

# Conversion of Filter



Due to technological advances, all the Filters and Waste Removal Systems manufactured now are with positive exhaust. In the earlier filters supplied by all the leading manufacturers of Blow Rooms, the air was allowed to escape from the secondary filter at atmospheric pressure. This was causing back pressure requiring frequent cleaning of filter media of the secondary filter resulting in loss of production.

We are glad to inform you that we have now developed Conversion kits for these old types of filters to change them into positive exhaust systems. Due to this conversion the air escaping from the secondary filter is removed by a Centrifugal Fan thus creating a vacuum allowing exhaust from the Blow Room machines to get a free passage.



## The conversion consists of the following items

- Centrifugal Fan with 11 k.w Motor
- Fabricated parts to connect existing filter to an extended chamber for Centrifugal Fan
- 5 H.P Blower for Suction Nozzle to remove dust from the Secondary Filter media
- Dust Compactor

## Benefits of the Conversion

- Better suction at Blow Room thus avoiding beater jamming
- Better cleaning efficiency due to pressure drop on the exhaust side of the Condensers
- Less stoppage of Filter Systems thus increasing productivity
- Cleaner atmosphere in the Filter Room as otherwise due to increased pressure the dusty air comes out through the door which is some times kept open to avoid back pressure

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The 5 H.P Blower will be used for suction through Nozzle for better cleaning of the secondary filter media. The Dust Compactor will be used to replace the existing filter bags which require frequent cleaning and create air pollution as dust escapes from the bags while cleaning the same. The Dust Compactor does not require any cleaning and the dust is collected as a ball form in a drum kept under the Compactor.



## **Henna Tex**

5/12, Manish Ind. Estate, Navghar, Vasai (E.), Dist: Thane - 401 210, INDIA.

Tel/Fax: +91 – 0250 – 2391522 Mob: +91 – 9321666885/ +91 – 9820083040

Email: [hennatex@mtnl.net.in](mailto:hennatex@mtnl.net.in) Website: [www.hennatex.com](http://www.hennatex.com)