

THE WORLD'S OBAIR

In the vast global innovation landscape, "OBAIR" shines like a brilliant star, leading the wave of technological innovation.

We are not just a company, but also advocates and practitioners of the global upgrade in quality of life.

In the world of OBAIR, technological innovation is not only a driving force but also the soul.

We firmly believe that "OBAIR" will resonate in every corner of the world, representing excellence, quality, and dreams.

We cross mountains and seas, connecting the five continents, adding a bright color to the global stage of life, becoming a synonym for beauty in the hearts of people around the world, and together writing a glorious chapter in human civilization.



The related products of Oubo have obtained the above certification, and the specific product certification is detailed in the relevant product certification certificate

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Note: There may be discrepancies between all product descriptions, data, and actual products in this catalog. Please refer to the actual product. Changes will not be notified separately.



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OBAIR

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Cassette Fan Coil Unit



OBAIR
Central air conditioning

Version NO.: OB-202507A
Haojin Oubo Technology CO., LTD



Pure Copper
Motor



Exquisite
Workmanship



Quiet and
Low Noise



Complete Range
of Specifications

Cassette Fan Coil Unit

The "Haojin Oubo" Cassette Fan Coil Units are air conditioning terminal equipment suitable for installation in hotels, residences, office buildings, villas, radio stations, airports, subways, and other horizontal concealed spaces. The Cassette Fan Coil Units integrate the advantages of similar products at home and abroad, featuring advanced design, a complete range of specifications, superior performance, and quality assurance.

» Cassette Fan Coil Unit Parameters Table

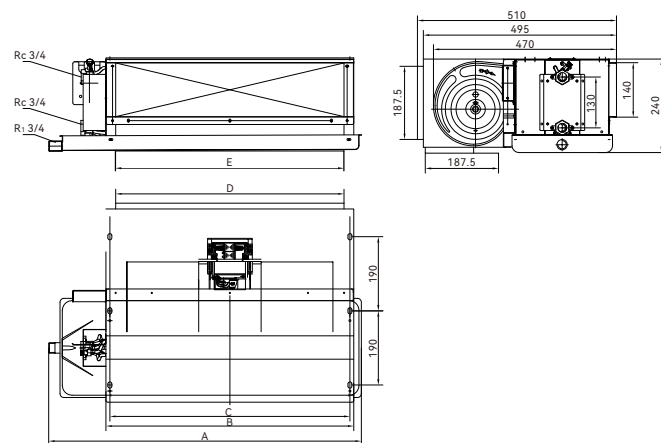
Model FP-		34KQ	51KQ	68KQ	85KQ	102KQ	136KQ	170KQ	204KQ	238KQ
Rated Air Flow m ³ /h	High	340	510	680	850	1020	1360	1700	2040	2380
	Medium	280	390	520	640	790	1030	1290	1500	1800
	Low	180	260	350	430	520	690	860	1030	1200
Cooling Capacity W	High	2160	3220	3970	5380	6030	7780	10690	11660	13610
	Medium	1650	2279	2814	3750	4322	5534	7512	8088	9681
	Low	1068	1519	1984	2519	2854	3500	5008	5554	6454
Heating Capacity W	High	3000	4070	5450	6800	8160	10800	13700	16200	18900
	Medium	2474	3520	4210	5121	6315	8179	10200	12353	14521
	Low	1590	2150	2790	3200	4140	5479	6535	8482	9681
Fan	Quantity	1	1	1	1	1	1	1	1	1
Motor	Power Supply	220V/1~50Hz								
	Input Power W	34	50	58	72	92	126	128	152	198
Heat Exchanger	Configuration	Copper tubes with high-efficiency flanged aluminum fins, mechanically expanded and tightened								
	Working Pressure MPa	1.6								
	Inlet /Outlet Water Pipe Diameter	Rc3/4 (Tapered pipe internal threads)								
	Water Flow Rate kg/h	371	553	683	924	1036	1337	1838	2005	2340
	Water Resistance kPa	14	14	16	18	22	25	39	43	46
Cooling Energy Efficiency Ratio FCEER Limit Value (W/W)		60	61	64	69	60	56	69	63	57
Heating Energy Efficiency Coefficient FCCOP Limit Value (W/W)		84	77	88	87	81	78	89	88	79
Noise dB(A)	High	37	39	41	43	45	46	47	49	52
	Medium	36	37	39	40	43	44	45	46	48
	Low	34	35	37	39	40	41	41	43	44
Condensate Drain Pipe		φ26								

Note:

1. Cooling: Supply and return water temperature 7/12°C; return air condition: entering air dry bulb temperature 27°C, wet bulb temperature 19.5°C;
2. Heating: Supply water temperature 60°C; return air condition: entering air dry bulb temperature 21°C;
3. The air volume in the table is measured when the unit is operating in a dry state, at a dry bulb temperature of 20°C;
4. The noise in the table is measured inside a semi-anechoic chamber with a background noise of 11.5dB(A);
5. Specifications and parameters are subject to change without notice due to product improvements; please refer to the nameplate on the unit for the most accurate information.

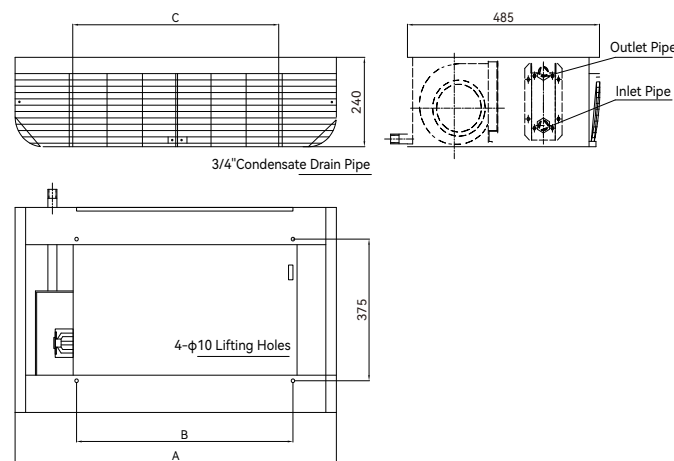
» Structure and Main Dimensions

Horizontal Recessed Fan Coil Unit



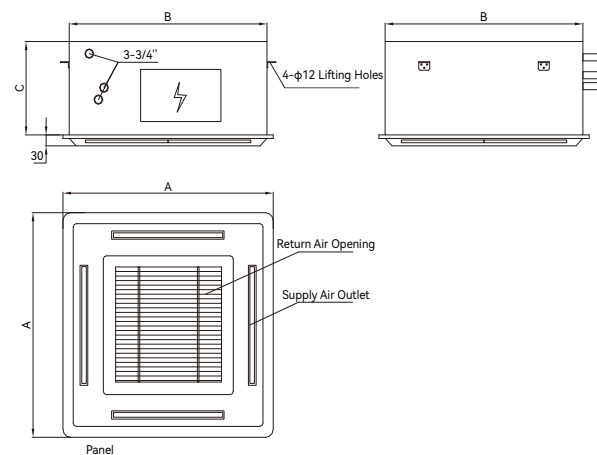
Model	External Dimensions (mm)				
	A	B	C	D	E
FP-34WA	650	485	465	437	437
FP-51WA	800	635	615	587	587
FP-68WA	880	715	695	667	667
FP-85WA	940	775	755	727	727
FP-102WA	1040	875	855	827	827
FP-119WA	1140	975	955	927	927
FP-136WA	1420	1255	1235	1207	1207
FP-170WA	1470	1305	1285	1257	1257
FP-204WA	1720	1555	1535	1507	1507
FP-238WA	1970	1805	1785	1757	1757

Horizontal Surface-mounted Fan Coil Unit



Model	External Dimensions (mm)		
	A	B	C
FP-34WM	790	490	470
FP-51WM	940	610	620
FP-68WM	980	680	660
FP-85WM	1100	810	780
FP-102WM	1250	930	930
FP-136WM	1410	1130	1090
FP-170WM	1640	1390	1320
FP-204WM	1840	1590	1520
FP-238WM	1920	1790	1600

Cassette Fan Coil Unit



Strong Drainage Unit Size Table
(Two-pipe System with Four Air Outlets)

Model	External Dimensions (mm)			Net Weight (kg)
	A	B	C	
FP-34KQ	650	620	290	18
FP-51KQ	650	620	290	19
FP-68KQ	650	620	290	20
FP-85KQ	800	760	290	26
FP-102KQ	800	760	290	27
FP-136KQ	800	760	290	28
FP-170KQ	950	890	290	33
FP-204KQ	950	890	290	34
FP-238KQ	950	890	290	35



For specific operations on unit installation, use, and maintenance, please refer to the included "Installation and Use Manual" and "Electrical Operation Manual".

Note: As OBAIR products are continuously improved and innovated, changes to product models, specifications, and parameters shown in this material will not be notified separately. Your understanding is appreciated.