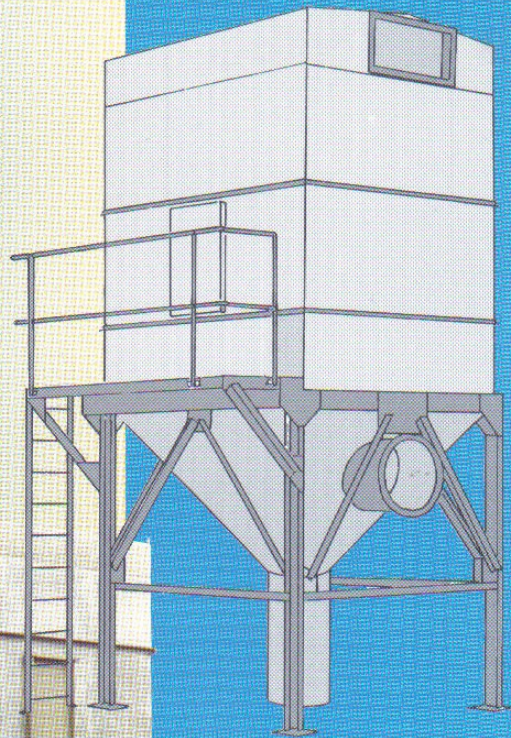
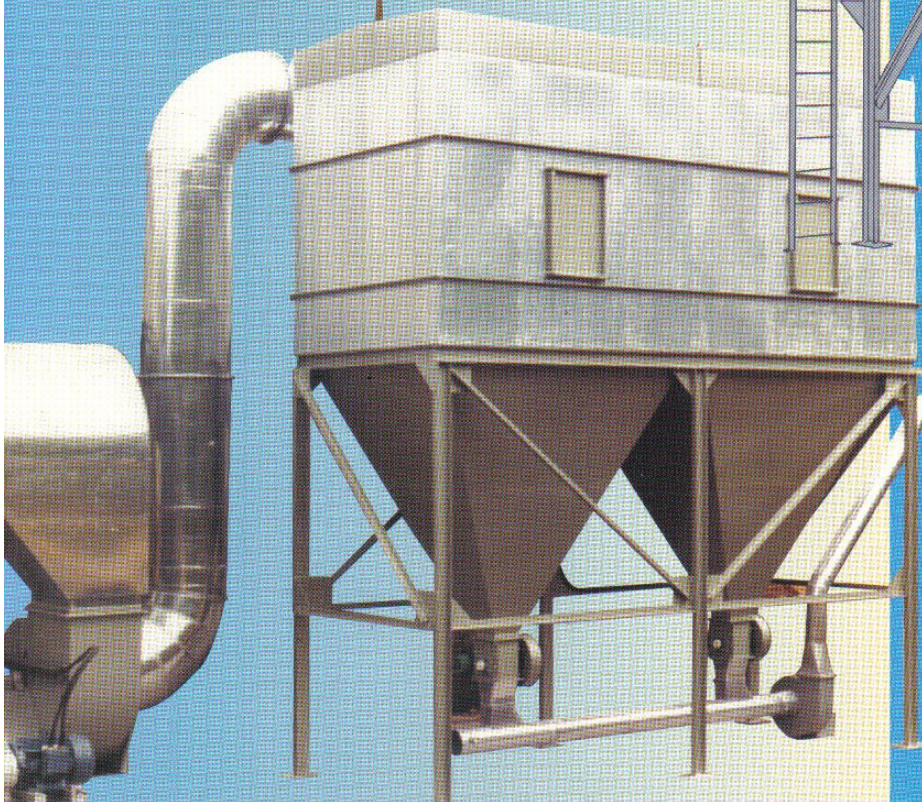


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Tube Filter



OTHER PRODUCTS

- Envelope Type Fabric Filter Units
- Silo Vent Filters
- Weld Fume Extractors
- Rotary Valves
- Reverse Jet Filters
- Mist Elimination

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HEAVY DUTY DESIGN

The range of standard tube filters offers larger types of unit than our standard envelopes to suit heavier dust loadings and air volumes if required. The units are of the modular type such that large permutations of filter cloth area may be attained based on six sizes from 710 to 1995. Each of the reference numbers relate to the cloth area in square feet i.e., the size 710 contains 710 sq ft. Since the application of these units vary greatly no fans are included in their design and these are usually selected separately according to application. Commonly they are floor mounted alongside the filter. However, alternative positions may be selected to suit your requirements.

SPECIALIST FILTER MEDIA

The filtration of the air is achieved by passing it through high efficiency needle felt tubes. These are carried internally on a series of hangers fitted with adjusters to ensure even tension on the tubes. The felt used is very abrasion resistant suitable for many uses such as fettling, chemicals, finishing, wood-waste and polishing applications. The tubes are nominally 2450mm X 180 diameter.

AUTOMATIC FABRIC CLEANING

The cleaning cycle is carried out by rapping the bags using a geared motor to drive a robust 'rocking tube' system specially designed to induce a vertical snap action and sideways rap to each tube. The system is carried on heavy duty life lubricated bearings mounted on a top frame within the filter casing. The geared drive motor is mounted inside the unit in the top section.

EASY DUST DISPOSAL

Each unit is complete with a valley type hopper(s) to channel the shaken dust into a circular type bin(s) having a quick release system at the base. The bins are released after clean down is complete and taken away for emptying at intervals according to the dust loading.

HARD WEARING FINISH

Each unit is manufactured in Zintec, coated mild steel and etch primed and finished with one coat of blue medium gloss.

ROBUST CONSTRUCTION

The casings of all units are robustly constructed from heavy gauge sheet in welded and bolted panel form with stiffening sections where required. The unit door is of the quick release type to allow easy access for filter changing. Optional access platforms are available for quick access.

MULTIPLE OPTIONS

Flange mounting units are offered for silo mounting where required.

Explosion relief features including anti-spark fans, earthed filter elements, reinforced construction and blast relief doors are available for hazardous applications.

Manometers are available which provide visual indication of the pressure drop across the filter where it is essential to monitor filter efficiency.

Rotary air lock as an alternative to discharge into the standard dust collection bin for use in direct conveying or discharge systems. Units may also be raised to position directly over skips or collection container to reduce handling.

Access platform can be supplied complete with ladder and hand rails to allow quick inspection and filter tube changing.

Fans of various sizes and types can be supplied for either direct mounting on the unit or remote siting.

Units may be manufactured in alternative materials to suit special recommendations.

After sales spares and / or maintenance contracts are available to ensure the equipment continues to work effectively in line with C.O.S.H.H. regulations.

DUSTAIR LIMITED DUST CONTROL AND AIR FILTRATION ENGINEERS

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