

AET FLEXIBLE SPACE SYSTEM



WHY IS IT GREEN?

The AET Flexible Space System is an Under Floor Air Conditioning (UFAC) system, using the plenum under a raised access floor, doing away with the need for a ceiling void and thus saving height in construction. The system can create good quality indoor environments and comfortable work space for commercial applications

The building is divided into number of zones. Each zone is supplied with chilled or warmed air by a Conditioned Air Module (CAM). The underfloor void is divided into supply and return air plenum by using an airtight baffle. Supply air is drawn up into the occupied space by fan-assisted terminal units (Fantiles). Fantile controls provide easy adjustment of air flow and temperature for user comfort. Fantile has no duct and piping and can be relocated in minutes that saves over 90% of time spent on retrofitting. AET Flexible Space System has been well-certified and has achieved excellent ratings in indoor air quality compared to other overhead systems.

AET Flexible Space System reduces the total cost of construction by 5-10%, reduces building energy consumption by over 25% and reduces CO2 emissions. The system is a viable alternative solution which benefits to developers, architects, engineers, facility managers and occupants.

PRODUCT FEATURES

- Reduce total cost of construction by up to 5-10%
- Reduce building energy consumption by up to 20-30%
- Height saving for new buildings by up to 20%
- Elimination of horizontal pipework and ventilation ductwork
- Pre-engineered integrated technology reduces time on site
- Modular components allowing future layout changes at minimal cost
- Can be incorporated with re-usable energy applications
- Easy access for cleaning and maintenance
- Personal environmental control for users
- Comfortable, healthy environments without draughts
- Excellent indoor air quality

APPLICABLE GBI CREDITS

NRNC	EE5, EQ6, EQ7
INC	EE5, EQ6, EQ7
NREB	EE5, EQ6, EQ7
IEB	EE5, EQ6, EQ7
INTERIORS	EE4, EQ3

COMPANY DETAILS

AET FLEXIBLE SPACE (MALAYSIA) SDN BHD

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