



next|GEN

RAISED FLOOR AIR HANDLING UNIT

Capacity Range: Up to 20000 CFM

ACREX AWARD OF EXCELLENCE

for outstanding work in the
Innovation Category - Year 2014



Raised floor Unitary Air handling product is specifically designed to meet the unique requirements of under floor/Raised floor air systems. This special AHU is designed to deliver air into a raised floor plenum while using up to two different air streams: primary pre-treated air, and a mixture of bypass space return air and return air chilled using either chilled water or DX coils.

This next Gen AHU is equipped with many unique features that make our equipment durable and easy to operate and maintain. Some of these features are:

- The product is designed to consume low fan energy, has very quiet operation, and has a very compact space footprint.
- The unit casing is fabricated out of specially designed engineered thermo-acoustic lined double skin 50 mm thick panels, resulting in lower noise levels and optimal thermal properties.
- The complete fan and motor assembly is mounted on suspended spring isolators and complete assembly can be easily slid out of the unit for maintenance.
- Similarly the coil is mounded on roller balls with quick lock header couplings and is easy to slide out from the front side for maintenance.
- Under Floor unit is manufactured in two modules for fan and coil sections, each of which can rotate in any of the four directions with respect to each other, so that coil headers, filter access and supply air outlets can be selected in any direction to overcome internal constraints of the room.