



Ceiling Suspended Air Handling Unit

BACS

The BACS range of ceiling suspended air handling units from Systemair are available with 2550 CMH to 15300 CMH. Its unique Low Height & Compact Design allows an easy fit in false ceiling space. Effective heat transfer using better coils and fins combination.



BACS Ceiling Suspended Air Handling Unit

(Capacity Range : 2550 CMH to 15300 CMH)

Unique Features

- Compact Design : Save installation space
- Low Height : Easy fit in false ceiling space
- Cooling Coil : Ensure effective heat transfer using better coils and fins combination

Construction

- Casing : Robust casing having double skin panels tightly fixed onto a strong aluminium alloy frame. The panel has a pre-coated galvanized finish on its outer and plain galvanized on the inside.
- Insulation : 38±2 kg/m³ Polyurethane Foam.
- Drain Pan : SS 304 duly insulated with 13 mm Nitrile insulation
- Cooling Coil : 12.7 mm tube diameter / 0.4 mm thick (4 or 6 row).
- Header : MS
- Motor : Energy Efficient (IE2) / TEFC / 3Phase
- Fan : DIDW Centrifugal Fan (Belt Driven)
- Filter : 25 mm thick pre filter.

Technical data

Model	Designed Air Volume (CMH) @ 35mm WC	Maximum Air Volume, (CMH)	Coil Area (Sq.m) @ 2.5 (MPS)	Fan Model	Fan Outlet Velocity, (MPS)	Motor kW	Length, mm	Width mm	Height mm	Operating Weight KG
BACS 2	2550	2754	0.28	9x9S	9.1/9.8	1.1	955	945	535	144
BACS 3	3400	3672	0.38	10x10S	9.9/10.7	1.1	1000	1045	590	166
BACS 4	4250	4590	0.47	12x12S	8.8/9.5	1.5	1065	1125	670	201
BACS 5	5100	5508	0.57	9x9D	9.1/9.8	1.5	955	1615	535	216
BACS 6	5950	6426	0.66	10x10D	8.6/9.3	2.2	1000	1635	590	255
BACS 7	6800	7344	0.76	10x10D	9.9/10.7	2.2	1000	1825	590	270
BACS 8	8500	9180	0.94	12x12D	8.8/9.5	3.7	1065	1990	670	340
BACS 10	10200	10200	1.13	12x12D	10.5/11.4	3.7	1065	2330	670	380
BACS 12	11900	12852	1.32	15X15D	8.7/9.4	3.7	1145	2315	760	440
BACS 14	13600	14688	1.51	15X15D	9.9/10.7	5.5	1145	2610	760	495
BACS 15	15300	16524	1.70	18x18D	8.0/8.6	5.5	1260	2510	910	570



Systemair India Pvt. Ltd. Plot No. 3a, Site IV, Ecotech 1, Sector 31, Kasna, Greater Noida- 201308. | www.systemair.in | mailbox@systemair.in

Sales offices:

[Noida](#)
 +91 120 4639 700
 | [Kolkata](#)
 +91 983 0420 473
 | [Mumbai](#)
 +91 08108124863
 | [Pune](#)
 +91 20 66215872
 | [Ahmedabad](#)
 +91 9624 448 12
 | [Hyderabad](#)
 +91 404 0176 397
 | [Bengaluru](#)
 +91 80 2341 7922 /6922
 | [Chennai](#)
 +91 73 49 73 3338
 | [Kochi](#)
 +91 73 49 74 3338