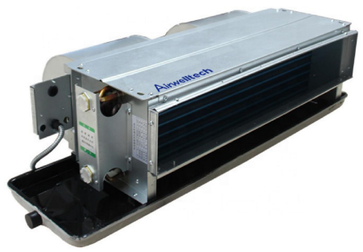
Product Overview

The AWTF series fan coil units are mainly applied to comfortable central air-conditioning systems. Relying on the forced air circulation of fans and heat exchange of cooling coils, the units deliver air with a specific temperature difference into rooms continuously or intermittently,so as to maintain the heat and moisture balance and meet indoor temperature and humidity requirements.

They are widely used in air conditioning projects for multi-room or large-space industrial and civil buildings, including offices, hotels, hospitals, restaurants, factories, clubs, exhibition halls, shopping malls and other venues.

Featuring a compact structural design, the units effectively save valuable installation space. In addition, they boast advantages such as low power consumption,high efficiency, low noise, as well as convenient installation,maintenance and operation, making them your ideal product choice.

This product range consists of 9 specifications with an air volume ranging from 340 to 2380 m³/h



Model description

AWT* | 034 | A | R | 3 | L | S | E15 | F

- Filter：F-Has Filter，N-No Filter
- Electric Heating：0-No electrical Heating
  15-1500W electrical Heating
- Water Pan：S-Standard，E-Extended
- Handover Direc：R- Right Handover
  L- Left Handover
- Static Pressure：S-Standard,Air outlet static pressure is 12Pa
  3- Air outlet static pressure is 30Pa
  5- Air outlet static pressure is 50Pa
- Return air box：R-No return air box
  B-Rear return air box
  X-Bottom return air box
- Design Serial No：A、B、C.....
- Capacity Code ： 340m³/h
- Prod. Code：AWTA-Horizontal Concealed FCU
  AWTE-Horizontal Exposed FCU
  AWTC-Vertical Concealed FCU
  AWTU-Vertical Exposed FCU
  AWTK-Ceiling Cassette FCU

Specifications

Model AWT***			034	051	068	085	102	136	170	204	238
GB Model			FP-34	FP-51	FP-68	FP-85	FP-102	FP-136	FP-170	FP-204	FP-238
Air Volume	High	m³/h	340	510	680	850	1020	1360	1700	2040	2380
	Medium		270	400	540	670	810	1080	1360	1630	1900
	Low		200	300	400	510	610	810	1000	1220	1430
Cooling capacity	High	W	2000	3000	3900	4600	5600	7200	9100	10800	12600
	Medium		1600	2400	3000	3700	4500	5700	7200	8500	10000
	Low		1200	1800	2200	2800	3400	4300	5400	6400	7500
Heating capacity	High	W	3000	4500	5850	6900	8400	10800	13650	16200	18900
	Medium		2400	3600	4680	5520	6720	8640	10920	12960	15120
	Low		1800	2700	3510	4140	5040	6480	8190	9720	11340
Flow Rate		m³/h	0.34	0.52	0.67	0.79	0.96	1.24	1.56	1.86	2.17
Water Resistance		kPa	30	30	30	30	40	40	40	40	50
Power Supply			AC1N-220V-50Hz								
Input Power	12Pa	W	36	50	60	74	93	130	147	183	221
	30Pa		43	57	70	84	105	151	169	206	245
	50Pa		48	64	81	97	114	169	204	243	291
Noise	12Pa	dB(A)	37	39	41	43	45	46	48	50	52
	30Pa		40	42	44	46	47	48	50	52	54
	50Pa		42	44	46	47	49	50	52	54	56
Weight	No return air box	Kg	9.6	12	12.9	14.3	15.2	22.4	24.8	28.6	32
	Return air box		11.9	14.5	15.7	17.3	18.7	26.4	29	34.1	37.5
Water Pipe	Inlet	Inch	3/4” FPT								
	Outlet		3/4” FPT								
Drain Pipe		Inch	3/4” MPT								

Note:

- High static pressure unit refers to horizontal concealed unit, with an outlet static pressure of 30Pa or 50Pa.
- Nominal cooling capacity measurement: Indoor dry bulb temperature 27°C, wet bulb temperature 19.5°C.
- Nominal heating capacity measurement: Indoor dry bulb temperature 21°C, water supply volume is the same as the nominal flow rate.
- Water resistance refers to the water resistance at the rated flow rate.
- Input power refers to the input power at high air volume.
- MPT- Male Pipe Thread，FPT - Female Pipe Thread.