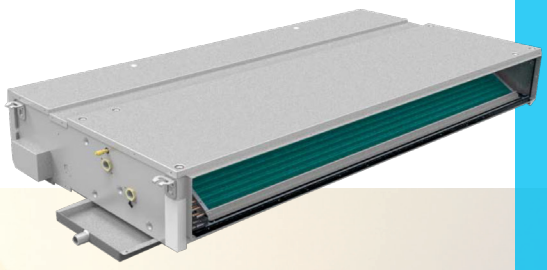
DAIKIN



Concealed ceiling unit with medium ESP

FWA - BAT

60 Hz

Daikin concealed ceiling units

An invisible improvement to any space

Main Features

AC fan motor unit for concealed flexi mounting

- 253 mm height for all capacities
- 6 fan speed for all models
- Total cooling capacity range of 1-10 kW
- **Lower Heat Loss** - Heat exchanger pipes are inside of the unit, all sides of the heat exchange rcovered by thermal insulation
- **Class 0 Thermal Insulation (According to BS476)**
- **Aluminum rhombus shaped fins develop by DAIKIN**
- **Aluminium Mesh Filter** - Standard 1 inch (25mm) Al mesh filter
- **Easy Access to Filters** - Bottom filter access of the unit is same with the unit direction/Filter covers can be remove easily, no need to remove screws
- **Corrosion Resistant Drain Pan** - Galvanized steel sheet + Powder coating
- **High Strength Structure** - Support plate on suction side provide additional reinforcement
- **Suction Side Sound Proof Insulation (Fan Insulation)** - 10mm melamine foam
- **Serviceability** - Open shape design provides easy installation
- **Flexibility** - Drain pan position can be narrowed/Easier installation for small spaces
- **Flexibility** - Terminal connection direction is changeable on the field. If wiring direction need to be opposite of the unit direction, this can be change on the field
- **Optional Electric Heater Box** - From 1 kW to 5 kW heating capacity

FWA-BAT

FWA02~12BATN5VL (M/N)

				2	3	4	5	6	7	8	10	12
Total Cooling Capacity	HIGH		kW	2,8	3,0	3,4	5,6	5,9	6,2	7,1	9,8	10,1
	MED		kW	1,8	2,8	3,3	4,6	5,6	5,9	6,8	8,4	9,8
	LOW		kW	1,0	1,4	2,1	2,6	3,1	4,6	5,5	5,9	7,3
Sensible Cooling Capacity	HIGH		kW	1,9	2,1	2,4	3,8	4,1	4,3	4,9	6,8	7,0
	MED		kW	1,2	1,9	2,3	3,2	3,8	4,1	4,7	5,8	6,8
	LOW		kW	0,7	1,0	1,4	2,3	2,4	3,2	3,8	4,1	5,0
Power Input	HIGH		W	89	94	116	201	201	225	274	333	340
	MED		W	78	89	114	171	171	213	266	325	333
	LOW		W	68	74	89	119	119	171	239	297	311
Dimension	Unit	Height	mm	253								
		Width	mm	788								
		Depth	mm	819			1284				1734	
Weight	Unit	Unit	kg	23			35				53	
		Packing Unit	kg	27			41				60	
FAN	Type			Sirocco Fan								
	Quantity			1			2				4	
	Air Flow Rate	HIGH	cfm	335	372	425	650	693	734	855	1134	1213
		MED	cfm	189	335	408	521	650	693	803	1038	1134
		LOW	cfm	98	152	257	246	323	521	641	707	871
Total Sound Power Level	Inlet	HIGH	dBA	55	51	59	61	61	59	61	63	62
		MED	dBA	49	48	59	59	59	54	55	60	58
		LOW	dBA	48	46	59	57	57	53	52	58	56
	Outlet	HIGH	dBA	55	50	59	58	58	55	58	59	58
		MED	dBA	47	47	51	55	55	51	51	57	54
		LOW	dBA	47	44	50	54	54	49	48	54	53
Piping Connections	Water	Inlet		3/4"								
		Outlet		3/4"								
	Drain		mm	3/4 Male								
Power Supply	Type			230 / 1 / 60								
	Phase			1~								
	Frequency		Hz	60								
	Voltage		V	230								

(1) Cooling: entering evaporator water temp. 14.5 °C; leaving evaporator water temp. 5.5 °C; ambient air temp. 30 °C; full load operation.

DAIKIN MIDDLE EAST AND AFRICA FZE

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Daikin Middle East and Africa

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