

YGFC

Fan Coil Units



Size: 02 ~ 12

Air Flow: 378 ~ 2524m³/h





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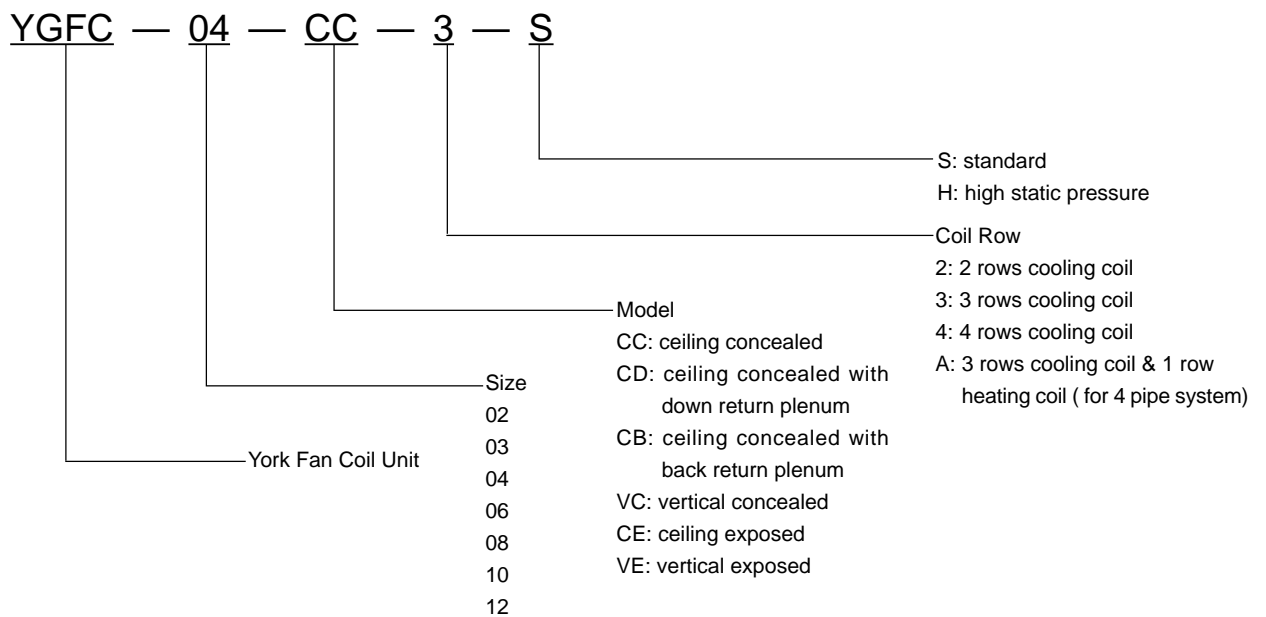
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NOMENCLATURE





- 168 models available;
- Sized from 378 to 2524 m³/h;
- More options to customer: 2 rows, 3 rows, 4 rows, and 3+1 rows coil.
- Design and manufacturing flexibilities, more special order for customer;
- Complete line accessories, and less leadtime;
- Reasonable price.

Features and Benefits

- Well designed and precisely manufactured;
- New style and advanced structure;
- High efficiency, low noise and power consumption;
- Safe and reliable;
- Easy installation and maintenance.

• High Energy Efficiency

High efficiency AL fin cooling coil, 2 rows, 3 rows, 4 rows and 3+1 rows coil are available. Coil provides high rate of heat transfer with large air flow and low noise fan.

• Quiet Operation and Energy Conservation

Units have been optimized to ensure quiet and high efficient operation. Aluminium fan blade can avoid the aging distortion problem of plastic made fan wheel, and rust problem of steel fan wheel. Water knockout is made of brastil with uniform water flow and less water pressure drop.

• Low Maintenance Cost

Motor uses permanent split capacitor, high precision and quality self-lube ball bearings, low noise and long life. Central axis of motor has been thermal refined and surface anti-corrosion treated.

• High Flexibility and Low Installation Cost

Ceiling concealed (horizontal concealed) coil's fan mounting plate can interchange with flange of the opening. Client can change the direction of duct connection in field, resulting in quick and simple installation.

Vertical concealed fan coil unit can be mounted under window, client can renovate house freely, and it will be comfortable and elegant.

Vertical exposed fan coil unit can be placed at any location of a room, beautiful shape matches with furniture, it will be comfortable and decorative.

Ceiling exposed (horizontal exposed) fan coil unit can be mounted on ceiling directly.

Vertical and ceiling exposed unit can be mounted by removing the enclosure, it is easy to maintain and install.



2 Rows Standard Type

Item		Model	02	03	04	06	08	10	12
Air Flow (m ³ /h)		High	378	572	767	1134	1566	1836	2214
		Medium	300	470	580	820	1180	1470	1650
		Low	240	350	450	630	970	1090	1230
Nominal Capacity	Cooling capacity (W) (high speed)	Sensible heat (W)	1462	2113	2959	3874	5383	6280	7675
		Total heat (W)	1930	2789	3905	5114	7105	8289	10132
	Heating capacity (W)		2895	4184	5858	7671	10658	12434	15197
	Water flow (kg/h)		351	482	640	895	1228	1447	1754
	Water pressure drop (kPa)		8.1	17.6	29	20	28	38	48
Fan	Type		Aluminium centrifugal forward-curved blade						
	Number		1	2	2	2	4	4	4
Motor	Type		Three speed permanent split capacitor motor						
	Number		1	1	1	1	2	2	2
	Power Supply		AC220V-1ph-50Hz						
	Power input (W)		20	23	51	85	118	150	163
Sound level dB(A)			34	34	37	43	45	50	48
Cooling Coil	Type		High efficiency copper tube aluminium ripple fin coil						
	Row x stage		2x8						
	Max. Allowable work pressure (MPa)		1.5						
Piping Connection	Water inlet & outlet		3/4" tube female thread						
	Drain		3/4" tube male thread						
Unit Net Weight (kg)	CC		14.5	16	18.5	22	30	31	36.5
	CB/CD		19	21	23	28.4	37	39	45
	VE/CE		29	31	35	40	48	50	52
	VC		19	21.5	24	29.4	36.5	38.5	40

- Note: 1. Airflow is based on 0 Pa external static pressure.
 2. Cooling capacity is specified at: 27°C DB, 20°C WB; 7°C inlet chilled water temperature, 5°C temperature rise.
 3. Heating capacity is specified at: 20°C DB; 60°C inlet hot water temperature; same water flow and airflow as cooling.
 4. Sound level dB(A) is measured in acoustical chamber according to ARI350-1986, cooling and heating capacity is measured according to ARI440-97 standard.



2 Rows High Static Pressure Type

Item		Model	02	03	04	06	08	10	12
Air Flow (m ³ /h)		High	459	704	886	1296	1922	2165	2524
		Medium	400	500	580	920	1420	1620	1870
		Low	360	370	440	650	1100	1210	1360
Nominal Capacity	Cooling capacity (W) (high speed)	Sensible heat (W)	1624	2370	3037	4016	5848	6563	7797
		Total heat (W)	2193	3202	4100	5421	7895	8860	10526
	Heating capacity (W)		3289	4803	6150	8132	11842	13289	15789
	Water flow (kg/h)		390	561	675	956	1386	1579	1877
	Water pressure drop (kPa)		11	20	32	25	35	41	51
Fan	Type		Aluminium centrifugal forward-curved blade						
	Number		1	2	2	2	4	4	4
Motor	Type		Three speed permanent split capacitor motor						
	Number		1	1	1	1	2	2	2
	Power Supply		AC220V-1ph-50Hz						
	Power input (W)		21	47	66	100	150	185	232
Sound level dB(A)			38	45	42.5	45	50	53	51
Cooling Coil	Type		High efficiency copper tube aluminium ripple fin coil						
	Row x stage		2x8						
	Max. Allowable work pressure (MPa)		1.5						
Piping Connection	Water inlet & outlet		3/4" tube female thread						
	Drain		3/4" tube male thread						
Unit Net Weight (kg)	CC		14.5	16	18.5	22	30	31	36.5
	CB/CD		19	21	23	28.4	37	39	45
	VE/CE		29	31	35	40	48	50	52
	VC		19	21.5	24	29.4	36.5	38.5	40

- Note: 1. Airflow is based on 0 Pa external static pressure.
 2. Cooling capacity is specified at: 27°C DB, 20°C WB; 7°C inlet chilled water temperature, 5°C temperature rise.
 3. Heating capacity is specified at: 20°C DB; 60°C inlet hot water temperature; same water flow and airflow as cooling.
 4. Sound level dB(A) is measured in acoustical chamber according to ARI350-1986, cooling and heating capacity is measured according to ARI440-97 standard.



3 Rows Standard Type

Item		Model	02	03	04	06	08	10	12
Air Flow (m ³ /h)		High	350	530	710	1050	1450	1700	2050
		Medium	280	450	570	800	1150	1450	1600
		Low	220	340	430	610	950	1120	1200
Nominal Capacity	Cooling capacity (W) (high speed)	Sensible heat (W)	1630	2356	3298	4319	6000	7000	8556
		Total heat (W)	2200	3180	4452	5830	8100	9450	11550
	Heating capacity (W)		3300	4770	6678	8745	12150	14175	17325
	Water flow (kg/h)		400	550	730	1020	1400	1650	2000
	Water pressure drop (kPa)		5.1	10.3	18	13.2	15.4	22	37
Fan	Type		Aluminium centrifugal forward-curved blade						
	Number		1	2	2	2	4	4	4
Motor	Type		Three speed permanent split capacitor motor						
	Number		1	1	1	1	2	2	2
	Power Supply		AC220V-1ph-50Hz						
	Power input (W)		20	23	51	85	118	150	163
Sound level dB(A)			33	33	37	42	44	49	47
Cooling Coil	Type		High efficiency copper tube aluminium ripple fin coil						
	Row x stage		3x8						
	Max. Allowable work pressure (MPa)		1.5						
Piping Connection	Water inlet & outlet		3/4" tube female thread						
	Drain		3/4" tube male thread						
Unit Net Weight (kg)	CC		15.5	17	20	23.5	32	33	39
	CB/CD		20	22	24.5	30	39	41	47.5
	VE/CE		29.5	33	36	41	48.5	51	54
	VC		20	22	25	30	37	40	42

- Note:
1. Airflow is based on 0 Pa external static pressure.
 2. Cooling capacity is specified at: 27°C DB, 20°C WB; 7°C inlet chilled water temperature, 5°C temperature rise.
 3. Heating capacity is specified at: 20°C DB; 60°C inlet hot water temperature; same water flow and airflow as cooling.
 4. Sound level dB(A) is measured in acoustical chamber according to ARI350-1986, cooling and heating capacity is measured according to ARI440-97 standard.



3 Rows High Static Pressure Type

Item		Model	02	03	04	06	08	10	12
Air Flow (m ³ /h)		High	425	652	820	1200	1780	2005	2337
		Medium	400	500	580	920	1420	1620	1870
		Low	360	370	440	650	1100	1210	1360
Nominal Capacity	Cooling capacity (W) (high speed)	Sensible heat (W)	1852	2704	3462	4578	6667	7481	8889
		Total heat (W)	2500	3650	4674	6180	9000	10100	12000
	Heating capacity (W)		3750	5475	7011	9270	13500	15150	18000
	Water flow (kg/h)		445	640	770	1090	1580	1800	2140
	Water pressure drop (kPa)		6.5	13	20	18	19.2	25	39
Fan	Type		Aluminium centrifugal forward-curved blade						
	Number		1	2	2	2	4	4	4
Motor	Type		Three speed permanent split capacitor motor						
	Number		1	1	1	1	2	2	2
	Power Supply		AC220V-1ph-50Hz						
	Power input (W)		21	47	66	100	150	185	232
Sound level dB(A)			37	45	42	45	49	52	50
Cooling Coil	Type		High efficiency copper tube aluminium ripple fin coil						
	Row x stage		3x8						
	Max. Allowable work pressure (MPa)		1.5						
Piping Connection	Water inlet & outlet		3/4" tube female thread						
	Drain		3/4" tube male thread						
Unit Net Weight (kg)	CC		15.5	17	20	23.5	32	33	39
	CB/CD		20	22	24.5	30	39	41	47.5
	VE/CE		29.5	33	36	41	48.5	51	54
	VC		20	22	25	30	37	40	42

- Note: 1. Airflow is based on 0 Pa external static pressure.
 2. Cooling capacity is specified at: 27°C DB, 20°C WB; 7°C inlet chilled water temperature, 5°C temperature rise.
 3. Heating capacity is specified at: 20°C DB; 60°C inlet hot water temperature; same water flow and airflow as cooling.
 4. Sound level dB(A) is measured in acoustical chamber according to ARI350-1986, cooling and heating capacity is measured according to ARI440-97 standard.



4 Rows Standard Type

Item		Model	02	03	04	06	08	10	12
Air Flow (m ³ /h)		High	324	491	657	972	1343	1574	1898
		Medium	260	430	550	780	1100	1410	1520
		Low	200	310	400	580	900	1080	1130
Nominal Capacity	Cooling capacity (W) (high speed)	Sensible heat (W)	1933	2816	3593	4705	6778	7956	9852
		Total heat (W)	2610	3801	4851	6352	9150	10741	13300
	Heating capacity (W)		3915	5702	7277	9528	13725	16112	19950
	Water flow (kg/h)		475	657	795	1111	1581	1875	2303
	Water pressure drop (kPa)		4.6	9	16	11	13.5	19.6	34
Fan	Type		Aluminium centrifugal forward-curved blade						
	Number		1	2	2	2	4	4	4
Motor	Type		Three speed permanent split capacitor motor						
	Number		1	1	1	1	2	2	2
	Power Supply		AC220V-1ph-50Hz						
	Power input (W)		20	23	51	85	118	150	163
Sound level dB(A)			33	33	36	41	43	48	46
Cooling Coil	Type		High efficiency copper tube aluminium ripple fin coil						
	Row x stage		4x8						
	Max. Allowable work pressure (MPa)		1.5						
Piping Connection	Water inlet & outlet		3/4" tube female thread						
	Drain		3/4" tube male thread						
Unit Net Weight (kg)	CC		16	17.5	20.5	24	34	35	41
	CB/CD		20.5	22.5	25	30.5	41	43	49.5
	VE/CE		31	34.5	38	43	51.5	54	57
	VC		21.5	24	26.5	32.5	40	42.5	45

- Note:
1. Airflow is based on 0 Pa external static pressure.
 2. Cooling capacity is specified at: 27°C DB, 20°C WB; 7°C inlet chilled water temperature, 5°C temperature rise.
 3. Heating capacity is specified at: 20°C DB; 60°C inlet hot water temperature; same water flow and airflow as cooling.
 4. Sound level dB(A) is measured in acoustical chamber according to ARI350-1986, cooling and heating capacity is measured according to ARI440-97 standard.



4 Rows High Static Pressure Type

Item		Model	02	03	04	06	08	10	12
Air Flow (m ³ /h)		High	394	604	759	1111	1648	1857	2164
		Medium	380	470	540	880	1380	1540	1770
		Low	340	350	420	620	1050	1120	1280
Nominal Capacity	Cooling capacity (W) (high speed)	Sensible heat (W)	1967	2970	3807	5033	7333	8259	10667
		Total heat (W)	2656	4010	5140	6795	9900	11150	14400
	Heating capacity (W)		3984	6015	7710	10192.5	14850	16725	21600
	Water flow (kg/h)		473	703	847	1198	1738	1987	2568
	Water pressure drop (kPa)		6	10	18	16	18	22	37
Fan	Type		Aluminium centrifugal forward-curved blade						
	Number		1	2	2	2	4	4	4
Motor	Type		Three speed permanent split capacitor motor						
	Number		1	1	1	1	2	2	2
	Power Supply		AC220V-1ph-50Hz						
	Power input (W)		21	47	66	100	150	185	232
Sound level dB(A)			36	43	41	43	47	50	48
Cooling Coil	Type		High efficiency copper tube aluminium ripple fin coil						
	Row x stage		4x8						
	Max. Allowable work pressure (MPa)		1.5						
Piping Connection	Water inlet & outlet		3/4" tube female thread						
	Drain		3/4" tube male thread						
Unit Net Weight (kg)	CC		16	17.5	20.5	24	34	35	41
	CB/CD		20.5	22.5	25	30.5	41	43	49.5
	VE/CE		31	34.5	38	43	51.5	54	57
	VC		21.5	24	26.5	32.5	40	42.5	45

- Note: 1. Airflow is based on 0 Pa external static pressure.
 2. Cooling capacity is specified at: 27°C DB, 20°C WB; 7°C inlet chilled water temperature, 5°C temperature rise.
 3. Heating capacity is specified at: 20°C DB; 60°C inlet hot water temperature; same water flow and airflow as cooling.
 4. Sound level dB(A) is measured in acoustical chamber according to ARI350-1986, cooling and heating capacity is measured according to ARI440-97 standard.



Cooling Capacity -2 Rows High Static Pressure Type YGFC Fan Coil Units

(W)

Model	External Static Pressure (Pa)	Air Flow (m ³ /h)	Inlet Water Temp. (°C)	Air Entering Temperature							
				DB25°C		DB26°C		DB27°C		DB28°C	
				WB18°C		WB19°C		WB20°C		WB21°C	
				Total	Sensible	Total	Sensible	Total	Sensible	Total	Sensible
02	0 10 20 30 40 50	459 432 410 378 264 173	6	2048	1652	2203	1669	2368	1692	2511	1743
				1980	1559	2129	1577	2290	1601	2427	1668
				1924	1480	2069	1499	2225	1514	2359	1583
				1838	1372	1976	1392	2125	1407	2253	1472
				1503	1089	1616	1107	1738	1114	1842	1173
				1188	836	1277	846	1373	853	1456	898
				1897	1568	2039	1606	2193	1624	2368	1668
	10 20 30 40 50	432 410 378 264 173	7	1834	1467	1972	1482	2120	1516	2290	1601
				1782	1392	1916	1409	2060	1472	2225	1514
				1702	1289	1830	1307	1968	1367	2125	1417
				1392	1023	1496	1039	1609	1087	1738	1128
				1100	785	1182	794	1271	820	1373	864

Note: 1. DB= dry bulb; WB= wet bulb; sensible = sensible heat; total = total heat.
 2. Water flow is per Physical Data, air flow is at high speed.
 3. [Shaded Box] Recommended selection range.

Heat transfer correction factor at different fan speed

Model		02	03	04	06	08	10	12
Medium speed	Sensible	0.84	0.83	0.84	0.85	0.85	0.85	0.87
	Total	0.90	0.85	0.86	0.88	0.87	0.88	0.89
Low speed	Sensible	0.64	0.68	0.75	0.71	0.70	0.69	0.69
	Total	0.73	0.72	0.78	0.75	0.74	0.73	0.73



2 Rows Heating Capacity (2 pipes system)

(W)

External static Pressure (Pa)	Inlet Water Temp. (°C)	Air Entering Temperature 20°C													
		02S	02H	03S	03H	04S	04H	06S	06H	08S	08H	10S	10H	12S	12H
0	40	1434	1629	2072	2379	2901	3046	3799	4028	5279	5865	6159	6582	7527	7821
10		1387	1577	2005	2302	2808	2948	3677	3897	5108	5676	5960	6370	7284	7568
20		1316	1495	1902	2183	2663	2795	3487	3696	4844	5383	5652	6041	6908	7177
30		1194	1357	1726	1981	2416	2536	3164	3354	4396	4884	5128	5481	6268	6512
40		1054	1198	1524	1749	2134	2240	2794	2962	3882	4313	4529	4841	5536	5751
50		825	937	1192	1369	1669	1753	2186	2317	3037	3375	3544	3787	4331	4500
0	50	2159	2454	3121	3583	4370	4588	5723	6066	7951	8834	9276	9914	11337	11779
10		2090	2375	3021	3467	4229	4440	5538	5870	7694	8549	8976	9594	10971	11398
20		1982	2252	2865	3288	4010	4210	5252	5567	7296	8107	8513	9098	10404	10810
30		1798	2043	2599	2983	3639	3820	4765	5051	6621	7356	7724	8255	9441	9808
40		1588	1805	2295	2635	3214	3374	4208	4461	5847	6497	6822	7291	8337	8662
50		1243	1412	1796	2062	2514	2640	3293	3490	4575	5083	5337	5704	6523	6778
0	60	2895	3289	4184	4803	5858	6150	7671	8132	10658	11842	12434	13289	15197	15789
10		2801	3183	2789	4648	5669	5951	7423	7869	10314	11460	12033	12860	14706	15279
20		2657	3019	3840	4407	5376	5644	7040	7462	9781	10868	11411	12196	13947	14490
30		2410	2739	3484	3999	4878	5121	6388	6771	8875	9861	10354	11066	12655	13148
40		2129	2419	3077	3532	4308	4523	5641	5980	7838	8709	9144	9773	11176	11612
50		1666	1893	2408	2763	3371	3539	4414	4679	6133	6814	7155	7647	8745	9085

Note: Water flow and airflow are per Physical Data.

3 Rows Heating Capacity (2 pipes system)

(W)

External static Pressure (Pa)	Inlet Water Temp. (°C)	Air Entering Temperature 20°C													
		02S	02H	03S	03H	04S	04H	06S	06H	08S	08H	10S	10H	12S	12H
0	40	1634	1857	2363	2712	3308	3473	4331	4591	6018	6687	7021	7504	8581	8915
10		1582	1797	2286	2624	3201	3360	4191	4443	5824	6471	6794	7261	8304	8627
20		1500	1705	2168	2489	3035	3187	3975	4214	5523	6136	6443	6886	7875	8182
30		1361	1547	1967	2258	2754	2892	3607	3823	5011	5568	5846	6248	7145	7424
40		1202	1366	1737	1994	2432	2554	3185	3377	4426	4917	5163	5518	6311	6556
50		940	1069	1359	1560	1903	1998	2492	2642	3463	3847	4040	4318	4938	5130
0	50	2462	2798	3558	4084	4982	5230	6524	6915	9064	10071	10575	11302	12924	13428
10		2382	2707	3443	3952	4821	5061	6313	6692	8771	9746	10233	10937	12507	12994
20		2259	2567	3266	3748	4572	4800	5987	6346	8318	9242	9704	10372	11861	12323
30		2050	2329	2963	3401	4148	4355	5432	5758	7548	8386	8805	9411	10762	11181
40		1810	2057	2617	3004	3664	3846	4798	5086	6666	7406	7777	8311	9505	9875
50		1417	1610	2048	2350	2867	3009	3754	3979	5215	5795	6085	6503	7437	7726
0	60	3300	3750	4770	5475	6678	7011	8745	9270	12150	13500	14175	15150	17325	18000
10		3193	3629	4616	5298	6462	6785	8463	8971	11758	13064	13717	14661	16765	17419
20		3082	3441	4377	5024	6128	6434	8025	8507	11150	12389	13008	13903	15899	16519
30		2748	3123	3972	4559	5561	5838	7282	7719	10117	11241	11804	12615	14427	14989
40		2427	2758	3508	4026	4911	5156	6431	6817	8935	9928	10424	11141	12741	13237
50		1899	2158	2745	3150	3843	4034	5032	5334	6991	7768	8156	8717	9969	10357

Note: Water flow and airflow are per Physical Data.



4 Rows Heating Capacity (2 pipes system)

(W)

External static Pressure (Pa)	Inlet Water Temp. (°C)	Air Entering Temperature 20°C													
		02S	02H	03S	03H	04S	04H	06S	06H	80S	80H	10S	10H	12S	12H
0	40	1939	1973	2824	2979	3604	3819	4719	5048	6789	7355	7980	8284	9881	10698
10		1876	1910	2733	2883	3488	3695	4567	4885	6578	7118	7722	8016	9562	10353
20		1780	1811	2592	2734	3307	3504	4331	4633	6239	6750	7323	7602	9068	9818
30		1615	1643	2352	2481	3001	3180	3930	4204	5661	6125	6645	6898	8228	8909
40		1426	1451	2077	2191	2650	2808	3471	3713	4999	5409	5869	6092	7267	7868
50		1116	1135	1625	1714	2074	2197	2715	2905	3912	4232	4592	4767	5686	6156
0	50	2921	2972	4253	4487	5428	5752	7108	7604	10239	11078	12019	12477	14883	16114
10		2826	2876	4116	4342	5253	5566	6878	7358	9908	10720	11631	12074	14402	15593
20		2680	2727	3903	4418	4982	5278	6523	6978	9396	10166	11030	11450	13658	14787
30		2432	2475	3542	3736	4520	4789	5919	6332	8526	9225	10008	10389	12393	13418
40		2148	2186	3128	3300	3992	4230	5227	5592	7530	8147	8839	9175	10945	11850
50		1681	1710	2447	2582	3123	3310	4090	4375	5891	6374	6916	7179	8564	9272
0	60	3915	3984	5702	6015	7277	7710	9528	10193	13725	14850	16112	16725	19950	21600
10		3789	3855	5517	5821	7041	7461	9220	9863	13282	14370	15591	16185	19306	20902
20		3593	3656	5232	5520	6678	7075	8744	9354	12595	13628	14786	15349	18308	19822
30		3260	3317	4748	5009	6059	6420	7934	8487	11429	12366	13416	13927	16612	17986
40		2879	2930	4193	4423	5351	5670	7007	7496	10093	10921	11848	12300	14671	15885
50		2253	2292	3281	3461	4187	4436	5482	5865	7897	8545	9271	9624	11479	12429

Note: Water flow and airflow are per Physical Data.

1 Row Heating Capacity (4 pipes system)

(W)

External static Pressure (Pa)	Inlet Water Temp. (°C)	Air Entering Temperature 20°C													
		02S	02H	03S	03H	04S	04H	06S	06H	08S	08H	10S	10H	12S	12H
0	40	926	1053	1339	1537	1874	1968	2454	2602	3410	3789	3978	4252	4863	5052
10		896	1019	1296	1487	1814	1904	2375	2518	3300	3667	3850	4115	4706	4889
20		850	966	1229	1410	1720	1806	2252	2388	3129	3477	3651	3902	4462	4636
30		771	876	1115	1280	1561	1639	2044	2167	2840	3155	3313	3541	4049	4207
40		681	774	985	1130	1378	1447	1805	1913	2508	2786	2926	3127	3576	3715
50		533	606	770	884	1078	1132	1412	1497	1962	2180	2289	2447	2798	2907
0	50	1395	1585	2016	2314	2823	2964	3697	3919	5136	5707	5592	6404	7324	7609
10		1350	1534	1951	2240	2732	2868	3577	3792	4970	5523	5799	6198	7087	7363
20		1280	1455	1850	2124	2591	2720	3393	3596	4713	5237	5499	5877	6721	6983
30		1162	1320	1679	1927	2351	2468	3078	3263	4277	4752	4990	5333	6099	6336
40		1026	1166	1483	1702	2076	2180	2719	2882	3777	4197	4407	4710	5386	5596
50		803	912	1160	1332	1624	1705	2127	2255	2955	3284	3448	3685	4214	4378
0	60	1870	2125	2703	3103	3784	3973	4956	5253	6885	7650	8033	8585	9818	10200
10		1810	2056	2616	3002	3662	3845	4795	5083	6663	7403	7773	8308	9500	9871
20		1716	1950	2481	2847	3473	3646	4548	4821	6318	7020	7371	7878	9010	9361
30		1557	1769	2251	2583	3151	3308	4126	4374	5733	6370	6689	7149	8175	8494
40		1375	1563	1988	2282	2783	2922	3644	3863	5063	5656	5907	6313	7220	7501
50		1076	1223	1555	1785	2177	2286	2851	3023	3962	4402	4622	4940	5649	5869

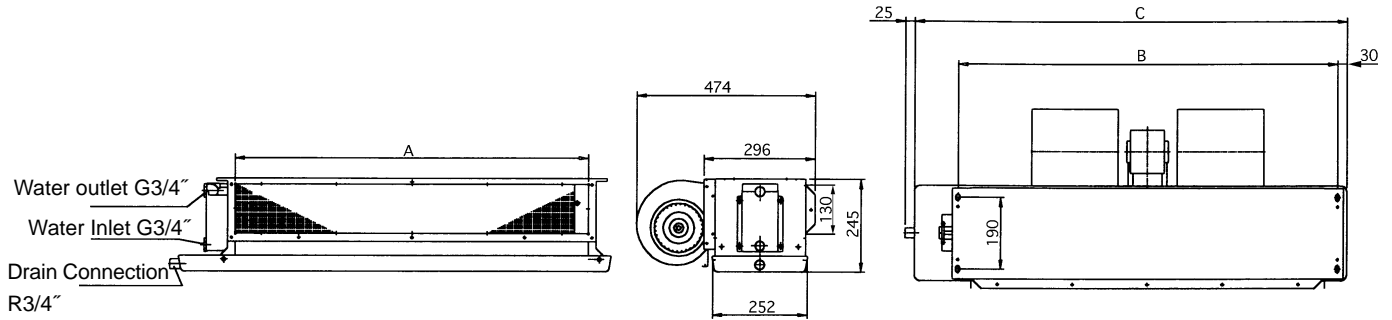
Note: Water flow and airflow are per Physical Data.

Heat Transfer Correction Factor of Different Fan Speed

Model	02S	02H	03S	03H	04S	04H	06S	06H	08S	08H	10S	10H	12S	12H
Medium speed	0.90	0.94	0.85	0.85	0.86	0.87	0.88	0.88	0.87	0.86	0.87	0.88	0.88	0.89
Low speed	0.72	0.85	0.73	0.76	0.76	0.76	0.75	0.76	0.72	0.74	0.72	0.74	0.72	0.74



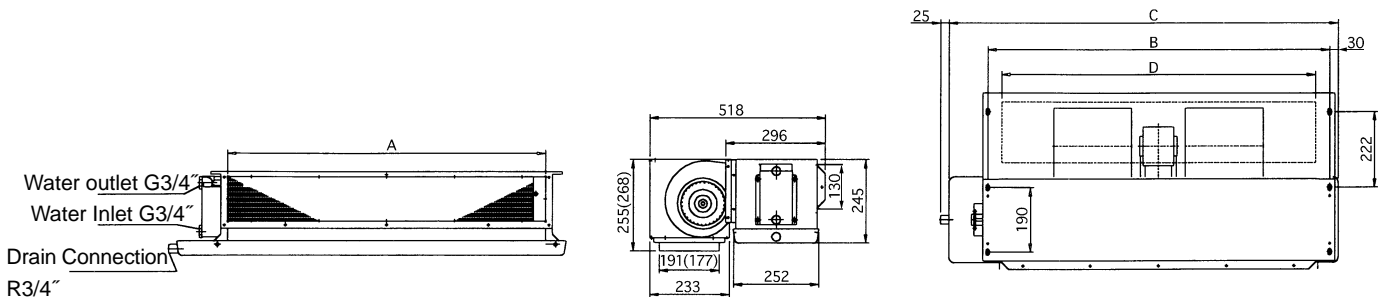
Ceiling Concealed Type



Model	A	B	C	C*
YGFC-02-CC-2(3,4)-S(H)	520	590	730	830
YGFC-03-CC-2(3,4)-S(H)	620	690	830	930
YGFC-04-CC-2(3,4)-S(H)	720	790	930	1030
YGFC-06-CC-2(3,4)-S(H)	940	1010	1150	1250
YGFC-08-CC-2(3,4)-S(H)	1240	1310	1450	1550
YGFC-10-CC-2(3,4)-S(H)	1340	1410	1550	1650
YGFC-12-CC-2(3,4)-S(H)	1540	1610	1750	1850

- Note: 1. Right hand unit shown, left hand unit opposite.
 2. The plenum connection (down plenum or back plenum) can be changed in according to field installation.
 3. C* is the dimension for extended drain pan. (option)

Ceiling Concealed Type with Down Return Plenum

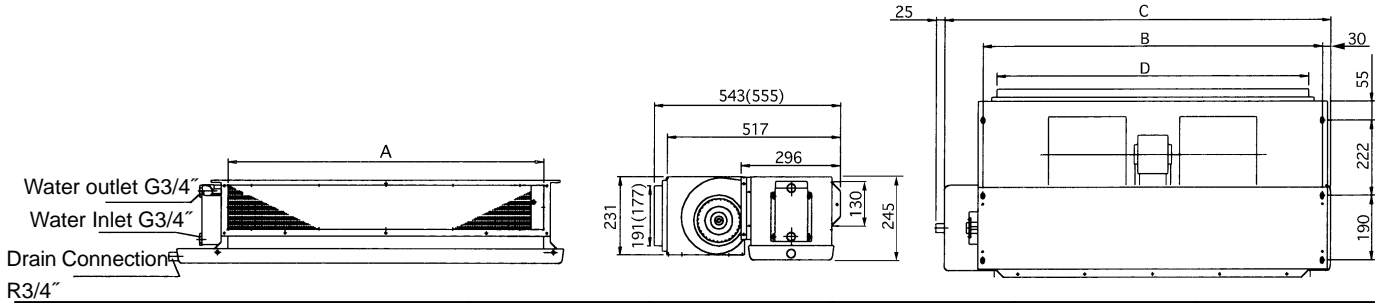


Model	A	B	C	C*	D
YGFC-02-CD-2(3,4)-S(H)	520	590	730	830	508
YGFC-03-CD-2(3,4)-S(H)	620	690	830	930	608
YGFC-04-CD-2(3,4)-S(H)	720	790	930	1030	708
YGFC-06-CD-2(3,4)-S(H)	940	1010	1150	1250	928
YGFC-08-CD-2(3,4)-S(H)	1240	1310	1450	1550	1228
YGFC-10-CD-2(3,4)-S(H)	1340	1410	1550	1650	1328
YGFC-12-CD-2(3,4)-S(H)	1540	1610	1750	1850	1528

- Note: 1. Right hand unit shown, left hand unit opposite.
 2. The plenum connection (down plenum or back plenum) can be changed in according to field installation.
 3. C* is the dimension for extended drain pan. (Option)
 4. The dimension in () refer to plenum with filter.



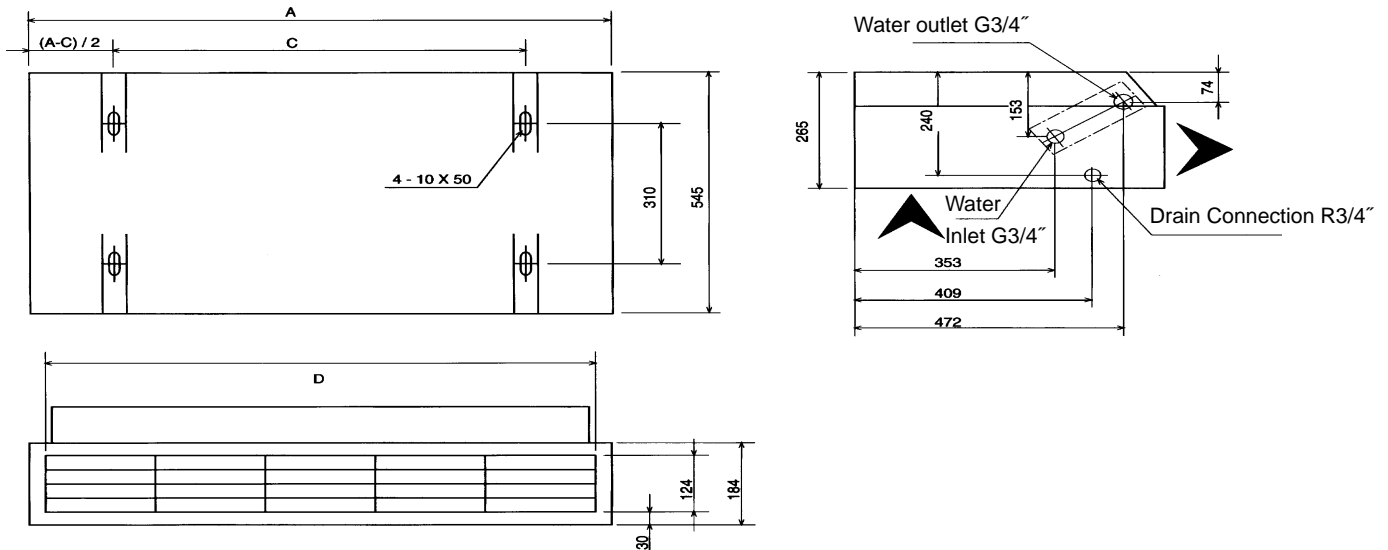
Ceiling Concealed with Back Return Plenum



Model	A	B	C	C*	D
YGFC-02-CB-2(3,4)-S(H)	520	590	730	830	508
YGFC-03-CB-2(3,4)-S(H)	620	690	830	930	608
YGFC-04-CB-2(3,4)-S(H)	720	790	930	1030	708
YGFC-06-CB-2(3,4)-S(H)	940	1010	1150	1250	928
YGFC-08-CB-2(3,4)-S(H)	1240	1310	1450	1550	1228
YGFC-10-CB-2(3,4)-S(H)	1340	1410	1550	1650	1328
YGFC-12-CB-2(3,4)-S(H)	1540	1610	1750	1850	1528

- Note: 1. Right hand unit shown, left hand unit opposite.
 2. The plenum connection (down plenum or back plenum) can be changed in according to field installation.
 3. C* is the dimension for extended drain pan. (Option)
 4. The dimension in () refers to plenum with filter.

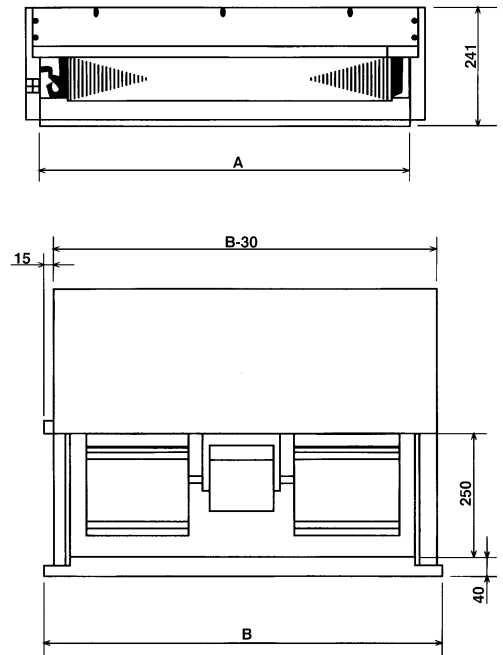
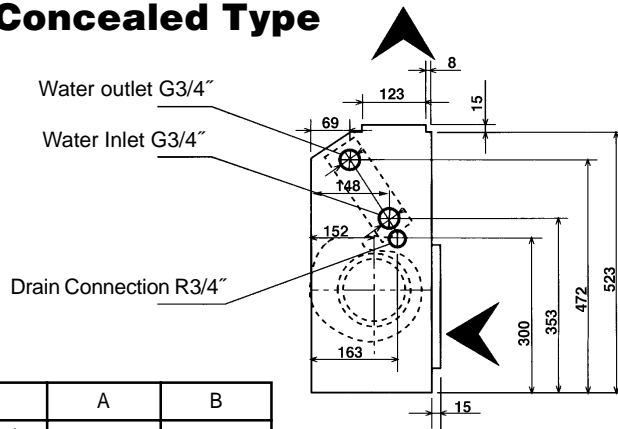
Ceiling, Vertical Exposed Type



Model	A	B	C	D
YGFC-02-VE(CE)-2(3, 4)	905	727	624	847
YGFC-03-VE(CE)-2(3, 4)	1026	848	724	968
YGFC-04-VE(CE)-2(3, 4)	1147	969	824	1089
YGFC-06-VE(CE)-2(3, 4)	1388	1210	1044	1330
YGFC-08-VE(CE)-2(3, 4)	1631	1451	1344	1571
YGFC-10-VE(CE)-2(3, 4)	1752	1572	1444	1692
YGFC-12-VE(CE)-2(3, 4)	1993	1815	1644	1935



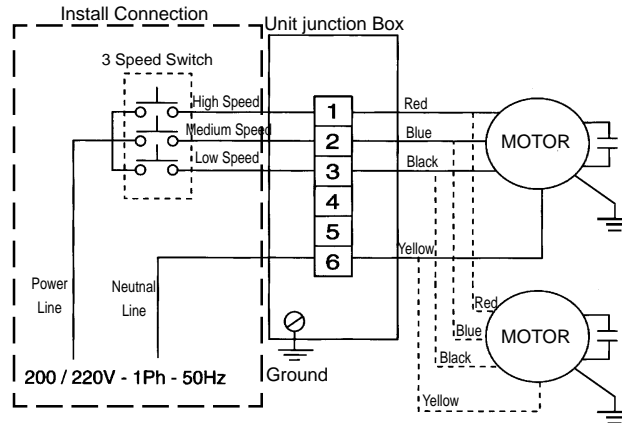
Vertical Concealed Type



Model	A	B
YGFC-02-VC-2(3, 4)	594	655
YGFC-03-VC-2(3, 4)	694	755
YGFC-04-VC-2(3, 4)	794	855
YGFC-06-VC-2(3, 4)	1014	1075
YGFC-08-VC-2(3, 4)	1314	1375
YGFC-10-VC-2(3, 4)	1414	1475
YGFC-12-VC-2(3, 4)	1614	1675



CC/CB/CD/CE/VE/VC Wiring



Warning: Connect lines correctly, otherwise, it will cause motor damage.

Note: 1. Multiple fan coil units can not be controlled by one switch.

2. Power line and neutral line can't be connected wrong.

*Subject to change without notice.



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