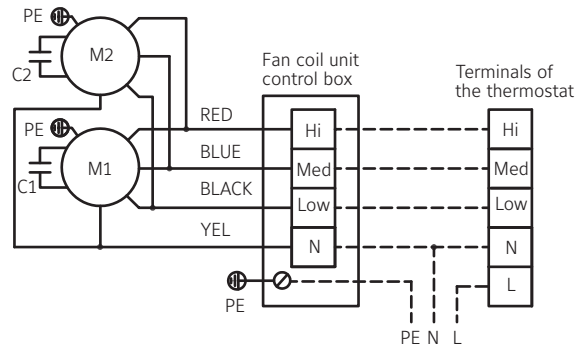


2- or 3-way valve

Notes: Power supply please refer to the describe of corresponding accessory.

Wiring Diagram

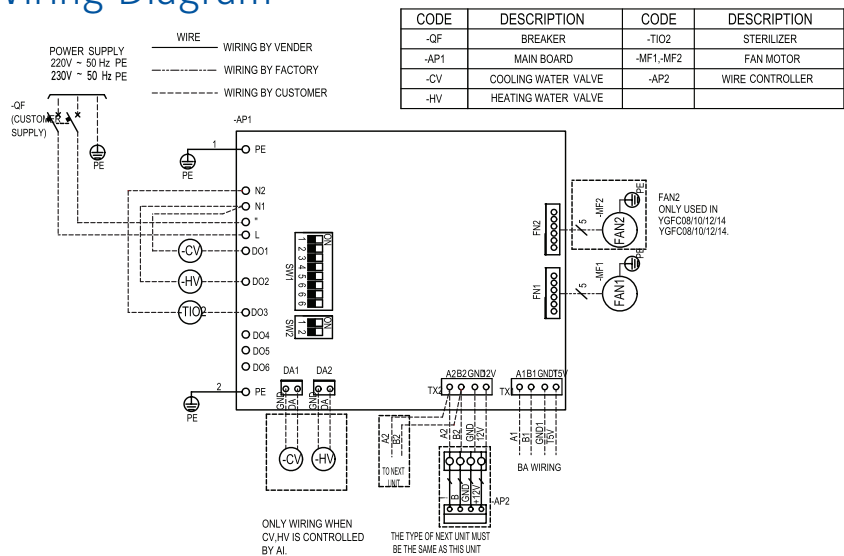
AC Motor Unit Wiring Diagram



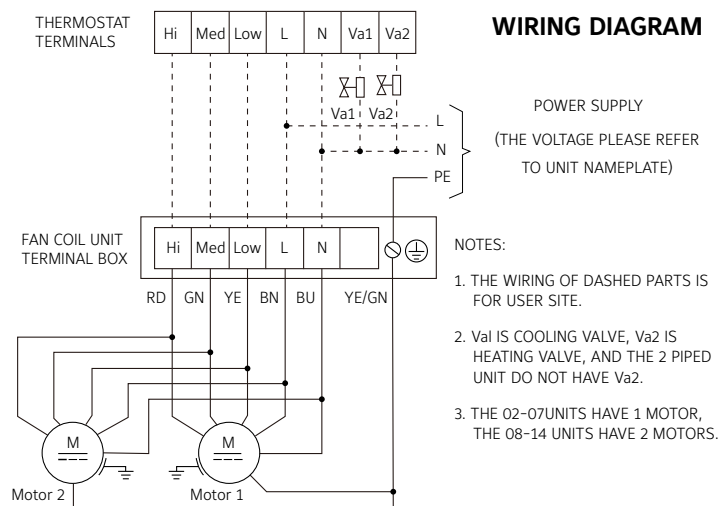
- Notes:
1. The dashed lines is wired by user on spot.
 2. One motor for YGFC02-07. Two motors for YGFC08-14.
 3. The voltage please refer to the unit nameplate.

The voltage refer to Note 3.

Smart BLDC Motor Unit Wiring Diagram



Standard BLDC Motor Unit Wiring Diagram



Air Flow & Cooling Capacity Correction Factor (Cont.)

Cooling capacity correction factor at different air flow (2 rows)

Correction factor			02-2S(H/U)	03-2S(H/U)	04-2S(H/U)	05-2S(H/U)	06-2S(H/U)	07-2S(H/U)	08-2S(H/U)	10-2S(H/U)	12-2S(H/U)	14-2S(H/U)
Air flow ratio												
Actual air flow/Air flow at high speed	0.9	Total Heat	0.94	0.94	0.94	0.93	0.92	0.91	0.92	0.91	0.91	0.91
		Sensible Heat	0.92	0.92	0.92	0.90	0.90	0.87	0.89	0.89	0.87	0.87
	0.8	Total Heat	0.87	0.87	0.88	0.86	0.86	0.85	0.85	0.84	0.85	0.85
		Sensible Heat	0.84	0.84	0.82	0.81	0.82	0.80	0.80	0.81	0.79	0.79
	0.7	Total Heat	0.79	0.79	0.80	0.79	0.79	0.78	0.78	0.78	0.79	0.79
		Sensible Heat	0.75	0.76	0.74	0.73	0.74	0.72	0.72	0.73	0.72	0.72
	0.6	Total Heat	0.71	0.71	0.72	0.71	0.72	0.70	0.70	0.71	0.72	0.72
		Sensible Heat	0.66	0.66	0.66	0.65	0.66	0.64	0.64	0.65	0.64	0.64
	0.5	Total Heat	0.62	0.62	0.64	0.63	0.63	0.62	0.61	0.62	0.63	0.65
		Sensible Heat	0.57	0.57	0.56	0.56	0.57	0.55	0.55	0.56	0.55	0.56

Cooling capacity correction factor at different air flow (3 rows)

Correction factor			02-3S(H/U)	03-3S(H/U)	04-3S(H/U)	05-3S(H/U)	06-3S(H/U)	07-3S(H/U)	08-3S(H/U)	10-3S(H/U)	12-3S(H/U)	14-3S(H/U)
Air flow ratio												
Actual air flow/Air flow at high speed	0.9	Total Heat	0.93	0.93	0.89	0.94	0.92	0.87	0.89	0.92	0.91	0.91
		Sensible Heat	0.91	0.92	0.88	0.92	0.87	0.86	0.88	0.88	0.89	0.89
	0.8	Total Heat	0.85	0.85	0.80	0.87	0.85	0.81	0.81	0.85	0.84	0.85
		Sensible Heat	0.83	0.83	0.77	0.84	0.78	0.79	0.79	0.79	0.81	0.81
	0.7	Total Heat	0.77	0.77	0.73	0.80	0.79	0.74	0.74	0.78	0.77	0.78
		Sensible Heat	0.73	0.74	0.69	0.76	0.70	0.71	0.71	0.71	0.73	0.74
	0.6	Total Heat	0.68	0.69	0.65	0.72	0.71	0.66	0.66	0.70	0.69	0.70
		Sensible Heat	0.64	0.64	0.61	0.67	0.62	0.62	0.62	0.63	0.65	0.65
	0.5	Total Heat	0.58	0.59	0.57	0.63	0.62	0.58	0.58	0.61	0.61	0.62
		Sensible Heat	0.54	0.55	0.52	0.57	0.54	0.53	0.53	0.54	0.56	0.56

Cooling capacity correction factor at different air flow (4 rows)

Correction factor			02-4S(H/U)	03-4S(H/U)	04-4S(H/U)	05-4S(H/U)	06-4S(H/U)	07-4S(H/U)	08-4S(H/U)	10-4S(H/U)	12-4S(H/U)	14-4S(H/U)
Air flow ratio												
Actual air flow/Air flow at high speed	0.9	Total Heat	0.92	0.92	0.93	0.91	0.92	0.93	0.93	0.90	0.93	0.93
		Sensible Heat	0.91	0.91	0.92	0.90	0.90	0.91	0.92	0.89	0.91	0.91
	0.8	Total Heat	0.84	0.84	0.85	0.84	0.84	0.85	0.85	0.84	0.85	0.86
		Sensible Heat	0.82	0.82	0.83	0.81	0.82	0.83	0.83	0.82	0.83	0.83
	0.7	Total Heat	0.75	0.76	0.77	0.76	0.77	0.78	0.77	0.76	0.78	0.78
		Sensible Heat	0.73	0.73	0.74	0.73	0.73	0.74	0.74	0.73	0.74	0.74
	0.6	Total Heat	0.66	0.67	0.68	0.68	0.69	0.69	0.69	0.68	0.69	0.70
		Sensible Heat	0.63	0.64	0.65	0.64	0.64	0.65	0.65	0.65	0.65	0.66
	0.5	Total Heat	0.56	0.57	0.59	0.59	0.60	0.60	0.59	0.60	0.60	0.60
		Sensible Heat	0.53	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.56	0.56

Cooling capacity correction factor at different air flow (3+1 rows)

Correction factor			02-AS(H/U)	03-AS(H/U)	04-AS(H/U)	05-AS(H/U)	06-AS(H/U)	07-AS(H/U)	08-AS(H/U)	10-AS(H/U)	12-AS(H/U)	14-AS(H/U)
Air flow ratio												
Actual air flow/Air flow at high speed	0.9	Total Heat	0.93	0.93	0.89	0.94	0.92	0.90	0.91	0.89	0.91	0.91
		Sensible Heat	0.91	0.91	0.87	0.92	0.86	0.89	0.90	0.85	0.89	0.90
	0.8	Total Heat	0.85	0.85	0.80	0.87	0.85	0.83	0.83	0.83	0.84	0.85
		Sensible Heat	0.82	0.83	0.77	0.84	0.78	0.81	0.81	0.78	0.81	0.82
	0.7	Total Heat	0.76	0.77	0.73	0.80	0.78	0.75	0.76	0.76	0.77	0.78
		Sensible Heat	0.73	0.74	0.69	0.74	0.70	0.72	0.72	0.70	0.73	0.74
	0.6	Total Heat	0.68	0.68	0.65	0.72	0.71	0.68	0.68	0.68	0.69	0.70
		Sensible Heat	0.64	0.64	0.61	0.65	0.62	0.64	0.64	0.62	0.65	0.65
	0.5	Total Heat	0.58	0.59	0.57	0.63	0.62	0.59	0.59	0.60	0.61	0.61
		Sensible Heat	0.54	0.55	0.52	0.58	0.53	0.54	0.54	0.53	0.56	0.56

Note: Above correction factors are just for reference. Please contact our local office for actual cooling capacity.

Air Flow & Cooling Capacity Correction Factor (Cont.)

Heating capacity correction factor at different air flow (2 rows)

Correction factor Air flow ratio		02-2S(H/U)	03-2S(H/U)	04-2S(H/U)	05-2S(H/U)	06-2S(H/U)	07-2S(H/U)	08-2S(H/U)	10-2S(H/U)	12-2S(H/U)	14-2S(H/U)
Actual air flow/Air flow at high speed	0.9	0.94	0.93	0.94	0.94	0.94	0.91	0.91	0.90	0.93	0.93
	0.8	0.87	0.86	0.86	0.87	0.87	0.84	0.84	0.83	0.86	0.86
	0.7	0.78	0.78	0.78	0.80	0.80	0.76	0.77	0.76	0.79	0.79
	0.6	0.70	0.69	0.70	0.72	0.72	0.69	0.68	0.69	0.71	0.71
	0.5	0.60	0.60	0.61	0.62	0.63	0.60	0.60	0.60	0.63	0.63

Heating capacity correction factor at different air flow (3 rows)

Correction factor Air flow ratio		02-3S(H/U)	03-3S(H/U)	04-3S(H/U)	05-3S(H/U)	06-3S(H/U)	07-3S(H/U)	08-3S(H/U)	10-3S(H/U)	12-3S(H/U)	14-3S(H/U)
Actual air flow/Air flow at high speed	0.9	0.92	0.92	0.93	0.93	0.93	0.90	0.90	0.90	0.92	0.92
	0.8	0.83	0.84	0.85	0.86	0.85	0.82	0.82	0.82	0.85	0.85
	0.7	0.75	0.76	0.77	0.77	0.77	0.74	0.74	0.74	0.77	0.77
	0.6	0.66	0.66	0.68	0.69	0.69	0.66	0.66	0.66	0.69	0.69
	0.5	0.56	0.56	0.58	0.59	0.59	0.57	0.57	0.58	0.60	0.60

Heating capacity correction factor at different air flow (4 rows)

Correction factor Air flow ratio		02-4S(H/U)	03-4S(H/U)	04-4S(H/U)	05-4S(H/U)	06-4S(H/U)	07-4S(H/U)	08-4S(H/U)	10-4S(H/U)	12-4S(H/U)	14-4S(H/U)
Actual air flow/Air flow at high speed	0.9	0.91	0.92	0.92	0.92	0.92	0.90	0.90	0.88	0.92	0.92
	0.8	0.82	0.83	0.83	0.84	0.84	0.81	0.82	0.81	0.84	0.84
	0.7	0.73	0.74	0.74	0.75	0.76	0.73	0.73	0.73	0.76	0.76
	0.6	0.64	0.64	0.65	0.66	0.67	0.64	0.64	0.64	0.67	0.67
	0.5	0.54	0.54	0.55	0.57	0.57	0.55	0.55	0.55	0.57	0.57

Heating capacity correction factor at different air flow (3+1 rows)

Correction factor Air flow ratio		02-AS(H/U)	03-AS(H/U)	04-AS(H/U)	05-AS(H/U)	06-AS(H/U)	07-AS(H/U)	08-AS(H/U)	10-AS(H/U)	12-AS(H/U)	14-AS(H/U)
Actual air flow/Air flow at high speed	0.9	0.94	0.95	0.92	0.93	0.92	0.93	0.94	0.92	0.93	0.93
	0.8	0.88	0.89	0.85	0.87	0.86	0.87	0.88	0.87	0.87	0.87
	0.7	0.82	0.82	0.79	0.82	0.81	0.81	0.81	0.81	0.81	0.82
	0.6	0.73	0.74	0.72	0.75	0.74	0.75	0.74	0.75	0.75	0.75
	0.5	0.65	0.66	0.65	0.67	0.67	0.67	0.67	0.67	0.68	0.68

Note: Above correction factors are just for reference. Please contact our local office for actual heating capacity.

Air Flow & ESP Performance

2-Rows standard type unit

Air flow ESP	02-2S	03-2S	04-2S	05-2S	06-2S	07-2S	08-2S	10-2S	12-2S	14-2S
0Pa	413	611	752	923	1099	1206	1432	1807	2133	2496
12Pa	360	520	690	870	1030	1170	1360	1740	2040	2400
20Pa	319	456	652	828	993	1131	1303	1669	1945	2316
30Pa	267	376	606	774	947	1081	1231	1579	1827	2210

2-Rows high static pressure type unit

Air flow ESP	02-2H	03-2H	04-2H	05-2H	06-2H	07-2H	08-2H	10-2H	12-2H	14-2H
0Pa	436	628	834	1026	1142	1292	1574	1986	2276	2676
30Pa	360	520	690	870	1030	1170	1360	1740	2040	2400
40Pa	329	476	634	802	963	1115	1266	1630	1914	2254
50Pa	298	432	578	734	895	1060	1172	1520	1788	2108

2-Rows ultra-high static pressure type unit

Air flow ESP	02-2U	03-2U	04-2U	05-2U	06-2U	07-2U	08-2U	10-2U	12-2U	14-2U
30Pa	425	600	800	1005	1159	1295	1527	1922	2296	2670
50Pa	360	520	690	870	1030	1170	1360	1740	2040	2400
60Pa	318	460	631	802	946	1112	1232	1601	1875	2278
70Pa	276	399	572	734	861	1054	1103	1462	1709	2155

3-Rows standard type unit

Air flow ESP	02-3S	03-3S	04-3S	05-3S	06-3S	07-3S	08-3S	10-3S	12-3S	14-3S
0Pa	400	645	731	912	1068	1199	1471	1811	2162	2459
12Pa	350	520	680	850	1020	1170	1360	1710	2040	2380
20Pa	318	457	580	809	979	1126	1308	1655	1955	2304
30Pa	278	377	454	759	927	1072	1242	1585	1849	2208

Air Flow & ESP Performance

3-Rows high static pressure type unit

ESP \ Air flow	02-3H	03-3H	04-3H	05-3H	06-3H	07-3H	08-3H	10-3H	12-3H	14-3H
0Pa	416	626	832	972	1154	1320	1548	1960	2304	2666
30Pa	350	520	680	850	1020	1170	1360	1710	2040	2380
40Pa	324	485	627	787	957	1115	1280	1603	1916	2241
50Pa	297	449	574	723	893	1059	1199	1496	1792	2101

3-Rows ultra-high static pressure type unit

ESP \ Air flow	02-3U	03-3U	04-3U	05-3U	06-3U	07-3U	08-3U	10-3U	12-3U	14-3U
30Pa	411	592	791	965	1153	1285	1523	1890	2277	2595
50Pa	350	520	680	850	1020	1170	1360	1710	2040	2380
60Pa	313	458	620	779	938	1110	1228	1575	1869	2241
70Pa	275	395	560	707	856	1049	1095	1440	1697	2101

4-Rows and 4-Pipes standard type unit

ESP \ Air flow	02-AS	03-AS	04-AS	05-AS	06-AS	07-AS	08-AS	10-AS	12-AS	14-AS
0Pa	393	570	699	880	1068	1205	1419	1766	2123	2409
12Pa	340	500	670	820	1010	1160	1350	1680	2000	2330
20Pa	307	440	628	778	970	1127	1307	1622	1929	2253
30Pa	265	366	576	726	920	1085	1253	1548	1839	2157

4-Rows and 4-Pipes high static pressure type unit

ESP \ Air flow	02-AH	03-AH	04-AH	05-AH	06-AH	07-AH	08-AH	10-AH	12-AH	14-AH
0Pa	406	604	794	930	1142	1292	1520	1928	2280	2622
30Pa	340	500	670	820	1010	1160	1350	1680	2000	2330
40Pa	310	458	619	767	949	1096	1252	1595	1874	2190
50Pa	280	415	567	714	887	1032	1153	1510	1748	2049

4-Rows and 4-Pipes ultra-high static pressure type unit

ESP \ Air flow	02-AU	03-AU	04-AU	05-AU	06-AU	07-AU	08-AU	10-AU	12-AU	14-AU
30Pa	396	579	784	939	1147	1270	1518	1867	2266	2557
50Pa	340	500	670	820	1010	1160	1350	1680	2000	2330
60Pa	299	442	609	742	928	1103	1218	1550	1843	2210
70Pa	258	383	548	664	846	1045	1085	1420	1685	2090



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