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EcoBeam™ **Chilled Beams**

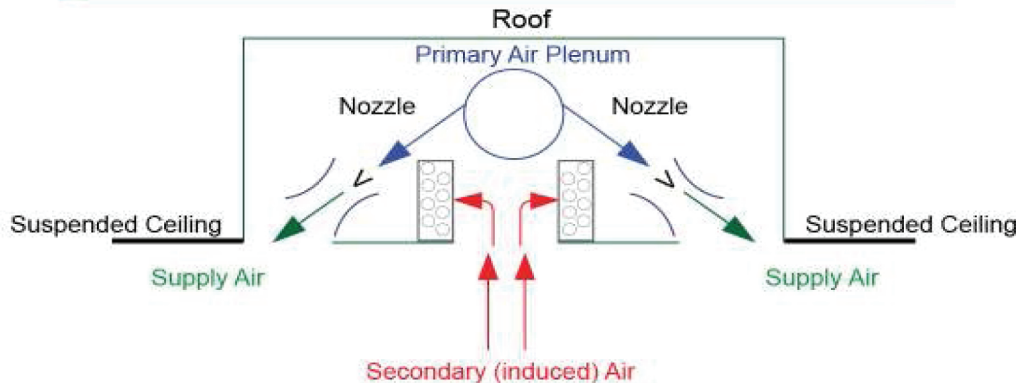
(SERIES ECB-C-602)

ECB-C-602 SERIES UNIT HAVE THE FOLLOWING OUTSTANDING FEATURES

- CNC fabricated High quality pre coated plasticised sheet 1mm THK. steel sheet casing.
- High cooling capacity.
- The front panel can be open and detachable without any special tools.
- Sound power level is below 35 dBA.
- Patented (Pending) EcoNozzles.
- Patented (Pending) EcoVenturi.
- Developed utilizing Computational fluid dynamics (CFD), Shadowgraph method.
- Tested as per Eurovent standard EN-15116 & AHRI 1240P.
- In house WSP* Germany certified test facility for performance evaluation and full scale application testing.
- No moving parts equates to reduced maintenance costs.
- 3/4" SS-304 drain pan connection. And drain pan can be supplied with a safety switch or provided with an additional 1" to 6" of height gravity drain.



EcoBeam - ECB-C-602



TECHNICAL DETAILS

Product Configuration	PRODUCT	ECB-C-602
	Installation	Concealed in suspended ceiling
	Airflow Direction	Horizontal
	Supply air	Two way supply
	Induced Air	From the room
Construction	Total Length of Eco Beam	From 600 to 3000mm
	Width of Eco Beam	600mm
	Height	330mm
	Active length	360 to 2760mm (In 300mm steps)
Material	Casing	Pre coated plasticised sheet 1mm THK steel sheet casing
	Air intake	Perforated, removable front panel
	Heat exchanger coil	Cooper pipe with aluminum fins
	Plenum pressure measuring tap	6mm Dia pipe
	Finishing	RAL 7035
Installation & connection	Duct connection	5" (125mm)
	Water pipe connection	Ø ½"
	Unit Mounting/Hanging	4 to 6 points in each unit
Performance	Minimum static plenum pressure	50 Pa
	Certification	Eurovent (under process)
Cooling Capacity	300 W/Meter	Based on Following parameter 1. Entering water temp. - 61°F 2. Leaving water temp. - 66°F 3. Air volume 35cfm per Meter @ 180Pa Chamber pressure

UNIT DIMENSIONS DETAIL

S. No.	Product	Total Length (in mm)	Effective Length (in mm)	Width (in mm)	Actual Width (in mm)	Height (in mm)	Weight (in Kgs)	Remarks
1	ECB-C-602-600	600	360	600	595	330	20	
2	ECB-C-602-900	900	660	600	595	330	28	
3	ECB-C-602-1200	1200	960	600	595	330	36	
4	ECB-C-602-1500	1500	1240	600	595	330	45	
5	ECB-C-602-1800	1800	1560	600	595	330	55	
6	ECB-C-602-2100	2100	1860	600	595	330	65	
7	ECB-C-602-2400	2400	2160	600	595	330	75	
8	ECB-C-602-2700	2700	2460	600	595	330	83	
9	ECB-C-602-3000	3000	2760	600	595	330	94	

ECOB[®]BEAM[™]

Chilled Beams

Product Bible/Ordering Code

ECB - C - 602 - 1200 - P - C

Color ?

Grill Perforation Pattern ?

Unit Length

(600, 900, 1200, 1500, 1800, 2100, 2400, 2700 & 3000)

Product Series

(601, 602, 603, 151, 451, 452 & 301)

Installation Type

C – Concealed Beam

E – Exposed Beam

M – Multiservice Beam

*ECOB*BEAM Chilled Beams