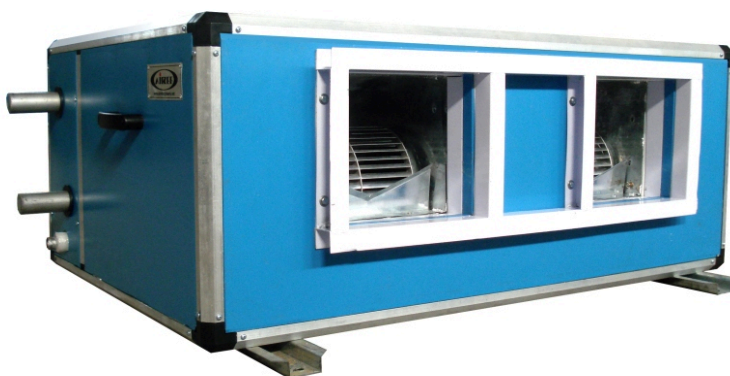




split the hassles apart

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DUCTED SPLIT UNITS

Double skin | Ceiling suspended | Low noise | Low height



Choose your air.

DUCTED SPLIT UNITS

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GENERAL DESCRIPTION

These units are specifically designed for low-height applications and are suspended from ceiling of the structure. The compact design ensures easier installation at sites with space constraints. Supplied in both direct-drive and belt-drive models, these units are a silent solution to the modern day structures such as shopping malls, restaurants, apartments and offices etc. The units are ducted to cover the entire area to be conditioned.

RANGE : 1200 CFM to 8000 CFM

CONSTRUCTIONAL FEATURES

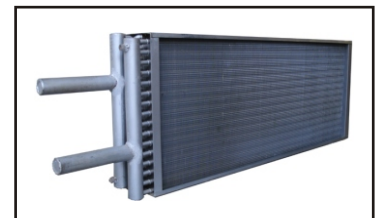
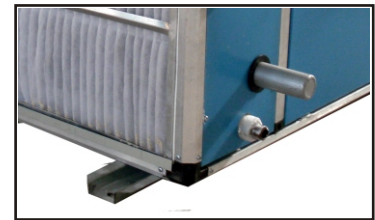
FRAME	:	Extruded Aluminum profile and 3D nylon corners etc.
CASING	:	23 ± 2 mm thick, double skin panels made of 0.6 mm sheets with high density Poly Urethane Foam (PUF) injected between the two skins
COOLING COILS	:	Chilled water type / DX type with Copper pipe and Aluminum fins
FILTERS	:	Synthetic, cleanable pre filters
DRAIN PAN	:	Dual pan with sandwiched insulation
MOUNTING	:	GSS mounting brackets

DIRECT DRIVE MODELS

BLOWERS	:	Aluminum, DIDW type, forward curved, centrifugal
MOTORS	:	ISI marked, Single phase, split capacitor type

BELT DRIVE MODELS

BLOWERS	:	AMCA certified DIDW type, forward curved, centrifugal twin-blower assembly
MOTORS	:	TEFC type, Three phase motors of standard make



CHARACTERISTICS

LOW HEIGHT	:	To ensure easier accommodation into areas with space constraint, generally above the false ceiling.
DOUBLE SKIN CASING	:	Higher efficiency and low noise
VIBRATION ISOLATORS	:	The motors in the direct driven models are mounted on vibration-absorbing rubber bushes and the belt drive units are provided with blower-motor assembly mounted on vibration isolators to make the units vibration free.
BOTTOM ACCESS	:	Access door is provided at bottom for easier maintenance
GASKET SEALED PANELS	:	Low leakage and quiet operation is ensured by using high quality gasket to seal the panels, doors etc.
DUAL DRAIN PAN	:	Ensures that there is no condensate developing on the unit body.

APPLICATIONS : Malls, Shopping plazas, Hotels, Restaurants, Offices, Clubs, Banks, Auditoriums etc.

OPTIONAL : S.S. Drain pan, Volume Control Dampers



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Airef Engineers

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