



YBCM Series Air Handling Units



The power behind **your mission**



YBCM Series Air Handling Units

YBCM series air handling unit is a terminal equipment of central air-conditioning system. They are designed to cool, heat, humidify, and clean the air. The whole series is especially suitable for hotel, gymnasium, office, store, factory etc.

YBCM series air handling unit is designed to provide six standard types for our customers: Vertical standard unit(V1), Horizontal standard unit(H1/H2/H3/H4/H5).

Vertical type has 13 models and horizontal type has 20 models for choice. Air flow ranges from 2,000m³/h to 45,000m³/h and the unit can meet different external pressure requirements, with options such as VSD motor, heat coil, dry steam humidifier, evaporative humidifier, TiO₂ and so on.



Product Features



Casing

The casing of YBCM is made of frame and double skin panel.

All panels use high quality aluminum or galvanized steel to ensure a smooth surface and attractive profile.

Double skin construction is provided by "sandwich" type panels with high density strip. The foam panel and profile skins are injected with Zero ODP & Zero GWP 25mm/50mm PU foam to provide better heat insulation and higher casing rigidity.

All internal components of the air handling unit are firmly placed on the high-strength frame.



Dry Pan

"Dry Drain Pan" design allows quick and easy drainage of condensate water.



Adjustable Air Ratio

Customer can choose mixing box to adjust the ratio of fresh air to return air with manual or motorized damper based on actual requirement.



High Heat Exchange Efficiency

The coil is made of expanded copper tubes and rippled aluminum fins with optional hydrophilic coating to achieve high heat exchange efficiency. Equipped with a high air flow fan, the unit can reach maximum efficiency for heat transfer.



Flexible

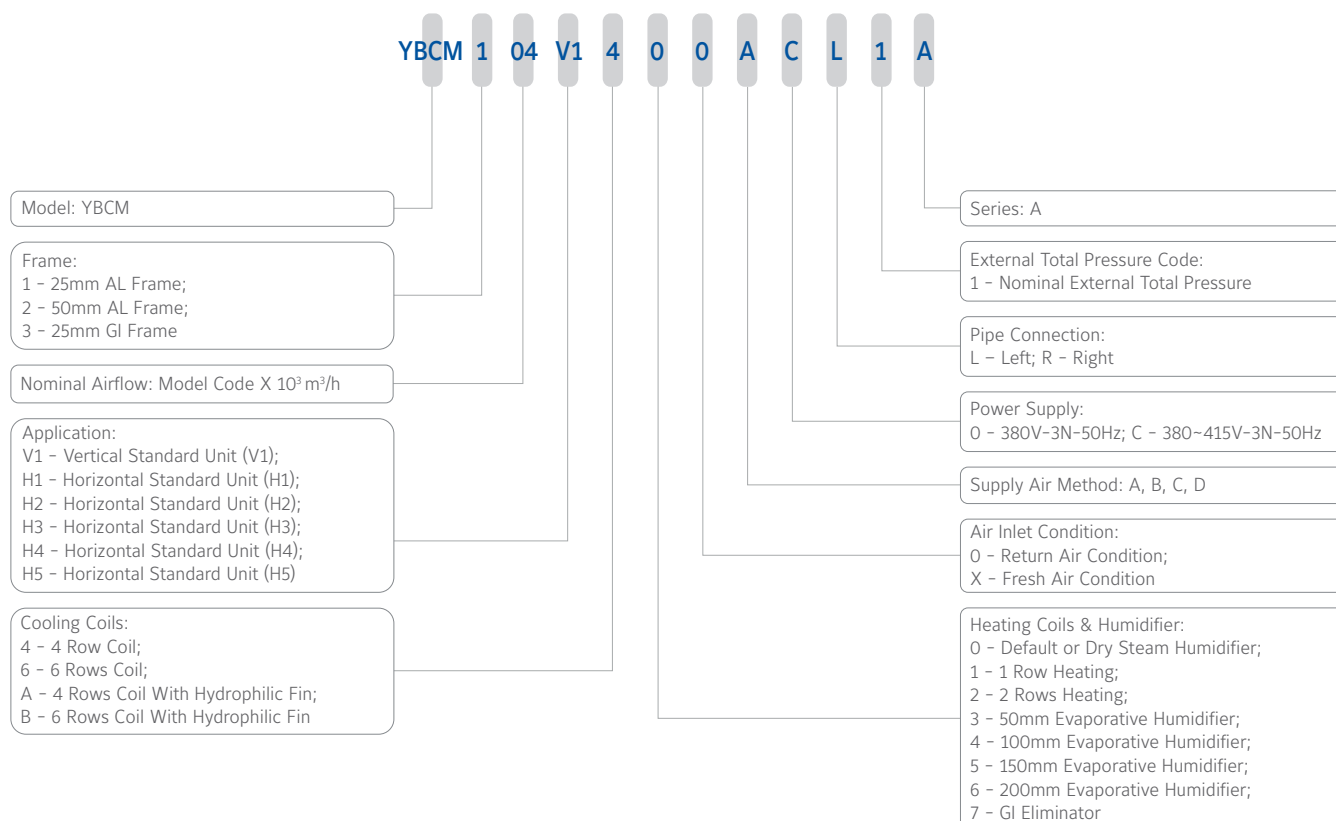
Multiple external static pressure options for different system design requirements.



Quiet Operation

The unit operates with a low noise belt driven motor for quiet operation. The fan, which is the latest low speed and high-volume model, emits very little noise. Each fan has been dynamically and statically balanced.

Nomenclature



Note:

1. Along the airflow direction, it is the right hand unit if coil connection pipes are on the right side of unit; vice versa.
2. For special airflow or external static pressure, please contact our local Johnson Controls offices for your specific requirements.

Product Features

More Filter Solution

Plate filter, bag filter, plate and bag combination filter, electrostatic clean filter are available for options.

Plate filter: G3/G4 polyester synthetic fiber filters; G1 aluminum mesh.

Bag filter: F5/F6/F7/F8 polyester synthetic fiber filters.



Electrostatic Precipitator

High Efficiency

- PM2.5 remove efficiency up to 95%
- Capture up to 95% of airborne pollutants to create clean air

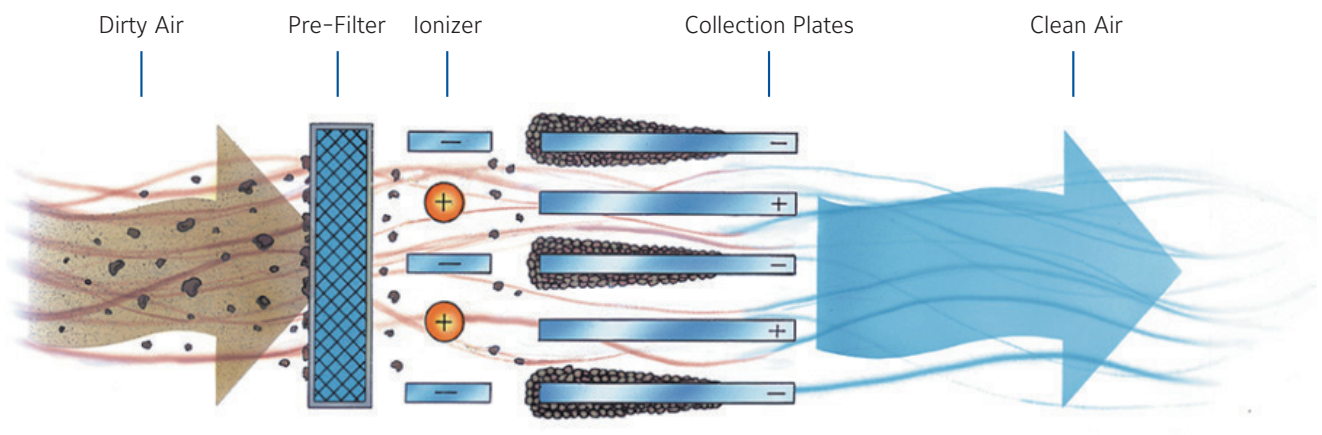
Energy Efficient

- Low resistance to airflow compare to mechanical media filter, reduce the energy consumption of air terminal fan section

Low Operating and Maintenance Cost

- Electrostatic precipitator attracts and captures charged dust and dirt particles on aluminum plates that are simply lifted out and rinsed off in the sink. Not only is this responsible to the environment but there are no expensive filters to replace.

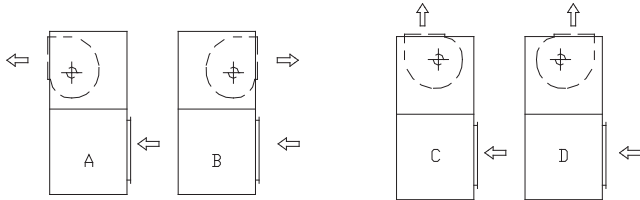
Electrostatic Precipitator Operating Process



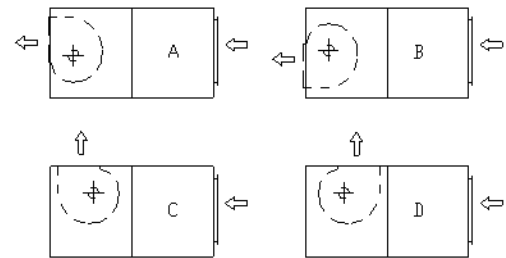
A high-voltage ionizer within the air cleaner electrically charges airborne pollutants and particles. Electronic air cleaners feature electrostatic precipitators – a series of metal collection plates that are oppositely charged to the ionized particles. The negative filter plate then attracts and captures these microscopic particles, preventing them from being recirculated into the room.

Supply Air Method (A, B, C, D)

Vertical Unit

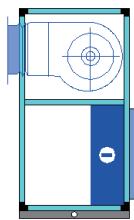


Horizontal Unit



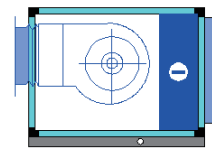
Standard Types

Vertical Standard Unit (V1)



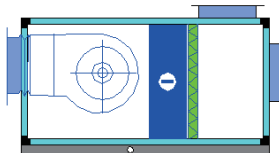
Supply Fan + Coil + Open Filter

Horizontal Standard Unit (H1)



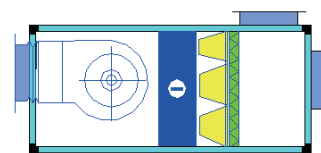
Supply Fan + Coil + Open Filter

Horizontal Standard Unit (H2)



Supply Fan + Coil + Plate Filter + Mixing Box

Horizontal Standard Unit (H3)



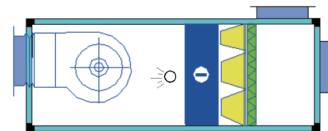
Supply Fan + Coil + Bag Filter + Plate Filter + Mixing Box

Horizontal Standard Unit (H4)



Supply Fan + Dry Steam Humidifier + Coil + Plate Filter + Mixing Box

Horizontal Standard Unit (H5)



Supply Fan + Dry Steam Humidifier + Coil + Bag Filter + Plate Filter + Mixing Box

Technical Data – Vertical Standard Unit

Model	Airflow (m ³ /h)	Rows	Return Air Condition						Fresh Air Condition					
			Cooling Capacity (kW)	Water Flow Rate (L/s)	Water Pressure Drop (kPa)	Heating Capacity (kW)	Water Flow Rate (L/s)	Water Pressure Drop (kPa)	Cooling Capacity (kW)	Water Flow Rate (L/s)	Water Pressure Drop (kPa)	Heating Capacity (kW)	Water Flow Rate (L/s)	Water Pressure Drop (kPa)
YBCM 02V	2000	4	11.2	0.53	22.0	18.3	0.44	11.1	24.1	1.15	40.0	24.7	0.60	10.1
		6	13.2	0.63	47.2	21.9	0.53	22.8	29.3	1.40	62.1	31.4	0.76	14.9
YBCM 03V	3000	4	16.8	0.80	37.8	26.8	0.65	20.9	37.9	1.81	76.4	38.6	0.94	19.4
		6	19.8	0.95	30.1	31.4	0.76	14.8	47.4	2.25	49.4	45.7	1.12	12.3
YBCM 04V	4000	4	22.4	1.07	37.0	35.6	0.87	20.5	50.7	2.41	56.4	50.9	1.23	14.6
		6	27.7	1.33	64.6	42.2	1.02	31.6	62.0	2.96	36.0	60.4	1.46	9.0
YBCM 05V	5000	4	28.1	1.34	51.1	43.8	1.07	28.2	62.9	2.97	77.0	63.5	1.55	20.6
		6	36.0	1.71	79.8	53.4	1.30	39.3	77.7	3.68	49.0	75.5	1.84	12.5
YBCM 06V	6000	4	33.5	1.59	49.0	54.1	1.32	26.8	78.4	3.75	65.1	78.1	1.90	16.6
		6	42.0	1.99	74.7	64.6	1.57	36.7	94.7	4.54	43.0	92.2	2.24	10.5
YBCM 07V	7000	4	39.7	1.89	50.2	60.1	1.46	27.3	89.6	4.27	73.8	89.2	2.17	19.1
		6	50.1	2.37	82.4	74.9	1.82	40.7	109.5	5.26	49.8	106.0	2.57	12.2
YBCM 08V	8000	4	45.9	2.20	60.1	71.1	1.73	32.2	103.5	4.93	88.4	101.8	2.48	22.8
		6	56.4	2.70	41.5	84.6	2.05	20.7	125.2	5.98	58.9	121.0	2.93	14.5
YBCM 10V	10000	4	57.8	2.75	35.3	88.0	2.13	20.0	132.1	6.28	61.0	139.2	3.38	13.9
		6	72.6	3.46	78.5	106.7	2.59	38.8	166.1	7.95	128.5	166.7	4.05	27.0
YBCM 12V	12000	4	68.9	3.31	61.8	106.7	2.59	33.4	162.8	7.76	102.4	169.1	4.13	21.2
		6	84.4	4.06	42.5	126.8	3.08	21.3	194.8	9.29	68.2	198.6	4.81	14.7
YBCM15V	15000	4	85.2	4.06	72.6	132.3	3.21	39.1	204.3	9.80	114.7	211.6	5.14	25.6
		6	105.2	4.98	49.9	157.8	3.82	25.5	244.5	11.61	87.3	248.5	6.05	19.3
YBCM 18V	18000	4	106.5	5.06	39.6	171.1	4.16	15.3	247.9	11.90	160.2	254.9	6.21	35.4
		6	137.7	6.57	90.6	198.1	4.84	29.4	296.1	14.10	122.4	299.0	7.28	26.0
YBCM 20V	20000	4	119.1	5.67	45.4	196.3	4.75	17.4	276.3	13.24	182.7	283.6	6.91	40.3
		6	153.0	7.26	101.8	220.3	5.37	33.3	329.9	15.85	141.1	332.6	8.09	30.0
YBCM 22V	22000	4	131.3	6.19	44.8	210.1	5.11	17.3	304.9	14.51	181.6	312.8	7.57	40.0
		6	168.6	8.10	99.7	242.8	5.90	32.6	363.6	17.30	144.9	366.4	8.94	30.6

Notes:

1. Standard return air cooling conditions: air inlet at 27°C DB/19.5°C WB; chilled water inlet/outlet at 7°C/12°C.
2. Standard return air heating conditions: air inlet at 21°C DB; hot water inlet/outlet at 60°C/50°C.
3. Cooling conditions of fresh air unit: air inlet at 35°C DB/28°C WB; chilled water inlet/outlet at 7°C/12°C (chilled water inlet/outlet at 7°C/14°C for YBCM 28/30/33/36V 6R unit).
4. Heating conditions of fresh air unit: air inlet at 7°C DB; hot water inlet/outlet at 60°C/50°C.
5. High efficiency, DWDI forward curved fans are applied.
6. 3-phase asynchronous motors with F class IP55 insulation are applied. Power supply: 380V-3N-50Hz or 380-415V-3N-50Hz.

Model	Airflow (m³/h)	Rows	Rated External Total Pressure (Pa)	Rated Motor Power (kW)	Max. External Total Pressure (Pa)	Max. Motor Power (kW)	Dimension mm			Weight (kg)
							Length	Width	Height	GI
							25mm	25mm	25mm	
YBCM 02V	2000	4	200	0.75	690	1.1	636	816	1128	134
		6	160	0.75	610	1.1	636	816	1128	144
YBCM 03V	3000	4	200	1.1	710	2.2	636	976	1188	145
		6	160	1.1	630	2.2	636	976	1188	155
YBCM 04V	4000	4	200	1.1	680	2.2	636	1236	1328	187
		6	160	1.1	600	2.2	636	1236	1328	197
YBCM 05V	5000	4	200	1.5	705	2.2	636	1326	1392	207
		6	160	1.5	625	2.2	636	1326	1392	222
YBCM 06V	6000	4	200	1.5	620	3	636	1326	1519	218
		6	160	2.2	540	3	636	1326	1519	233
YBCM 07V	7000	4	240	2.2	685	3	716	1336	1668	249
		6	200	2.2	605	3	716	1336	1668	264
YBCM 08V	8000	4	240	2.2	760	4	716	1386	1732	259
		6	200	2.2	680	4	716	1386	1732	279
YBCM 10V	10000	4	280	3	745	5.5	846	1656	1858	332
		6	240	3	665	5.5	846	1656	1858	352
YBCM 12V	12000	4	280	3	575	5.5	846	1916	1858	364
		6	240	4	495	5.5	846	1916	1858	389
YBCM15V	15000	4	280	4	755	7.5	846	2026	1858	414
		6	240	5.5	675	7.5	846	2026	1858	444
YBCM 18V	18000	4	320	5.5	585	7.5	846	2226	1922	516
		6	280	7.5	505	7.5	846	2226	1922	551
YBCM 20V	20000	4	320	7.5	870	11	846	2316	2121	547
		6	280	7.5	790	11	846	2316	2121	587
YBCM 22V	22000	4	360	7.5	815	11	846	2316	2248	568
		6	320	7.5	735	11	846	2316	2248	613

Technical Data – Horizontal Standard Unit

Model	Airflow (m³/h)	Rows	Return Air Condition						Fresh Air Condition					
			Cooling Capacity (kW)	Water Flow Rate (L/s)	Water Pressure Drop (kPa)	Heating Capacity (kW)	Water Flow Rate (L/s)	Water Pressure Drop (kPa)	Cooling Capacity (kW)	Water Flow Rate (L/s)	Water Pressure Drop (kPa)	Heating Capacity (kW)	Water Flow Rate (L/s)	Water Pressure Drop (kPa)
YBCM 02H	2000	4	11.2	0.53	24.5	18.9	0.46	12.6	25.2	1.21	46.1	25.5	0.62	11.5
		6	14.7	0.70	54.5	22.4	0.54	25.3	30.9	1.48	71.2	32.0	0.78	16.5
YBCM 03H	3000	4	17.6	0.84	37.8	28.2	0.68	19.9	41.3	1.97	75.8	40.1	0.97	19.0
		6	22.1	1.05	84.7	33.4	0.81	40.3	47.7	2.26	53.2	47.4	1.15	13.0
YBCM 04H	4000	4	23.0	1.09	49.8	35.8	0.86	26.6	49.7	2.35	35.3	50.3	1.22	9.6
		6	27.9	1.32	35.9	42.0	1.02	17.8	63.8	3.04	65.0	61.2	1.49	16.0
YBCM 05H	5000	4	29.6	1.41	66.1	45.9	1.12	34.9	65.0	3.13	52.0	64.6	1.58	13.5
		6	36.0	1.71	44.9	53.6	1.30	22.4	81.8	3.93	86.4	77.7	1.88	20.2
YBCM 06H	6000	4	34.8	1.65	66.4	54.4	1.32	35.0	76.8	3.68	43.5	76.6	1.86	11.3
		6	43.2	2.05	47.9	63.8	1.55	23.9	97.0	4.62	92.5	92.5	2.25	22.4
YBCM 07H	7000	4	40.3	1.90	43.1	63.1	1.54	24.2	91.5	4.38	67.0	90.1	2.19	17.1
		6	51.0	2.42	74.5	74.9	1.82	36.6	110.2	5.28	54.1	106.7	2.59	13.2
YBCM 08H	8000	4	46.6	2.22	39.5	72.6	1.77	21.4	105.5	5.07	57.4	103.9	2.54	14.6
		6	59.3	2.84	64.8	86.8	2.11	31.1	126.5	6.06	38.1	122.8	3.00	9.5
YBCM 10H	10000	4	58.0	2.78	53.9	88.1	2.15	28.8	143.1	6.78	83.9	130.0	3.15	18.4
		6	71.3	3.39	86.1	108.1	2.64	41.9	174.4	8.34	57.8	153.0	3.70	11.5
YBCM 12H	12000	4	67.0	3.21	27.1	107.1	2.61	14.9	163.0	7.78	39.6	151.5	3.68	9.0
		6	89.8	4.30	63.1	129.3	3.15	30.9	206.2	9.81	84.8	184.0	4.47	17.3
YBCM 15H	15000	4	83.7	4.05	10.9	134.2	3.26	6.3	205.4	9.76	54.7	189.7	4.60	12.2
		6	101.5	4.83	8.9	158.5	3.83	5.1	248.7	11.79	46.5	222.6	5.39	9.8
YBCM 18H	18000	4	104.4	4.95	12.5	162.7	3.95	7.2	250.0	11.89	63.1	229.5	5.57	14.0
		6	126.4	5.99	8.8	191.8	4.68	4.7	302.1	14.33	42.7	268.8	6.54	8.9
YBCM 20H	20000	4	118.0	5.66	16.8	181.2	4.41	9.5	279.4	13.18	83.1	255.3	6.23	18.3
		6	144.4	6.81	12.0	213.8	5.20	6.1	337.5	16.24	56.1	299.0	7.29	11.6
YBCM 22H	22000	4	129.8	6.22	17.2	199.3	4.86	9.8	307.3	14.50	85.6	280.8	6.85	18.8
		6	158.8	7.50	12.3	235.1	5.72	6.3	371.3	17.87	57.8	328.9	8.02	12.0
YBCM 25H	25000	4	151.4	7.29	25.1	228.3	5.55	13.8	353.4	17.00	103.6	320.9	7.81	26.6
		6	185.2	8.76	17.5	269.0	6.55	8.9	426.5	20.45	82.2	375.5	9.17	16.9
YBCM 28H	28000	4	170.4	8.18	27.8	256.1	6.22	15.2	396.8	19.02	114.8	359.8	8.73	29.4
		6	208.4	9.89	19.4	301.6	7.31	9.8	478.6	22.99	90.9	421.0	10.24	18.6
YBCM 30H	30000	4	185.4	8.91	34.5	276.1	6.72	18.5	428.8	20.49	131.9	387.4	9.38	35.7
		6	226.7	10.78	23.9	324.8	7.89	11.9	516.6	24.50	101.8	452.8	10.97	22.6
YBCM 33H	33000	4	207.1	9.87	45.4	304.2	7.40	23.6	439.0	20.96	36.8	412.9	10.07	8.3
		6	251.6	11.94	30.4	358.2	8.69	15.4	570.2	27.19	141.3	498.5	12.12	28.9
YBCM 36H	36000	4	229.1	11.02	58.8	333.4	8.15	30.4	483.0	23.14	44.9	452.8	11.00	10.4
		6	278.2	13.31	39.4	392.1	9.57	19.4	625.5	29.96	179.3	545.0	13.28	36.1
YBCM 40H	40000	4	249.5	11.85	57.0	359.6	8.70	28.6	500.4	23.71	61.3	506.0	12.29	16.3
		6	302.0	14.30	45.5	412.0	10.00	20.9	610.3	20.88	92.3	595.8	14.44	42.7
YBCM 45H	45000	4	283.0	13.53	68.0	405.4	9.82	33.5	568.1	27.06	76.7	571.2	13.92	20.1
		6	341.7	16.15	54.0	464.3	11.28	24.8	690.1	23.61	110.1	671.5	16.40	50.5

Notes:

1. Standard return air cooling conditions: air inlet at 27°C DB/19.5°C WB; chilled water inlet/outlet at 7°C/12°C.
2. Standard return air heating conditions: air inlet at 21°C DB; hot water inlet/outlet at 60°C/50°C.
3. Cooling conditions of fresh air unit: air inlet at 35°C DB/28°C WB; chilled water inlet/outlet at 7°C/12°C (chilled water inlet/outlet at 7°C/14°C for YBCM 40/45H 6R unit).
4. Heating conditions of fresh air unit: air inlet at 7°C DB; hot water inlet/outlet at 60°C/50°C.
5. High efficiency, DWDI forward curved fans are applied.
6. 3-phase asynchronous motors with F class IP55 insulation are applied. Power supply: 380V-3N-50Hz or 380-415V-3N-50Hz.

Model	Airflow (m³/h)	Rows	H1				H2/H4				H3/H5			
			Rated External Total Pressure (Pa)	Rated Motor Power (kW)	Max. External Total Pressure (Pa)	Max. Motor Power (kW)	Rated External Total Pressure (Pa)	Rated Motor Power (kW)	Max. External Total Pressure (Pa)	Max. Motor Power (kW)	Rated External Total Pressure (Pa)	Rated Motor Power (kW)	Max. External Total Pressure (Pa)	Max. Motor Power (kW)
YBCM 02H	2000	4	240	0.75	810	1.1	240	0.75	730	1.1	240	0.75	650	1.1
		6	200	0.75	740	1.1	200	0.75	660	1.1	200	0.75	580	1.1
YBCM 03H	3000	4	240	0.75	790	1.5	240	1.1	710	1.5	240	1.1	630	1.5
		6	200	0.75	720	1.5	200	1.1	640	1.5	200	1.1	560	1.5
YBCM 04H	4000	4	240	1.1	800	2.2	240	1.1	720	2.2	240	1.1	640	2.2
		6	200	1.1	730	2.2	200	1.1	650	2.2	200	1.5	570	2.2
YBCM 05H	5000	4	240	1.5	785	2.2	240	1.5	705	2.2	240	1.5	625	2.2
		6	200	1.5	715	2.2	200	1.5	635	2.2	200	1.5	555	2.2
YBCM 06H	6000	4	240	1.5	690	3	240	2.2	610	3	240	2.2	530	3
		6	200	1.5	620	3	200	2.2	540	3	200	2.2	460	3
YBCM 07H	7000	4	240	1.5	785	3	240	2.2	705	3	240	2.2	625	3
		6	200	1.5	715	3	200	2.2	635	3	200	2.2	555	3
YBCM 08H	8000	4	240	2.2	840	4	240	2.2	760	4	240	2.2	680	4
		6	200	2.2	770	4	200	2.2	690	4	200	2.2	610	4
YBCM 10H	10000	4	280	2.2	865	5.5	280	3	785	5.5	280	3	705	5.5
		6	240	3	795	5.5	240	3	715	5.5	240	3	635	5.5
YBCM 12H	12000	4	280	3	655	5.5	280	3	575	5.5	280	4	495	5.5
		6	240	3	585	5.5	240	3	505	5.5	240	4	425	5.5
YBCM 15H	15000	4	360	4	900	7.5	360	5.5	820	7.5	360	5.5	740	7.5
		6	320	4	830	7.5	320	5.5	750	7.5	320	5.5	670	7.5
YBCM 18H	18000	4	360	5.5	905	11	360	5.5	825	11	360	7.5	745	11
		6	320	5.5	835	11	320	5.5	755	11	320	7.5	675	11
YBCM 20H	20000	4	400	5.5	875	11	400	7.5	795	11	400	7.5	715	11
		6	360	7.5	805	11	360	7.5	725	11	360	7.5	645	11
YBCM 22H	22000	4	400	7.5	940	11	400	7.5	860	11	400	7.5	780	11
		6	360	7.5	870	11	360	7.5	790	11	360	11	710	11
YBCM 25H	25000	4	440	7.5	875	15	440	11	795	15	440	11	715	15
		6	400	7.5	805	15	400	11	725	15	400	11	645	15
YBCM 28H	28000	4	440	11	985	15	440	11	905	15	440	11	825	15
		6	400	11	915	15	400	11	835	15	400	11	755	15
YBCM 30H	30000	4	480	11	980	18.5	480	11	900	18.5	480	15	820	18.5
		6	440	11	910	18.5	440	11	830	18.5	440	15	750	18.5
YBCM 33H	33000	4	480	11	1005	18.5	480	15	925	18.5	480	15	845	18.5
		6	440	11	935	18.5	440	15	855	18.5	440	15	775	18.5
YBCM 36H	36000	4	480	15	985	22	480	15	905	22	480	15	825	22
		6	440	15	915	22	440	15	835	22	440	15	755	22
YBCM 40H	40000	4	640	18.5	1195	30	640	18.5	1115	30	640	18.5	1035	30
		6	600	18.5	1125	30	600	18.5	1045	30	600	22	965	30
YBCM 45H	45000	4	640	18.5	1185	30	640	22	1105	30	640	22	1025	30
		6	600	18.5	1115	30	600	22	1035	30	600	22	955	30

Technical Data – Horizontal Standard Unit (Cont.)

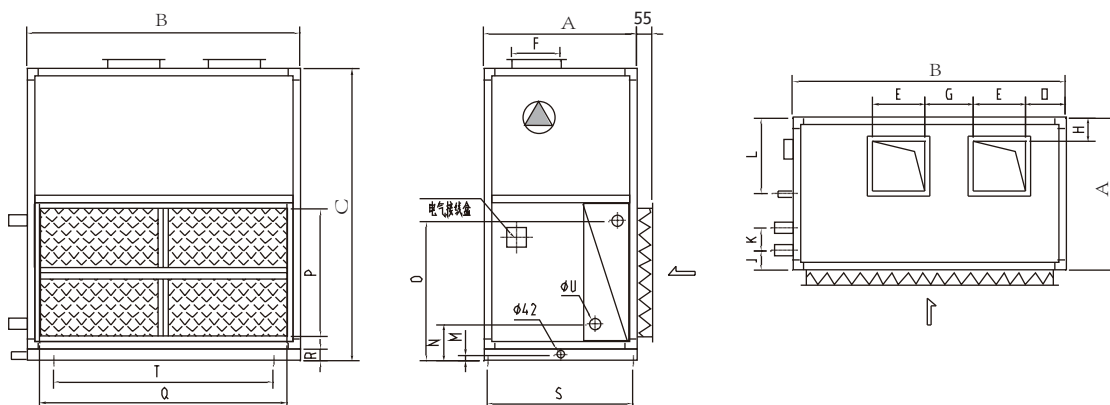
Model	Airflow (m³/h)	Rows	Dimension (mm)													
			Length										Width		Height	
			H1 25mm	H1 50mm	H2 25mm	H2 50mm	H3 25mm	H3 50mm	H4 25mm	H4 50mm	H5 25mm	H5 50mm	25mm	50mm	25mm	50mm
YBCM 02H	2000	4	1136	–	1506	–	1886	–	1806	1856	2186	2236	866	916	701	751
		6	1136	–	1506	–	1886	–	1806	1856	2186	2236	866	916	701	751
YBCM 03H	3000	4	1136	–	1506	–	1886	–	1806	1856	2186	2236	966	1016	730	780
		6	1136	–	1506	–	1886	–	1806	1856	2186	2236	966	1016	730	780
YBCM 04H	4000	4	1196	–	1566	–	1946	–	1866	1916	2246	2296	1066	1116	865	915
		6	1196	–	1566	–	1946	–	1866	1916	2246	2296	1066	1116	865	915
YBCM 05H	5000	4	1196	–	1566	–	1946	–	1866	1916	2246	2296	1116	1166	865	915
		6	1196	–	1566	–	1946	–	1866	1916	2246	2296	1116	1166	865	915
YBCM 06H	6000	4	1196	–	1666	–	2046	–	1966	2016	2346	2396	1116	1166	960	1010
		6	1196	–	1666	–	2046	–	1966	2016	2346	2396	1116	1166	960	1010
YBCM 07H	7000	4	1276	–	1746	–	2126	–	2046	2096	2426	2476	1256	1306	960	1010
		6	1276	–	1746	–	2126	–	2046	2096	2426	2476	1256	1306	960	1010
YBCM 08H	8000	4	1276	–	1746	–	2126	–	2046	2096	2426	2476	1256	1306	1090	1140
		6	1276	–	1746	–	2126	–	2046	2096	2426	2476	1256	1306	1090	1140
YBCM 10H	10000	4	1406	–	1976	–	2356	–	2276	2326	2656	2706	1366	1416	1220	1270
		6	1406	–	1976	–	2356	–	2276	2326	2656	2706	1366	1416	1220	1270
YBCM 12H	12000	4	1406	–	1976	–	2356	–	2276	2326	2656	2706	1536	1586	1220	1270
		6	1406	–	1976	–	2356	–	2276	2326	2656	2706	1536	1586	1220	1270
YBCM 15H	15000	4	1486	–	2056	–	2436	–	2356	2406	2736	2786	1676	1726	1340	1390
		6	1486	–	2056	–	2436	–	2356	2406	2736	2786	1676	1726	1340	1390
YBCM 18H	18000	4	1486	–	2056	–	2436	–	2356	2406	2736	2786	1786	1836	1470	1520
		6	1486	–	2056	–	2436	–	2356	2406	2736	2786	1786	1836	1470	1520
YBCM 20H	20000	4	1576	–	2146	–	2526	–	2446	2496	2826	2876	1956	2006	1470	1520
		6	1576	–	2146	–	2526	–	2446	2496	2826	2876	1956	2006	1470	1520
YBCM 22H	22000	4	1576	–	2246	–	2626	–	2546	2596	2926	2976	1956	2006	1600	1650
		6	1576	–	2246	–	2626	–	2546	2596	2926	2976	1956	2006	1600	1650
YBCM 25H	25000	4	1686	–	2396	–	2736	–	2696	2802	3036	3142	2186	2236	1635	1685
		6	1686	–	2396	–	2736	–	2696	2802	3036	3142	2186	2236	1635	1685
YBCM 28H	28000	4	1686	–	2396	–	2736	–	2696	2802	3036	3142	2236	2286	1765	1815
		6	1686	–	2396	–	2736	–	2696	2802	3036	3142	2236	2286	1765	1815
YBCM 30H	30000	4	1816	–	2526	–	2866	–	2826	2932	3166	3272	2376	2426	1765	1815
		6	1816	–	2526	–	2866	–	2826	2932	3166	3272	2376	2426	1765	1815
YBCM 33H	33000	4	1816	–	2526	–	2866	–	2826	2932	3166	3272	2586	2636	1765	1815
		6	1816	–	2526	–	2866	–	2826	2932	3166	3272	2586	2636	1765	1815
YBCM 36H	36000	4	1816	–	2526	–	2866	–	2826	2932	3166	3272	2796	2846	1765	1815
		6	1816	–	2526	–	2866	–	2826	2932	3166	3272	2796	2846	1765	1815
YBCM 40H	40000	4	1951	2001	2861	2961	3201	3301	–	–	–	–	2666	2716	2075	2125
		6	1951	2001	2861	2961	3201	3301	–	–	–	–	2666	2716	2075	2125
YBCM 45H	45000	4	1951	2001	2861	2961	3201	3301	–	–	–	–	2806	2856	2200	2250
		6	1951	2001	2861	2961	3201	3301	–	–	–	–	2806	2856	2200	2250

Model	Weight (kg)												
	H1 GI 25mm	H1 AL 25mm	H1 AL 50mm	H2 GI 25mm	H2 AL 25mm	H2 AL 50mm	H3 GI 25mm	H3 AL 25mm	H3 AL 50mm	H4 AL 25mm	H4 AL 50mm	H5 AL 25mm	H5 AL 50mm
YBCM 02H	137	-	-	150	-	-	164	-	-	161	183	175	202
	147	-	-	160	-	-	174	-	-	171	193	185	212
YBCM 03H	158	-	-	172	-	-	186	-	-	183	210	197	230
	168	-	-	182	-	-	196	-	-	193	220	207	240
YBCM 04H	208	-	-	224	-	-	241	-	-	237	268	254	292
	211	-	-	227	-	-	244	-	-	240	271	257	295
YBCM 05H	213	-	-	230	-	-	247	-	-	244	279	261	304
	218	-	-	235	-	-	252	-	-	249	284	266	309
YBCM 06H	234	-	-	256	-	-	273	-	-	270	309	287	334
	244	-	-	266	-	-	283	-	-	280	319	297	344
YBCM 07H	264	-	-	288	-	-	307	-	-	303	345	322	375
	274	-	-	298	-	-	317	-	-	313	355	332	385
YBCM 08H	284	-	-	309	-	-	329	-	-	325	370	345	404
	299	-	-	324	-	-	344	-	-	340	385	360	419
YBCM 10H	355	-	-	389	-	-	411	-	-	407	456	429	492
	370	-	-	404	-	-	426	-	-	422	471	444	507
YBCM 12H	386	-	-	421	-	-	445	-	-	439	491	464	532
	406	-	-	441	-	-	465	-	-	459	511	484	552
YBCM 15H	457	-	-	496	-	-	521	-	-	517	573	541	614
	477	-	-	516	-	-	541	-	-	537	593	561	634
YBCM 18H	507	-	-	549	-	-	577	-	-	571	631	599	678
	527	-	-	569	-	-	597	-	-	591	651	619	698
YBCM 20H	558	-	-	602	-	-	632	-	-	625	690	655	739
	573	-	-	617	-	-	647	-	-	640	705	670	754
YBCM 22H	589	-	-	642	-	-	673	-	-	666	733	697	785
	609	-	-	662	-	-	693	-	-	686	753	717	805
YBCM 25H	690	-	-	751	-	-	781	-	-	777	844	807	899
	710	-	-	771	-	-	801	-	-	797	864	827	919
YBCM 28H	761	-	-	825	-	-	855	-	-	852	924	882	978
	781	-	-	845	-	-	875	-	-	872	944	902	998
YBCM 30H	822	-	-	888	-	-	920	-	-	916	991	948	1050
	842	-	-	908	-	-	940	-	-	936	1011	968	1070
YBCM 33H	882	-	-	952	-	-	986	-	-	982	1061	1016	1122
	902	-	-	972	-	-	1006	-	-	1002	1081	1036	1142
YBCM 36H	923	-	-	996	-	-	1031	-	-	1027	1109	1062	1174
	983	-	-	1056	-	-	1091	-	-	1087	1169	1122	1234
YBCM 40H	-	1129	1194	-	1229	1344	-	1244	1367	-	-	-	-
	-	1249	1314	-	1349	1464	-	1364	1487	-	-	-	-
YBCM 45H	-	1240	1315	-	1365	1500	-	1384	1528	-	-	-	-
	-	1360	1435	-	1485	1620	-	1504	1648	-	-	-	-

Dimension – Vertical Standard Unit (V1)

Model	Airflow (m ³ /h)	L (mm)	W (mm)	H (mm)	Supply Air Outlet Dimension (mm)								Pipe Location Dimension (mm)	
		A	B	C	D	E	F	G	H				J	
		25mm	25mm	25mm	25mm				A Method	B Method	C Method	D Method	4R	6R
									25mm	25mm	25mm	25mm	25mm	25mm
YBCM 02V	2000	636	816	1128	141	232	262	-	78	78	90	284	129	135
YBCM 03V	3000	636	976	1188	208	232	262	-	76	76	88	286	129	135
YBCM 04V	4000	636	1236	1328	263	309	341	-	80	80	76	219	129	135
YBCM 05V	5000	636	1326	1392	263	309	341	-	80	80	76	219	129	135
YBCM 06V	6000	636	1326	1519	263	395	341	-	80	80	76	219	129	135
YBCM 07V	7000	716	1336	1668	263	373	404	-	76	76	76	236	118	135
YBCM 08V	8000	716	1386	1732	348	373	404	-	76	76	76	236	118	135
YBCM 10V	10000	846	1656	1858	508	430	478	-	76	76	76	292	114	135
YBCM 12V	12000	846	1916	1858	608	557	478	-	76	76	76	292	118	135
YBCM 15V	15000	846	2026	1858	258	373	404	294	76	76	108	334	114	135
YBCM 18V	18000	846	2226	1922	198	471	404	384	76	76	108	334	106	121
YBCM 20V	20000	846	2316	2121	278	430	478	343	76	76	76	292	106	121
YBCM 22V	22000	846	2316	2248	278	430	478	343	76	76	76	292	106	121

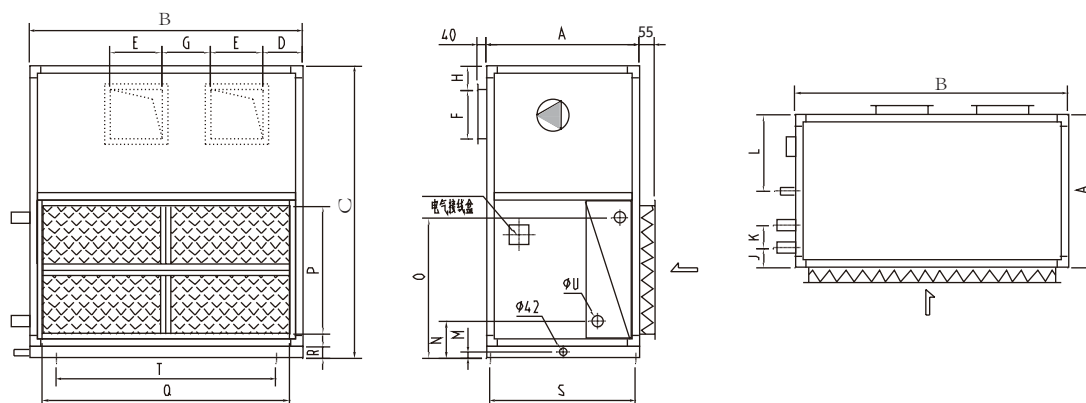
Vertical Standard Unit (V1) – Top Outlet



Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Pipe Location Dimension (mm)								Air Inlet Dimension (mm)		Base Height (mm)	Installation Location Dimension (mm)		Coil Connection Pipe mm (inch)			
	K		L	M	N		O		P	Q	R	S	T	U			
	4R	6R			4R	6R	4R	6R						4 Rows		6 Rows	
	25mm	25mm	25mm		25mm	25mm	25mm	25mm						Return Air	Fresh Air	Return Air	Fresh Air
YBCM 02V	66	110	318	33	163	163	500	499	391	654	65	596	322	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")
YBCM 03V	66	110	318	33	166	167	572	572	455	814	65	596	482	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")
YBCM 04V	66	110	318	33	163	156	575	583	455	1074	65	596	742	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")
YBCM 05V	66	110	318	33	162	168	640	634	518	1164	65	596	832	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")
YBCM 06V	66	110	318	33	158	165	760	762	645	1164	65	596	832	Ø48(1-1/2")	Ø60(2")	Ø60(2")	Ø76(2-1/2")
YBCM 07V	88	110	358	33	172	172	821	821	709	1174	65	676	842	Ø60(2")	Ø60(2")	Ø60(2")	Ø76(2-1/2")
YBCM 08V	88	110	358	33	168	176	888	880	772	1224	65	676	892	Ø60(2")	Ø60(2")	Ø76(2-1/2")	Ø76(2-1/2")
YBCM 10V	96	110	423	33	168	176	888	880	772	1494	65	806	1162	Ø60(2")	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")
YBCM 12V	88	110	423	33	168	176	888	880	772	1754	65	806	1422	Ø60(2")	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")
YBCM 15V	96	110	423	33	176	182	1006	1006	899	1864	65	806	1532	Ø76(2-1/2")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 18V	112	138	423	33	179	184	1067	1063	963	2064	65	806	1732	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 20V	112	138	423	33	179	184	1131	1126	1026	2154	65	806	1822	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 22V	112	138	423	33	179	184	1258	1253	1153	2154	65	806	1822	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")

Vertical Standard Unit (V1) – Front Outlet

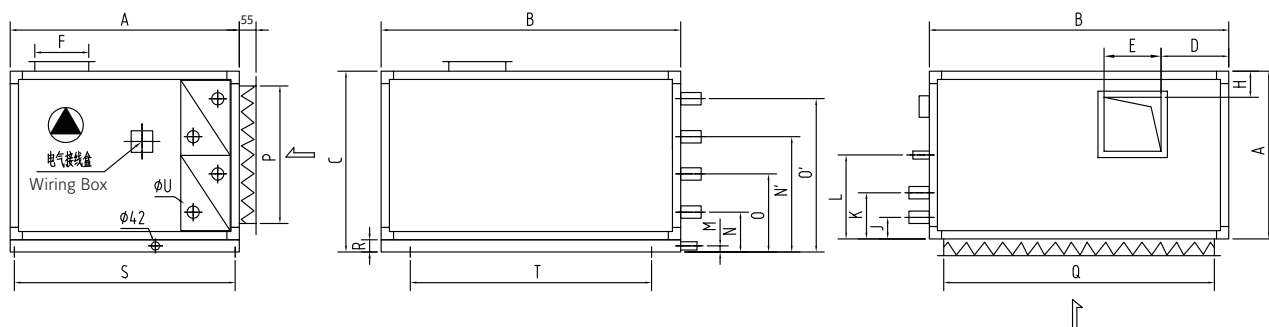


Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Dimension – Horizontal Standard Unit (H1)

Model	Airflow (m³/h)	L (mm)		W (mm)		H (mm)		Supply Air Outlet Dimension (mm)							
		A		B		C		D		E	F	H			
		25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm			A Method		B Method	
												25mm	50mm	25mm	50mm
YBCM 02H	2000	1136	-	866	-	701	-	171	-	232	262	358	-	278	-
YBCM 03H	3000	1136	-	966	-	730	-	188	-	232	262	393	-	303	-
YBCM 04H	4000	1196	-	1066	-	865	-	168	-	309	341	450	-	268	-
YBCM 05H	5000	1196	-	1116	-	865	-	178	-	309	341	450	-	268	-
YBCM 06H	6000	1196	-	1116	-	960	-	178	-	395	341	450	-	268	-
YBCM 07H	7000	1276	-	1256	-	960	-	228	-	373	404	475	-	268	-
YBCM 08H	8000	1276	-	1256	-	1090	-	228	-	373	404	475	-	268	-
YBCM 10H	10000	1406	-	1366	-	1220	-	238	-	430	478	531	-	268	-
YBCM 12H	12000	1406	-	1536	-	1220	-	358	-	557	478	531	-	268	-
YBCM 15H	15000	1486	-	1676	-	1340	-	308	-	568	568	516	-	268	-
YBCM 18H	18000	1486	-	1786	-	1470	-	408	-	568	568	516	-	268	-
YBCM 20H	20000	1576	-	1956	-	1470	-	460	-	638	638	538	-	268	-
YBCM 22H	22000	1576	-	1956	-	1600	-	460	-	638	638	538	-	268	-
YBCM 25H	25000	1686	-	2186	-	1635	-	510	-	714	714	608	-	303	-
YBCM 28H	28000	1686	-	2236	-	1765	-	525	-	714	714	608	-	303	-
YBCM 30H	30000	1816	-	2376	-	1765	-	545	-	800	800	649	-	303	-
YBCM 33H	33000	1816	-	2586	-	1765	-	696	-	800	800	647	-	306	-
YBCM 36H	36000	1816	-	2796	-	1765	-	749	-	800	800	647	-	306	-
YBCM 40H	40000	1951	2001	2666	2716	2075	2125	724	749	897	897	643	668	266	291
YBCM 45H	45000	1951	2001	2806	2856	2200	2250	839	864	897	897	643	668	266	291

Horizontal Standard Unit (H1) – Top Outlet



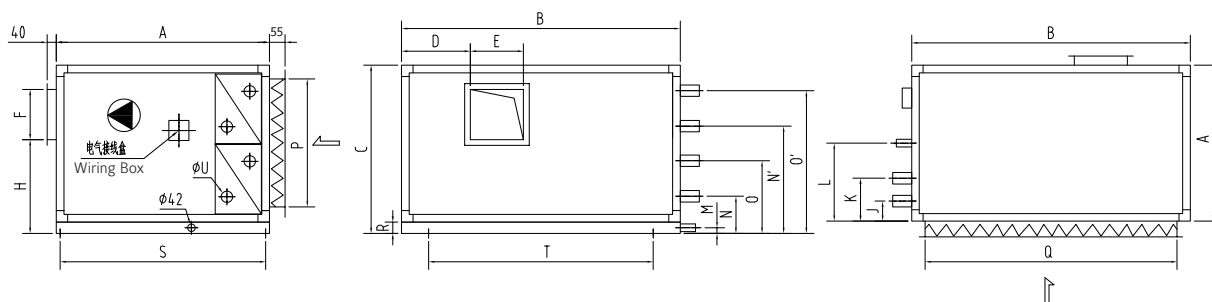
Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Supply Air Outlet Dimension (mm)				Pipe Location Dimension (mm)							
	H				J				K			
	C Method		D Method		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	87	-	199	-	140	-	145	-	206	-	255	-
YBCM 03H	87	-	199	-	140	-	145	-	206	-	255	-
YBCM 04H	87	-	230	-	140	-	145	-	206	-	255	-
YBCM 05H	87	-	230	-	140	-	145	-	206	-	255	-
YBCM 06H	87	-	230	-	128	-	145	-	216	-	255	-
YBCM 07H	80	-	287	-	128	-	145	-	216	-	255	-
YBCM 08H	80	-	287	-	125	-	145	-	221	-	255	-
YBCM 10H	75	-	385	-	125	-	145	-	221	-	255	-
YBCM 12H	75	-	385	-	117	-	145	-	229	-	255	-
YBCM 15H	62	-	315	-	117	-	132	-	229	-	269	-
YBCM 18H	62	-	315	-	117	-	132	-	229	-	269	-
YBCM 20H	62	-	337	-	117	-	132	-	229	-	269	-
YBCM 22H	62	-	337	-	117	-	132	-	229	-	269	-
YBCM 25H	62	-	372	-	117	-	132	-	229	-	269	-
YBCM 28H	62	-	372	-	117	-	132	-	229	-	269	-
YBCM 30H	62	-	412	-	117	-	132	-	229	-	269	-
YBCM 33H	62	-	412	-	117	-	132	-	229	-	269	-
YBCM 36H	62	-	412	-	117	-	132	-	229	-	269	-
YBCM 40H	62	87	477	502	117	142	132	157	229	254	269	294
YBCM 45H	62	87	477	502	117	142	132	157	229	254	269	294

Dimension – Horizontal Standard Unit (H1) (Cont.)

Model	Pipe Location Dimension (mm)																			
	L		M		N				N'				O				O'			
					4 Rows		6 Rows		4 Rows		6 Rows		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	316	-	30	-	175	-	175	-	-	-	-	-	461	-	461	-	-	-	-	-
YBCM 03H	316	-	30	-	168	-	168	-	-	-	-	-	582	-	582	-	-	-	-	-
YBCM 04H	316	-	30	-	174	-	174	-	-	-	-	-	679	-	679	-	-	-	-	-
YBCM 05H	316	-	30	-	181	-	181	-	-	-	-	-	705	-	705	-	-	-	-	-
YBCM 06H	316	-	30	-	174	-	174	-	-	-	-	-	820	-	820	-	-	-	-	-
YBCM 07H	316	-	30	-	174	-	174	-	-	-	-	-	820	-	820	-	-	-	-	-
YBCM 08H	316	-	30	-	181	-	181	-	-	-	-	-	953	-	953	-	-	-	-	-
YBCM 10H	316	-	30	-	174	-	174	-	-	-	-	-	1074	-	1074	-	-	-	-	-
YBCM 12H	316	-	30	-	174	-	174	-	-	-	-	-	1074	-	1074	-	-	-	-	-
YBCM 15H	316	-	30	-	174	-	174	-	-	-	-	-	1200	-	1199	-	-	-	-	-
YBCM 18H	316	-	30	-	174	-	174	-	-	-	-	-	1330	-	1329	-	-	-	-	-
YBCM 20H	316	-	30	-	174	-	174	-	-	-	-	-	1330	-	1329	-	-	-	-	-
YBCM 22H	316	-	30	-	175	-	174	-	-	-	-	-	1459	-	1458	-	-	-	-	-
YBCM 25H	316	-	63	-	210	-	209	-	-	-	-	-	1494	-	1493	-	-	-	-	-
YBCM 28H	316	-	63	-	209	-	209	-	-	-	-	-	1625	-	1624	-	-	-	-	-
YBCM 30H	316	-	63	-	209	-	209	-	-	-	-	-	1625	-	1624	-	-	-	-	-
YBCM 33H	316	-	63	-	209	-	209	-	-	-	-	-	1625	-	1626	-	-	-	-	-
YBCM 36H	316	-	63	-	209	-	209	-	-	-	-	-	1625	-	1626	-	-	-	-	-
YBCM 40H	319	344	65	63	217	242	217	242	1157	1182	1157	1182	985	1010	985	1010	1925	1950	1925	1950
YBCM 45H	319	344	65	63	217	242	217	242	1221	1246	1221	1246	1049	1074	1049	1074	2052	2077	2052	2077

Horizontal Standard Unit (H1) – Front Outlet



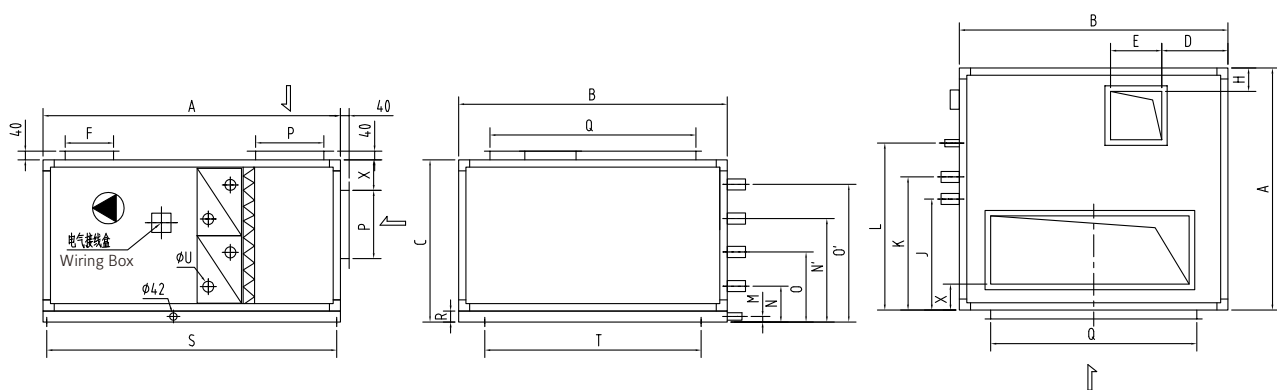
Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Air Inlet Dimension (mm)		Base Height (mm)	Installation Location Dimension (mm)				Coil Connection Pipe mm (inch)				
	P	Q		R	S		T		U			
									4 Rows		6 Rows	
					25mm	50mm	25mm	50mm	Return Air	Fresh Air	Return Air	Fresh Air
YBCM 02H	490	704	65	1096	–	276	–	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	
YBCM 03H	519	804	65	1096	–	376	–	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	
YBCM 04H	654	904	65	1156	–	476	–	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")	
YBCM 05H	654	954	65	1156	–	526	–	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")	
YBCM 06H	749	954	65	1156	–	526	–	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")	
YBCM 07H	749	1094	65	1236	–	666	–	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")	
YBCM 08H	879	1094	65	1236	–	666	–	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 10H	1009	1204	65	1366	–	776	–	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 12H	1009	1374	65	1366	–	946	–	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")	
YBCM 15H	1129	1514	65	1446	–	1086	–	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")	
YBCM 18H	1259	1624	65	1446	–	1196	–	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 20H	1259	1794	65	1536	–	1366	–	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 22H	1389	1794	65	1536	–	1366	–	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 25H	1389	2024	100	1638	–	1588	–	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 28H	1519	2074	100	1638	–	1638	–	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 30H	1519	2214	100	1768	–	1778	–	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 33H	1519	2424	100	1768	–	1988	–	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")	
YBCM 36H	1519	2634	100	1768	–	2198	–	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")	
YBCM 40H	1829	2498	100	1897	1907	2262	2272	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	
YBCM 45H	1954	2638	100	1897	1907	2402	2412	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	

Dimension – Horizontal Standard Unit (H2)

Model	Airflow (m³/h)	L (mm)		W (mm)		H (mm)		Supply Air Outlet Dimension (mm)							
		A		B		C		D		E	F	H			
		25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm			A Method		B Method	
												25mm	50mm	25mm	50mm
YBCM 02H	2000	1506	-	866	-	701	-	171	-	232	262	358	-	278	-
YBCM 03H	3000	1506	-	966	-	730	-	188	-	232	262	393	-	303	-
YBCM 04H	4000	1566	-	1066	-	865	-	168	-	309	341	450	-	268	-
YBCM 05H	5000	1566	-	1116	-	865	-	178	-	309	341	450	-	268	-
YBCM 06H	6000	1666	-	1116	-	960	-	178	-	395	341	450	-	268	-
YBCM 07H	7000	1746	-	1256	-	960	-	228	-	373	404	475	-	268	-
YBCM 08H	8000	1746	-	1256	-	1090	-	228	-	373	404	475	-	268	-
YBCM 10H	10000	1976	-	1366	-	1220	-	238	-	430	478	531	-	268	-
YBCM 12H	12000	1976	-	1536	-	1220	-	358	-	557	478	531	-	268	-
YBCM 15H	15000	2056	-	1676	-	1340	-	308	-	568	568	516	-	268	-
YBCM 18H	18000	2056	-	1786	-	1470	-	408	-	568	568	516	-	268	-
YBCM 20H	20000	2146	-	1956	-	1470	-	460	-	638	638	538	-	268	-
YBCM 22H	22000	2246	-	1956	-	1600	-	460	-	638	638	538	-	268	-
YBCM 25H	25000	2396	-	2186	-	1635	-	510	-	714	714	608	-	303	-
YBCM 28H	28000	2396	-	2236	-	1765	-	525	-	714	714	608	-	303	-
YBCM 30H	30000	2526	-	2376	-	1765	-	545	-	800	800	649	-	303	-
YBCM 33H	33000	2526	-	2586	-	1765	-	696	-	800	800	647	-	306	-
YBCM 36H	36000	2526	-	2796	-	1765	-	749	-	800	800	647	-	306	-
YBCM 40H	40000	2861	2961	2666	2716	2075	2125	724	749	897	897	643	668	266	291
YBCM 45H	45000	2861	2961	2806	2856	2200	2250	839	864	897	897	643	668	266	291

Horizontal Standard Unit (H2) – Top Outlet



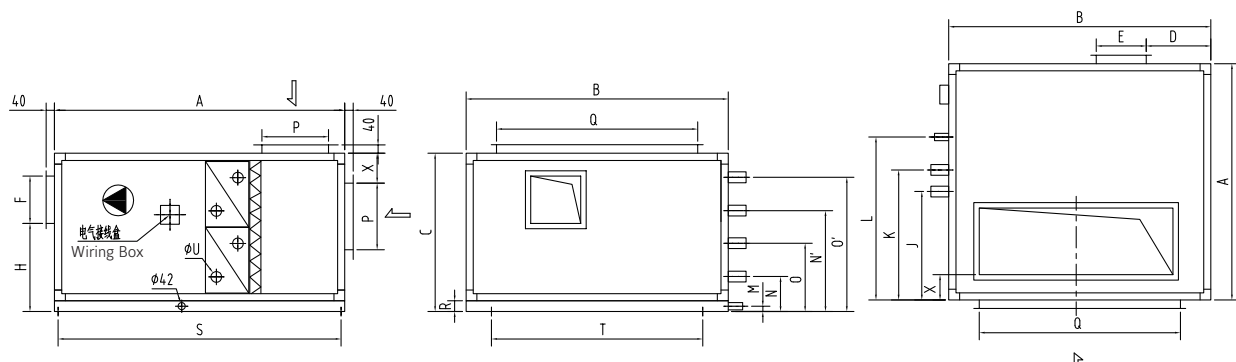
Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Supply Air Outlet Dimension (mm)				Pipe Location Dimension (mm)							
	H				J				K			
	C Method		D Method		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	87	-	199	-	510	-	515	-	576	-	625	-
YBCM 03H	87	-	199	-	510	-	515	-	576	-	625	-
YBCM 04H	87	-	230	-	510	-	515	-	576	-	625	-
YBCM 05H	87	-	230	-	510	-	515	-	576	-	625	-
YBCM 06H	87	-	230	-	598	-	615	-	686	-	725	-
YBCM 07H	80	-	287	-	598	-	615	-	686	-	725	-
YBCM 08H	80	-	287	-	595	-	615	-	691	-	725	-
YBCM 10H	75	-	385	-	695	-	715	-	791	-	825	-
YBCM 12H	75	-	385	-	687	-	715	-	799	-	825	-
YBCM 15H	62	-	315	-	687	-	701.5	-	799	-	839	-
YBCM 18H	62	-	315	-	687	-	701.5	-	799	-	839	-
YBCM 20H	62	-	337	-	687	-	701.5	-	799	-	839	-
YBCM 22H	62	-	337	-	787	-	801.5	-	899	-	939	-
YBCM 25H	62	-	372	-	827	-	841.5	-	939	-	979	-
YBCM 28H	62	-	372	-	827	-	841.5	-	939	-	979	-
YBCM 30H	62	-	412	-	827	-	841.5	-	939	-	979	-
YBCM 33H	62	-	412	-	827	-	841.5	-	939	-	979	-
YBCM 36H	62	-	412	-	827	-	841.5	-	939	-	979	-
YBCM 40H	62	87	477	502	1027	1102	1042	1117	1139	1214	1179	1254
YBCM 45H	62	87	477	502	1027	1102	1042	1117	1139	1214	1179	1254

Dimension – Horizontal Standard Unit (H2) (Cont.)

Model	Pipe Location Dimension (mm)															
	L		M		N				N'				O			
					4 Rows		6 Rows		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	686	-	30	-	175	-	175	-	-	-	-	-	461	-	461	-
YBCM 03H	686	-	30	-	168	-	168	-	-	-	-	-	582	-	582	-
YBCM 04H	686	-	30	-	174	-	174	-	-	-	-	-	679	-	679	-
YBCM 05H	686	-	30	-	181	-	181	-	-	-	-	-	705	-	705	-
YBCM 06H	786	-	30	-	174	-	174	-	-	-	-	-	820	-	820	-
YBCM 07H	786	-	30	-	174	-	174	-	-	-	-	-	820	-	820	-
YBCM 08H	786	-	30	-	181	-	181	-	-	-	-	-	953	-	953	-
YBCM 10H	886	-	30	-	174	-	174	-	-	-	-	-	1074	-	1074	-
YBCM 12H	886	-	30	-	174	-	174	-	-	-	-	-	1074	-	1074	-
YBCM 15H	886	-	30	-	174	-	174	-	-	-	-	-	1200	-	1199	-
YBCM 18H	886	-	30	-	174	-	174	-	-	-	-	-	1330	-	1329	-
YBCM 20H	886	-	30	-	174	-	174	-	-	-	-	-	1330	-	1329	-
YBCM 22H	986	-	30	-	175	-	174	-	-	-	-	-	1459	-	1458	-
YBCM 25H	1026	-	63	-	210	-	209	-	-	-	-	-	1494	-	1493	-
YBCM 28H	1026	-	63	-	209	-	209	-	-	-	-	-	1625	-	1624	-
YBCM 30H	1026	-	63	-	209	-	209	-	-	-	-	-	1625	-	1624	-
YBCM 33H	1026	-	63	-	209	-	209	-	-	-	-	-	1625	-	1626	-
YBCM 36H	1026	-	63	-	209	-	209	-	-	-	-	-	1625	-	1626	-
YBCM 40H	1235	1312	63	63	217	242	217	242	1157	1182	1157	1182	985	1010	985	1010
YBCM 45H	1235	1312	63	63	217	242	217	242	1221	1246	1221	1246	1049	1074	1049	1074

Horizontal Standard Unit (H2) – Front Outlet



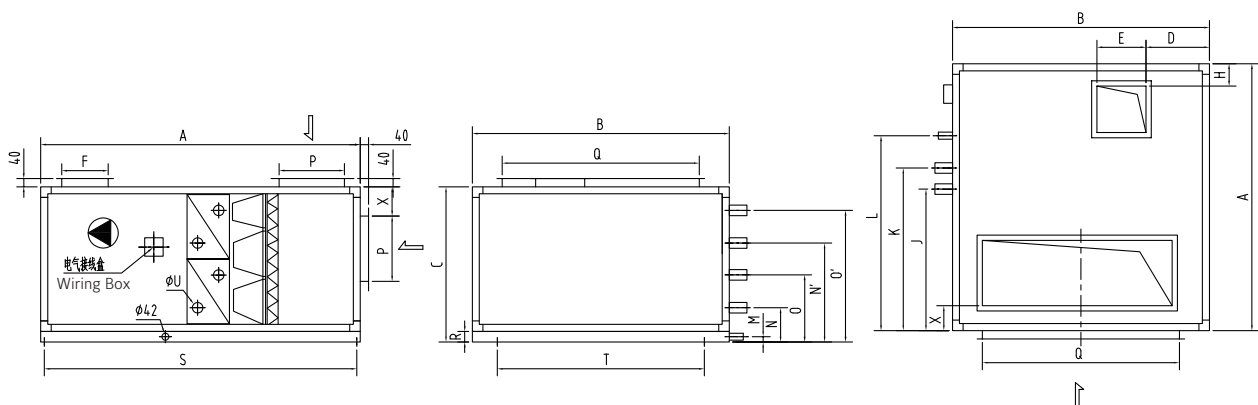
Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Pipe Location Dimension (mm)				Air Inlet Dimension (mm)				Base Height (mm)	Installation Location Dimension (mm)				Coil Connection Pipe mm (inch)				
	O'				P	Q	X			R	S		T		U			
	4 Rows		6 Rows												4 Rows		6 Rows	
	25mm	50mm	25mm	50mm			25mm	50mm			25mm	50mm	25mm	50mm	25mm	50mm	Return Air	Fresh Air
YBCM 02H	-	-	-	-	200	780	43	-	65	1466	-	276	-	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	
YBCM 03H	-	-	-	-	200	880	43	-	65	1466	-	376	-	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	
YBCM 04H	-	-	-	-	200	980	43	-	65	1526	-	476	-	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")	
YBCM 05H	-	-	-	-	200	1030	43	-	65	1526	-	526	-	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")	
YBCM 06H	-	-	-	-	200	1030	43	-	65	1626	-	526	-	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")	
YBCM 07H	-	-	-	-	200	1170	43	-	65	1706	-	666	-	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")	
YBCM 08H	-	-	-	-	300	1170	43	-	65	1706	-	666	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 10H	-	-	-	-	300	1280	43	-	65	1936	-	776	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 12H	-	-	-	-	300	1450	43	-	65	1936	-	946	-	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")	
YBCM 15H	-	-	-	-	400	1590	43	-	65	2016	-	1086	-	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")	
YBCM 18H	-	-	-	-	400	1700	43	-	65	2016	-	1196	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 20H	-	-	-	-	400	1870	43	-	65	2106	-	1366	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 22H	-	-	-	-	500	1870	43	-	65	2206	-	1366	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 25H	-	-	-	-	500	2100	43	-	100	2356	-	1588	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 28H	-	-	-	-	500	2150	43	-	100	2356	-	1638	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 30H	-	-	-	-	500	2290	43	-	100	2486	-	1778	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")	
YBCM 33H	-	-	-	-	500	2500	43	-	100	2486	-	1988	-	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")	
YBCM 36H	-	-	-	-	500	2710	43	-	100	2486	-	2198	-	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")	
YBCM 40H	1925	1950	1925	1950	600	2574	43	68	100	2807	2817	2262	2272	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	
YBCM 45H	2052	2077	2052	2077	600	2714	43	68	100	2807	2817	2402	2412	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	

Dimension – Horizontal Standard Unit (H3)

Model	Airflow (m³/h)	L (mm)		W (mm)		H (mm)		Supply Air Outlet Dimension (mm)							
		A		B		C		D		E	F	H			
		25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm			A Method		B Method	
												25mm	50mm	25mm	50mm
YBCM 02H	2000	1886	-	866	-	701	-	171	-	232	262	358	-	278	-
YBCM 03H	3000	1886	-	966	-	730	-	188	-	232	262	393	-	303	-
YBCM 04H	4000	1946	-	1066	-	865	-	168	-	309	341	450	-	268	-
YBCM 05H	5000	1946	-	1116	-	865	-	178	-	309	341	450	-	268	-
YBCM 06H	6000	2046	-	1116	-	960	-	178	-	395	341	450	-	268	-
YBCM 07H	7000	2126	-	1256	-	960	-	228	-	373	404	475	-	268	-
YBCM 08H	8000	2126	-	1256	-	1090	-	228	-	373	404	475	-	268	-
YBCM 10H	10000	2356	-	1366	-	1220	-	238	-	430	478	531	-	268	-
YBCM 12H	12000	2356	-	1536	-	1220	-	358	-	557	478	531	-	268	-
YBCM 15H	15000	2436	-	1676	-	1340	-	308	-	568	568	516	-	268	-
YBCM 18H	18000	2436	-	1786	-	1470	-	408	-	568	568	516	-	268	-
YBCM 20H	20000	2526	-	1956	-	1470	-	460	-	638	638	538	-	268	-
YBCM 22H	22000	2626	-	1956	-	1600	-	460	-	638	638	538	-	268	-
YBCM 25H	25000	2736	-	2186	-	1635	-	510	-	714	714	608	-	303	-
YBCM 28H	28000	2736	-	2236	-	1765	-	525	-	714	714	608	-	303	-
YBCM 30H	30000	2866	-	2376	-	1765	-	545	-	800	800	649	-	303	-
YBCM 33H	33000	2866	-	2586	-	1765	-	696	-	800	800	647	-	306	-
YBCM 36H	36000	2866	-	2796	-	1765	-	749	-	800	800	647	-	306	-
YBCM 40H	40000	3201	3301	2666	2716	2075	2125	724	749	897	897	643	668	266	291
YBCM 45H	45000	3201	3301	2806	2856	2200	2250	839	864	897	897	643	668	266	291

Horizontal Standard Unit (H3) – Top Outlet



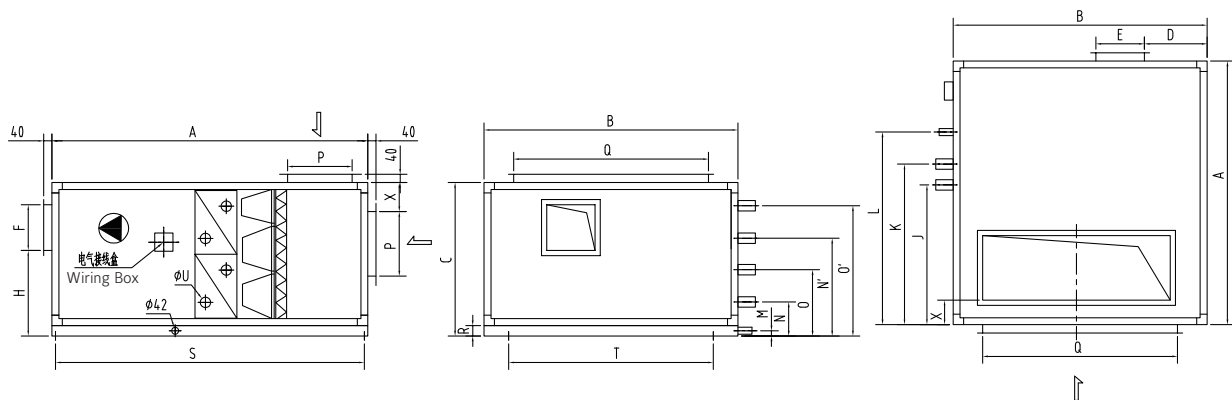
Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Supply Air Outlet Dimension (mm)				Pipe Location Dimension (mm)							
	H				J				K			
	C Method		D Method		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	87	-	199	-	890	-	895	-	956	-	1005	-
YBCM 03H	87	-	199	-	890	-	895	-	956	-	1005	-
YBCM 04H	87	-	230	-	890	-	895	-	956	-	1005	-
YBCM 05H	87	-	230	-	890	-	895	-	956	-	1005	-
YBCM 06H	87	-	230	-	978	-	995	-	1066	-	1105	-
YBCM 07H	80	-	287	-	978	-	995	-	1066	-	1105	-
YBCM 08H	80	-	287	-	975	-	995	-	1071	-	1105	-
YBCM 10H	75	-	385	-	1075	-	1095	-	1171	-	1205	-
YBCM 12H	75	-	385	-	1067	-	1095	-	1179	-	1205	-
YBCM 15H	62	-	315	-	1067	-	1081.5	-	1179	-	1219	-
YBCM 18H	62	-	315	-	1067	-	1081.5	-	1179	-	1219	-
YBCM 20H	62	-	337	-	1067	-	1081.5	-	1179	-	1219	-
YBCM 22H	62	-	337	-	1167	-	1181.5	-	1279	-	1319	-
YBCM 25H	62	-	372	-	1167	-	1181.5	-	1279	-	1319	-
YBCM 28H	62	-	372	-	1167	-	1181.5	-	1279	-	1319	-
YBCM 30H	62	-	412	-	1167	-	1181.5	-	1279	-	1319	-
YBCM 33H	62	-	412	-	1167	-	1181.5	-	1279	-	1319	-
YBCM 36H	62	-	412	-	1167	-	1181.5	-	1279	-	1319	-
YBCM 40H	62	87	477	502	1367	1442	1382	1457	1479	1554	1519	1594
YBCM 45H	62	87	477	502	1367	1442	1382	1457	1479	1554	1519	1594

Dimension – Horizontal Standard Unit (H3) (Cont.)

Model	Pipe Location Dimension (mm)															
	L		M		N				N'				O			
					4 Rows		6 Rows		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	1066	-	30	-	175	-	175	-	-	-	-	-	461	-	461	-
YBCM 03H	1066	-	30	-	168	-	168	-	-	-	-	-	582	-	582	-
YBCM 04H	1066	-	30	-	174	-	174	-	-	-	-	-	679	-	679	-
YBCM 05H	1066	-	30	-	181	-	181	-	-	-	-	-	705	-	705	-
YBCM 06H	1166	-	30	-	174	-	174	-	-	-	-	-	820	-	820	-
YBCM 07H	1166	-	30	-	174	-	174	-	-	-	-	-	820	-	820	-
YBCM 08H	1166	-	30	-	181	-	181	-	-	-	-	-	953	-	953	-
YBCM 10H	1266	-	30	-	174	-	174	-	-	-	-	-	1074	-	1074	-
YBCM 12H	1266	-	30	-	174	-	174	-	-	-	-	-	1074	-	1074	-
YBCM 15H	1266	-	30	-	174	-	174	-	-	-	-	-	1200	-	1199	-
YBCM 18H	1266	-	30	-	174	-	174	-	-	-	-	-	1330	-	1329	-
YBCM 20H	1266	-	30	-	174	-	174	-	-	-	-	-	1330	-	1329	-
YBCM 22H	1366	-	30	-	175	-	174	-	-	-	-	-	1459	-	1458	-
YBCM 25H	1366	-	63	-	210	-	209	-	-	-	-	-	1494	-	1493	-
YBCM 28H	1366	-	63	-	209	-	209	-	-	-	-	-	1625	-	1624	-
YBCM 30H	1366	-	63	-	209	-	209	-	-	-	-	-	1625	-	1624	-
YBCM 33H	1366	-	63	-	209	-	209	-	-	-	-	-	1625	-	1626	-
YBCM 36H	1366	-	63	-	209	-	209	-	-	-	-	-	1625	-	1626	-
YBCM 40H	1575	1652	63	63	217	242	217	242	1157	1182	1157	1182	985	1010	985	1010
YBCM 45H	1575	1652	63	63	217	242	217	242	1221	1246	1221	1246	1049	1074	1049	1074

Horizontal Standard Unit (H3) – Front Outlet



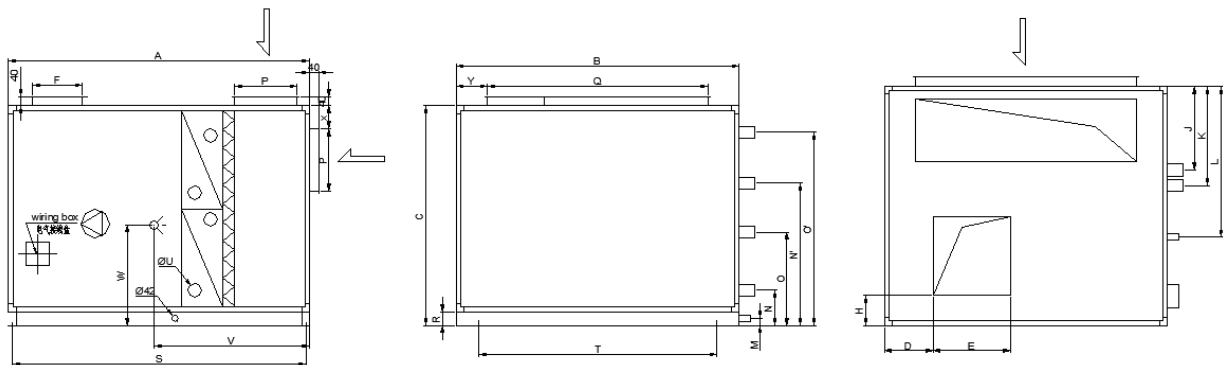
Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Pipe Location Dimension (mm)				Air Inlet Dimension (mm)				Base Height (mm)	Installation Location Dimension (mm)				Coil Connection Pipe mm (inch)			
	O'				P	Q	X			R	S		T		U		
	4 Rows		6 Rows						4 Rows						6 Rows		
	25mm	50mm	25mm	50mm			25mm	50mm	25mm		50mm	25mm	50mm	25mm	50mm	Return Air	Fresh Air
YBCM 02H	-	-	-	-	200	780	43	-	65	1846	-	276	-	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")
YBCM 03H	-	-	-	-	200	880	43	-	65	1846	-	376	-	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/3")
YBCM 04H	-	-	-	-	200	980	43	-	65	1906	-	476	-	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")
YBCM 05H	-	-	-	-	200	1030	43	-	65	1906	-	526	-	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")
YBCM 06H	-	-	-	-	200	1030	43	-	65	2006	-	526	-	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")
YBCM 07H	-	-	-	-	200	1170	43	-	65	2086	-	666	-	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")
YBCM 08H	-	-	-	-	300	1170	43	-	65	2086	-	666	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 10H	-	-	-	-	300	1280	43	-	65	2316	-	776	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 12H	-	-	-	-	300	1450	43	-	65	2316	-	946	-	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 15H	-	-	-	-	400	1590	43	-	65	2396	-	1086	-	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 18H	-	-	-	-	400	1700	43	-	65	2396	-	1196	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 20H	-	-	-	-	400	1870	43	-	65	2486	-	1366	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 22H	-	-	-	-	500	1870	43	-	65	2586	-	1366	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 25H	-	-	-	-	500	2100	43	-	100	2696	-	1588	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 28H	-	-	-	-	500	2150	43	-	100	2696	-	1638	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 30H	-	-	-	-	500	2290	43	-	100	2826	-	1778	-	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 33H	-	-	-	-	500	2500	43	-	100	2826	-	1988	-	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 36H	-	-	-	-	500	2710	43	-	100	2826	-	2198	-	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 40H	1925	1950	1925	1950	600	2574	43	68	100	3153	2817	2262	2272	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")
YBCM 45H	2052	2077	2052	2077	600	2714	43	68	100	3152	2817	2402	2412	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")	Ø76(2-1/2")

Dimension – Horizontal Standard Unit (H4)

Model	Airflow (m³/h)	L (mm)		W (mm)		H (mm)		Supply Air Outlet Dimension (mm)							
		A		B		C		D		E	F	H			
												A Method		B Method	
		25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm			25mm	50mm	25mm	50mm
YBCM 02H	2000	1806	1856	866	916	701	751	171	196	232	262	358	383	278	303
YBCM 03H	3000	1806	1856	966	1016	730	780	188	213	232	262	393	418	303	328
YBCM 04H	4000	1866	1916	1066	1116	865	915	168	193	309	341	450	475	268	293
YBCM 05H	5000	1866	1916	1116	1166	865	915	178	203	309	341	450	475	268	293
YBCM 06H	6000	1966	2016	1116	1166	960	1010	178	203	395	341	450	475	268	293
YBCM 07H	7000	2046	2096	1256	1306	960	1010	228	253	373	404	475	500	268	293
YBCM 08H	8000	2046	2096	1256	1306	1090	1140	228	253	373	404	475	500	268	293
YBCM 10H	10000	2276	2326	1366	1416	1220	1270	238	263	430	478	531	556	268	293
YBCM 12H	12000	2276	2326	1536	1586	1220	1270	358	383	557	478	531	556	268	293
YBCM 15H	15000	2356	2406	1676	1726	1340	1390	308	334	568	568	516	541	268	293
YBCM 18H	18000	2356	2406	1786	1836	1470	1520	408	434	568	568	516	541	268	293
YBCM 20H	20000	2446	2496	1956	2006	1470	1520	460	486	638	638	538	563	268	293
YBCM 22H	22000	2546	2596	1956	2006	1600	1650	460	486	638	638	538	563	268	293
YBCM 25H	25000	2696	2802	2186	2236	1635	1685	510	536	714	714	608	633	303	328
YBCM 28H	28000	2696	2802	2236	2286	1765	1815	525	551	714	714	608	633	303	328
YBCM 30H	30000	2826	2932	2376	2426	1765	1815	545	571	800	800	649	674	303	328
YBCM 33H	33000	2826	2932	2586	2636	1765	1815	696	722	800	800	647	672	306	331
YBCM 36H	36000	2826	2932	2796	2846	1765	1815	749	775	800	800	647	672	306	331

Horizontal Standard Unit (H4) – Top Outlet



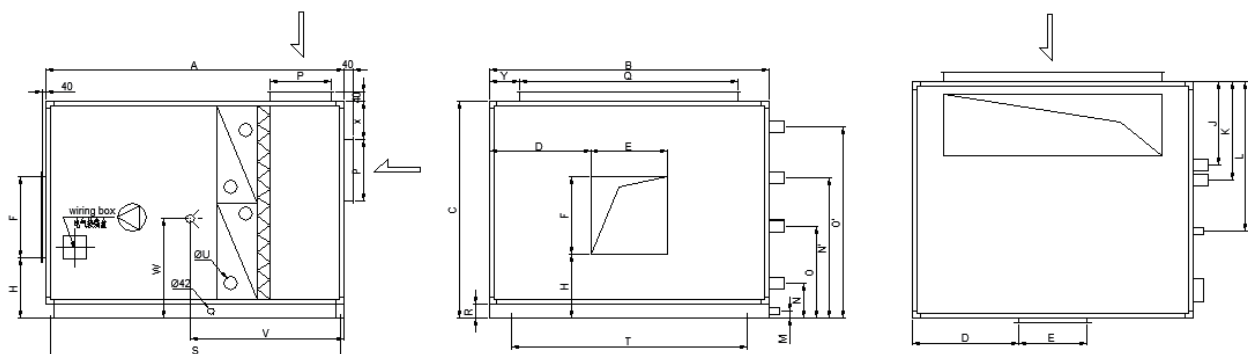
Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Supply Air Outlet Dimension (mm)				Pipe Location Dimension (mm)							
	H				J				K			
	C Method		D Method		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	87	112	199	225	510	535	515	540	576	601	625	650
YBCM 03H	87	112	199	225	510	535	515	540	576	601	625	650
YBCM 04H	87	112	230	256	510	535	515	540	576	601	625	650
YBCM 05H	87	112	230	256	510	535	515	540	576	601	625	650
YBCM 06H	87	112	230	256	598	623	615	640	686	711	725	750
YBCM 07H	80	105	287	312	598	623	615	640	686	711	725	750
YBCM 08H	80	105	287	312	595	620	615	640	691	716	725	750
YBCM 10H	75	100	385	412	695	720	715	740	791	816	825	850
YBCM 12H	75	100	385	412	687	712	715	740	799	824	825	850
YBCM 15H	62	87	315	341	687	712	701.5	727	799	824	839	864
YBCM 18H	62	87	315	341	687	712	701.5	727	799	824	839	864
YBCM 20H	62	87	337	363	687	712	701.5	727	799	824	839	864
YBCM 22H	62	87	337	363	787	812	801.5	827	899	924	939	964
YBCM 25H	62	87	372	398	827	902	841.5	917	939	1014	979	1054
YBCM 28H	62	87	372	398	827	902	841.5	917	939	1014	979	1054
YBCM 30H	62	87	412	437	827	902	841.5	917	939	1014	979	1054
YBCM 33H	62	87	412	437	827	902	841.5	917	939	1014	979	1054
YBCM 36H	62	87	412	437	827	902	841.5	917	939	1014	979	1054

Dimension – Horizontal Standard Unit (H4) (Cont.)

Model	Pipe Location Dimension (mm)																			
	L		M		N				N'				O				O'			
					4 Rows		6 Rows		4 Rows		6 Rows		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	836	862	30	30	175	200	175	200	-	-	-	-	461	486	461	486	-	-	-	-
YBCM 03H	836	862	30	30	168	193	168	193	-	-	-	-	582	607	582	607	-	-	-	-
YBCM 04H	836	862	30	30	174	199	174	199	-	-	-	-	679	704	679	704	-	-	-	-
YBCM 05H	836	862	30	30	181	206	181	206	-	-	-	-	705	730	705	730	-	-	-	-
YBCM 06H	936	962	30	30	174	199	174	199	-	-	-	-	820	845	820	845	-	-	-	-
YBCM 07H	936	962	30	30	174	199	174	199	-	-	-	-	820	845	820	845	-	-	-	-
YBCM 08H	936	962	30	30	181	206	181	206	-	-	-	-	953	978	953	978	-	-	-	-
YBCM 10H	1036	1062	30	30	174	199	174	199	-	-	-	-	1074	1099	1074	1099	-	-	-	-
YBCM 12H	1036	1062	30	30	174	199	174	199	-	-	-	-	1074	1099	1074	1099	-	-	-	-
YBCM 15H	1036	1062	30	30	174	199	174	199	-	-	-	-	1200	1225	1199	1224	-	-	-	-
YBCM 18H	1036	1062	30	30	174	199	174	199	-	-	-	-	1330	1355	1329	1354	-	-	-	-
YBCM 20H	1036	1062	30	30	174	199	174	199	-	-	-	-	1330	1355	1329	1354	-	-	-	-
YBCM 22H	1136	1162	30	30	175	200	174	199	-	-	-	-	1459	1484	1458	1483	-	-	-	-
YBCM 25H	1176	1258	63	63	210	235	209	234	-	-	-	-	1494	1519	1493	1518	-	-	-	-
YBCM 28H	1176	1257	63	63	209	234	209	234	-	-	-	-	1625	1650	1624	1649	-	-	-	-
YBCM 30H	1176	1257	63	63	209	234	209	234	-	-	-	-	1625	1650	1624	1649	-	-	-	-
YBCM 33H	1176	1257	63	63	209	234	209	234	-	-	-	-	1625	1650	1626	1651	-	-	-	-
YBCM 36H	1176	1257	63	63	209	234	209	234	-	-	-	-	1625	1650	1626	1651	-	-	-	-

Horizontal Standard Unit (H4) – Front Outlet



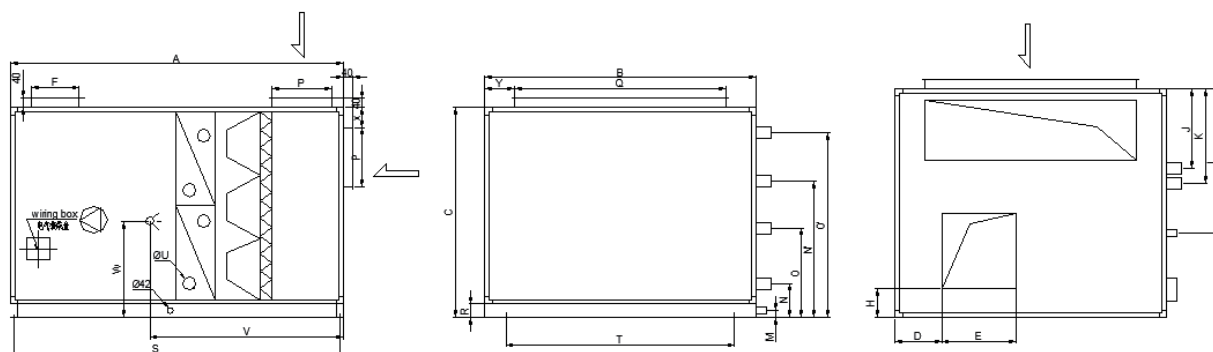
Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Pipe Location Dimension (mm)				Air Inlet Dimension (mm)				Base Height (mm)	Installation Location Dimension (mm)				Coil Connection Pipe mm (inch)			
	V		W		P	Q	X		R	S		T		U			
														4 Rows		6 Rows	
	25mm	50mm	25mm	50mm			25mm	50mm		25mm	50mm	25mm	50mm	25mm	50mm	Return Air	Fresh Air
YBCM 02H	1049	1074	583	608	200	780	43	68	65	1766	1766	276	276	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")
YBCM 03H	1049	1074	598	623	200	880	43	68	65	1766	1766	376	376	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/3")
YBCM 04H	1079	1104	665	690	200	980	43	68	65	1826	1826	476	476	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")
YBCM 05H	1079	1104	665	690	200	1030	43	68	65	1826	1826	526	526	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")
YBCM 06H	1179	1204	713	738	200	1030	43	68	65	1926	1926	526	526	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")
YBCM 07H	1219	1244	713	738	200	1170	43	68	65	2006	2006	666	666	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")
YBCM 08H	1219	1244	778	803	300	1170	43	68	65	2006	2006	666	666	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 10H	1384	1409	843	868	300	1280	43	68	65	2236	2236	776	776	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 12H	1384	1409	843	868	300	1450	43	68	65	2236	2236	946	946	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 15H	1278	1303	903	928	400	1590	43	68	65	2316	2316	1086	1086	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 18H	1278	1303	968	993	400	1700	43	68	65	2316	2316	1196	1196	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 20H	1278	1303	968	993	400	1870	43	68	65	2406	2406	1366	1366	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 22H	1378	1403	1033	1058	500	1870	43	68	65	2506	2506	1366	1366	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 25H	1389	1470	1068	1093	500	2100	43	68	100	2656	2656	1588	1588	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 28H	1389	1470	1133	1158	500	2150	43	68	100	2656	2656	1638	1638	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 30H	1433	1514	1133	1158	500	2290	43	68	100	2786	2786	1778	1778	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 33H	1433	1514	1133	1158	500	2500	43	68	100	2786	2786	1988	1988	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 36H	1433	1514	1133	1158	500	2710	43	68	100	2786	2786	2198	2198	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")

Dimension – Horizontal Standard Unit (H5)

Model	Airflow (m³/h)	L (mm)		W (mm)		H (mm)		Supply Air Outlet Dimension (mm)							
		A		B		C		D		E	F	H			
												A Method		B Method	
		25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm			25mm	50mm	25mm	50mm
YBCM 02H	2000	2186	2236	866	916	701	751	171	196	232	262	358	383	278	303
YBCM 03H	3000	2186	2236	966	1016	730	780	188	213	232	262	393	418	303	328
YBCM 04H	4000	2246	2296	1066	1116	865	915	168	193	309	341	450	475	268	293
YBCM 05H	5000	2246	2296	1116	1166	865	915	178	203	309	341	450	475	268	293
YBCM 06H	6000	2346	2396	1116	1166	960	1010	178	203	395	341	450	475	268	293
YBCM 07H	7000	2426	2476	1256	1306	960	1010	228	253	373	404	475	500	268	293
YBCM 08H	8000	2426	2476	1256	1306	1090	1140	228	253	373	404	475	500	268	293
YBCM 10H	10000	2656	2706	1366	1416	1220	1270	238	263	430	478	531	556	268	293
YBCM 12H	12000	2656	2706	1536	1586	1220	1270	358	383	557	478	531	556	268	293
YBCM 15H	15000	2736	2786	1676	1726	1340	1390	308	334	568	568	516	541	268	293
YBCM 18H	18000	2736	2786	1786	1836	1470	1520	408	434	568	568	516	541	268	293
YBCM 20H	20000	2826	2876	1956	2006	1470	1520	460	486	638	638	538	563	268	293
YBCM 22H	22000	2926	2976	1956	2006	1600	1650	460	486	638	638	538	563	268	293
YBCM 25H	25000	3036	3142	2186	2236	1635	1685	510	536	714	714	608	633	303	328
YBCM 28H	28000	3036	3142	2236	2286	1765	1815	525	551	714	714	608	633	303	328
YBCM 30H	30000	3166	3272	2376	2426	1765	1815	545	571	800	800	649	674	303	328
YBCM 33H	33000	3166	3272	2586	2636	1765	1815	696	722	800	800	647	672	306	331
YBCM 36H	36000	3166	3272	2796	2846	1765	1815	749	775	800	800	647	672	306	331

Horizontal Standard Unit (H5) – Top Outlet



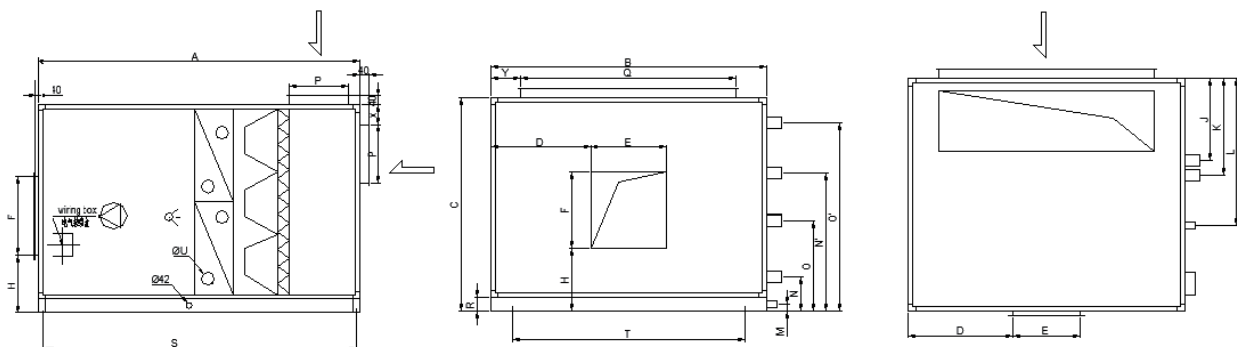
Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Supply Air Outlet Dimension (mm)				Pipe Location Dimension (mm)							
	H				J				K			
	C Method		D Method		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	87	112	199	225	890	915	895	920	956	981	1005	1030
YBCM 03H	87	112	199	225	890	915	895	920	956	981	1005	1030
YBCM 04H	87	112	230	256	890	915	895	920	956	981	1005	1030
YBCM 05H	87	112	230	256	890	915	895	920	956	981	1005	1030
YBCM 06H	87	112	230	256	978	1003	995	1020	1066	1091	1105	1130
YBCM 07H	80	105	287	312	978	1003	995	1020	1066	1091	1105	1130
YBCM 08H	80	105	287	312	975	1000	995	1020	1071	1096	1105	1130
YBCM 10H	75	100	385	412	1075	1100	1095	1120	1171	1196	1205	1230
YBCM 12H	75	100	385	412	1067	1092	1095	1120	1179	1204	1205	1230
YBCM 15H	62	87	315	341	1067	1092	1081.5	1107	1179	1204	1219	1244
YBCM 18H	62	87	315	341	1067	1092	1081.5	1107	1179	1204	1219	1244
YBCM 20H	62	87	337	363	1067	1092	1081.5	1107	1179	1204	1219	1244
YBCM 22H	62	87	337	363	1167	1192	1181.5	1207	1279	1304	1319	1344
YBCM 25H	62	87	372	398	1167	1242	1181.5	1257	1279	1354	1319	1394
YBCM 28H	62	87	372	398	1167	1242	1181.5	1257	1279	1354	1319	1394
YBCM 30H	62	87	412	437	1167	1242	1181.5	1257	1279	1354	1319	1394
YBCM 33H	62	87	412	437	1167	1242	1181.5	1257	1279	1354	1319	1394
YBCM 36H	62	87	412	437	1167	1242	1181.5	1257	1279	1354	1319	1394

Dimension – Horizontal Standard Unit (H5) (Cont.)

Model	Pipe Location Dimension (mm)																			
	L		M		N				N'				O				O'			
					4 Rows		6 Rows		4 Rows		6 Rows		4 Rows		6 Rows		4 Rows		6 Rows	
	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm	25mm	50mm
YBCM 02H	1216	1242	30	30	175	200	175	200	-	-	-	-	461	486	461	486	-	-	-	-
YBCM 03H	1216	1242	30	30	168	193	168	193	-	-	-	-	582	607	582	607	-	-	-	-
YBCM 04H	1216	1242	30	30	174	199	174	199	-	-	-	-	679	704	679	704	-	-	-	-
YBCM 05H	1216	1242	30	30	181	206	181	206	-	-	-	-	705	730	705	730	-	-	-	-
YBCM 06H	1316	1342	30	30	174	199	174	199	-	-	-	-	820	845	820	845	-	-	-	-
YBCM 07H	1316	1342	30	30	174	199	174	199	-	-	-	-	820	845	820	845	-	-	-	-
YBCM 08H	1316	1342	30	30	181	206	181	206	-	-	-	-	953	978	953	978	-	-	-	-
YBCM 10H	1416	1442	30	30	174	199	174	199	-	-	-	-	1074	1099	1074	1099	-	-	-	-
YBCM 12H	1416	1442	30	30	174	199	174	199	-	-	-	-	1074	1099	1074	1099	-	-	-	-
YBCM 15H	1416	1442	30	30	174	199	174	199	-	-	-	-	1200	1225	1199	1224	-	-	-	-
YBCM 18H	1416	1442	30	30	174	199	174	199	-	-	-	-	1330	1355	1329	1354	-	-	-	-
YBCM 20H	1416	1442	30	30	174	199	174	199	-	-	-	-	1330	1355	1329	1354	-	-	-	-
YBCM 22H	1516	1542	30	30	175	200	174	199	-	-	-	-	1459	1484	1458	1483	-	-	-	-
YBCM 25H	1516	1598	63	63	210	235	209	234	-	-	-	-	1494	1519	1493	1518	-	-	-	-
YBCM 28H	1516	1597	63	63	209	234	209	234	-	-	-	-	1625	1650	1624	1649	-	-	-	-
YBCM 30H	1516	1597	63	63	209	234	209	234	-	-	-	-	1625	1650	1624	1649	-	-	-	-
YBCM 33H	1516	1597	63	63	209	234	209	234	-	-	-	-	1625	1650	1626	1651	-	-	-	-
YBCM 36H	1516	1597	63	63	209	234	209	234	-	-	-	-	1625	1650	1626	1651	-	-	-	-

Horizontal Standard Unit (H5) – Front Outlet



Note: The above apply to left hand unit. For right hand unit, the coil connection pipes are on the right of unit and the outlet should be orientated from the left side of unit.

Model	Pipe Location Dimension (mm)				Air Inlet Dimension (mm)				Base Height (mm)	Installation Location Dimension (mm)				Coil Connection Pipe mm (inch)			
	V		W		P	Q	X		R	S		T		U			
														4 Rows		6 Rows	
	25mm	50mm	25mm	50mm			25mm	50mm		25mm	50mm	25mm	50mm	25mm	50mm	Return Air	Fresh Air
YBCM 02H	1429	1454	583	608	200	780	43	68	65	2146	2146	276	276	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")
YBCM 03H	1429	1454	598	623	200	880	43	68	65	2146	2146	376	376	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/2")	Ø48(1-1/3")
YBCM 04H	1459	1484	665	690	200	980	43	68	65	2206	2206	476	476	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")
YBCM 05H	1459	1484	665	690	200	1030	43	68	65	2206	2206	526	526	Ø48(1-1/2")	Ø48(1-1/2")	Ø60(2")	Ø60(2")
YBCM 06H	1559	1584	713	738	200	1030	43	68	65	2306	2306	526	526	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")
YBCM 07H	1599	1624	713	738	200	1170	43	68	65	2386	2386	666	666	Ø60(2")	Ø60(2")	Ø60(2")	Ø60(2")
YBCM 08H	1599	1624	778	803	300	1170	43	68	65	2386	2386	666	666	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 10H	1764	1789	843	868	300	1280	43	68	65	2616	2616	776	776	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 12H	1764	1789	843	868	300	1450	43	68	65	2616	2616	946	946	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 15H	1658	1683	903	928	400	1590	43	68	65	2696	2696	1086	1086	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 18H	1658	1683	968	993	400	1700	43	68	65	2696	2696	1196	1196	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 20H	1658	1683	968	993	400	1870	43	68	65	2786	2786	1366	1366	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 22H	1758	1783	1033	1058	500	1870	43	68	65	2886	2886	1366	1366	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 25H	1729	1810	1068	1093	500	2100	43	68	100	2996	2996	1588	1588	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 28H	1729	1810	1133	1158	500	2150	43	68	100	2996	2996	1638	1638	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 30H	1773	1854	1133	1158	500	2290	43	68	100	3126	3126	1778	1778	Ø76(2-1/2")	Ø76(2-1/2")	Ø89(3")	Ø89(3")
YBCM 33H	1773	1854	1133	1158	500	2500	43	68	100	3126	3126	1988	1988	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")
YBCM 36H	1773	1854	1133	1158	500	2710	43	68	100	3126	3126	2198	2198	Ø89(3")	Ø89(3")	Ø89(3")	Ø89(3")

Options – TiO₂ Healthy Air Sterilizer



Industrial Leading Technology – Nano-TiO₂ Healthy Air Sterilizer

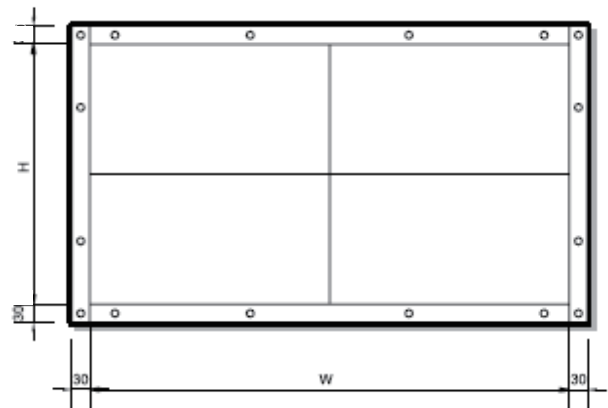
Johnson Controls is committed to providing comfortable and healthy living and working environment for all our customers. Whilst caring and safeguarding the natural environment outside. With indoor air quality becoming a crucial global health concern, our unique nano-TiO₂ healthy air sterilization technology, can help remove almost all airborne germs and pathogens, ensuring healthy and fresh indoor air supplies.

By oxidising and decomposing the harmful substances in the air, YORK® Nano-TiO₂ healthy sterilization technology kills airborne germs, eliminates bad odors, and other harmful particles safely 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. NOx, SOx...
- Smoke and offensive odours.

Nano-TiO₂ healthy air sterilization technology contains the following features:

- YORK® is the first brand in the industry to apply Nano-grade TiO₂ technology to fan coils, residential and commercial central air conditioners, and residential split units.
- TiO₂ photo-catalysis not only filters bacteria but also kills them
- The ultraviolet light(UVA) in Nano-TiO₂ Healthy Air Sterilizer is designed to be durable, lasting up to 10,000 hours



If the Nano-grade TiO₂ sterilizer is ordered by customers, it will be installed on the YBCM unit by the manufacturer prior to shipping. The ultraviolet lamp which delivered with the unit together, be installed by user in the field.



Model	Flange Dimension (mm)	
	H	W
YBCM 02H	490	704
YBCM 03H	519	804
YBCM 04H	654	904
YBCM 05H	654	954
YBCM 06H	749	954
YBCM 07H	749	1094
YBCM 08H	879	1094
YBCM 10H	1009	1204
YBCM 12H	1009	1374
YBCM 15H	1129	1514
YBCM 18H	1259	1624
YBCM 20H	1259	1794
YBCM 22H	1389	1794
YBCM 25H	1389	2024
YBCM 28H	1519	2074
YBCM 30H	1519	2214
YBCM 33H	1519	2424
YBCM 36H	1519	2634
YBCM 40H	1829	2498
YBCM 45H	1954	2638

Model	Flange Dimension (mm)	
	H	W
YBCM 02V	391	654
YBCM 03V	455	814
YBCM 04V	455	1074
YBCM 05V	518	1164
YBCM 06V	645	1164
YBCM 07V	709	1174
YBCM 08V	772	1224
YBCM 10V	772	1494
YBCM 12V	772	1754
YBCM 15V	899	1864
YBCM 18V	963	2064
YBCM 20V	1026	2154
YBCM 22V	1153	2154

Options – Evaporative Humidifier

Technical Data

Model	Airflow (m³/h)	Rows	Humidification (kg)							
			Fresh Air Condition				Mixed Air Condition			
			50 mm	100 mm	150 mm	200 mm	50 mm	100 mm	150 mm	200 mm
YBCM 02H	2000	4	5	9	12	-	4	8	10	-
		6	5	9	12	-	4	8	10	-
YBCM 03H	3000	4	8	14	18	-	6	12	15	-
		6	8	14	18	-	6	12	15	-
YBCM 04H	4000	4	10	19	24	-	9	17	21	-
		6	10	19	24	-	9	17	21	-
YBCM 05H	5000	4	12	23	30	-	11	21	26	-
		6	12	23	30	-	11	21	26	-
YBCM 06H	6000	4	15	28	36	-	13	25	32	-
		6	15	28	36	-	13	25	32	-
YBCM 07H	7000	4	17	33	41	47	15	29	37	42
		6	17	33	41	47	15	29	37	42
YBCM 08H	8000	4	19	37	47	54	17	33	42	48
		6	19	37	47	54	17	33	42	48
YBCM 10H	10000	4	24	47	59	68	22	41	53	60
		6	24	47	59	68	22	41	53	60
YBCM 12H	12000	4	29	56	71	81	26	50	63	72
		6	29	56	71	81	26	50	63	72
YBCM 15H	15000	4	36	70	89	102	32	62	79	90
		6	36	70	89	102	32	62	79	90
YBCM 18H	18000	4	44	84	107	122	39	74	95	108
		6	44	84	107	122	39	74	95	108
YBCM 20H	20000	4	49	93	118	135	43	83	105	120
		6	49	93	118	135	43	83	105	120
YBCM 22H	22000	4	54	102	130	149	48	91	116	132
		6	54	102	130	149	48	91	116	132
YBCM 25H	25000	4	61	116	148	169	54	103	132	150
		6	61	116	148	169	54	103	132	150
YBCM 28H	28000	4	68	130	166	190	61	116	147	168
		6	68	130	166	190	61	116	147	168
YBCM 30H	30000	4	73	140	178	203	65	124	158	181
		6	73	140	178	203	65	124	158	181
YBCM 33H	33000	4	80	154	196	223	72	136	174	199
		6	80	154	196	223	72	136	174	199
YBCM 36H	36000	4	88	168	214	244	78	148	190	216
		6	88	168	214	244	78	148	190	216
YBCM 40H	40000	4	98	186	239	269	86	167	211	242
		6	98	186	239	269	86	167	211	242
YBCM 45H	45000	4	111	209	269	303	97	188	237	273
		6	111	209	269	303	97	188	237	273
YBCM 02V	2000	4	4	8	-	-	4	7	-	-
		6	4	8	-	-	4	7	-	-
YBCM 03V	3000	4	6	12	-	-	5	10	-	-
		6	6	12	-	-	5	10	-	-
YBCM 04V	4000	4	9	16	-	-	7	13	-	-
		6	9	16	-	-	7	13	-	-
YBCM 05V	5000	4	11	20	-	-	9	17	-	-
		6	11	20	-	-	9	17	-	-
YBCM 06V	6000	4	13	24	-	-	10	20	-	-
		6	13	24	-	-	10	20	-	-
YBCM 07V	7000	4	15	28	-	-	12	23	-	-
		6	15	28	-	-	12	23	-	-
YBCM 08V	8000	4	17	33	-	-	14	27	-	-
		6	17	33	-	-	14	27	-	-
YBCM 10V	10000	4	21	41	52	-	17	33	42	-
		6	21	41	52	-	17	33	42	-
YBCM 12V	12000	4	26	49	62	-	21	40	51	-
		6	26	49	62	-	21	40	51	-
YBCM15V	15000	4	32	61	78	-	26	50	64	-
		6	32	61	78	-	26	50	64	-
YBCM 18V	18000	4	38	73	93	-	31	60	76	-
		6	38	73	93	-	31	60	76	-
YBCM 20V	20000	4	42	81	103	-	35	67	85	-
		6	42	81	103	-	35	67	85	-
YBCM 22V	22000	4	47	89	114	-	38	73	93	-
		6	47	89	114	-	38	73	93	-

Notes:

- The evaporative humidification is an isenthalpic process, which is only suitable for comfort air-conditioning, and not suitable for the applications where high precision of humidity control is required.
- When the unit is equipped with an evaporative humidifier, the external total pressure of unit should be deducted by air pressure drop across the humidifier.
50mm--24Pa, 100mm--42Pa, 150mm--60Pa, 200mm--90Pa.
- Fresh air humidification conditions: 28°C DB; 10% RH. Face velocity less than 3.0m/s.
- Mixed air(fresh air ratio at 20~30%) humidification condition: 28°C DB; 25% RH. Face velocity less than 3.0m/s.
- These are standard specifications. Please contact our local Johnson Controls offices for your specific requirements.

The condition for evaporative humidifier:

- Environment temperature: 5~100°C for humidification material, and 5~50°C for control panel.
- Humidity: not more than 90%RH.
- Critical face velocity: less than 4.0m/s.
- Supply water: city water, purified water or similar water.
- The temperature of supply water: 5~40°C.
- The pressure of supply water: 0.15~0.75Mpa.



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At Johnson Controls, we transform the environments where people live, work, learn and play. From optimizing building performance to improving safety and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers and manufacturing. With a global team of 105,000 experts in more than 150 countries and over 130 years of innovation, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, York®, Metasys®, Ruskin®, Titus®, Frick®, Penn®, Sabroe®, Simplex®, Ansul® and Grinnell®.

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