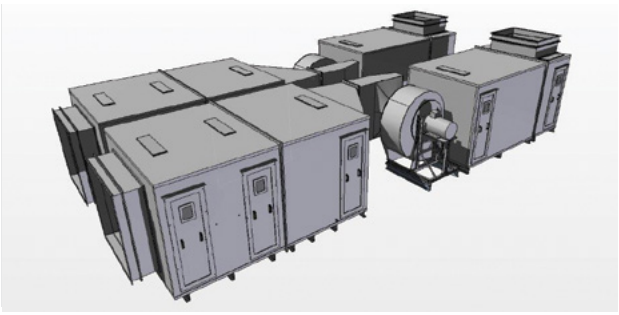
PLASTIC HEAT EXCHANGERS

PUSHING FRONTIERS TO DEVELOP THE RIGHT ENVIRONMENT

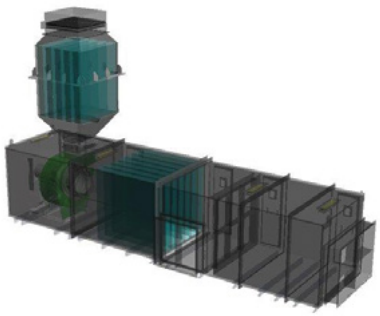
- The Plastica Technologies HF range of heat recovery units are made entirely from thermoplastic material enabling energy to be effectively recovered from chemical polluted air streams.
- This enables the units to work effectively in exhaust systems from laboratories, semi-conductor plants, chemical and pharmaceutical facilities, metal processing, electroplating and automobile sectors. In fact, any application where corrosion is a consideration.
- The housing is manufactured in strong hollow section wall panels with both a low base weight and thermal conductivity.
- The units are available complete with filters, silencers, dampers and fan units.
- The equipment can be installed either indoors our outside.

Air Handling Units installed at a large university fume cupboard exhaust system. Constructed entirely from Polypropylene offering excellent chemical resistance.

The Plastcon air handling system extracts valuable energy in the form of heat from the exhaust air, which can then be used for pre heating the incoming air steam.



Various configurations are available to meet the project specification and site requirement. By pass system can be incorporated to facilitate maintenance of the heat exchanger without disrupting the plant operation.



Separate centrifugal fans with optimum impeller efficiencies and high efficiency motors are incorporated within the units. Materials of construction include PP/PP-GRP/PE.

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