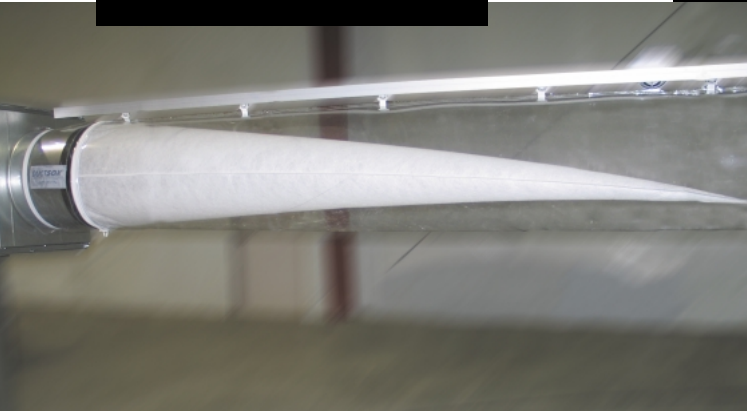


# DUCTSOX<sup>®</sup>

## FF

### FINAL FILTER



#### WHY WOULD YOU EVER PUT A FINAL FILTER IN A DUCTSOX?

Filter the air just before you breath it. Typical filtration is designed to reduce dirt build up in your HVAC equipment. By filtering the air as it enters a DuctSox system, you are providing filtration to improve the quality of air that is being disperse.

#### CAPTURE DIRT FROM HVAC DUCT

The industry standard pre-filter allows 70% of dirt to pass into the air handling unit or the conventional ductwork. Without additional filtration, these particles are deposited in the HVAC system, or dispersed with the conditioned air. A final filter at the inlet of a DuctSox system reduces the amount of particles that pass into and through the DuctSox system.

#### POSITIVE PRESSURE SIDE LOCATION

Gaps around filters operating in a negative pressure environment allow dirt to pass by unobstructed. Depending on the environment, this could significantly reduce the filter efficiency. On the positive pressure side, a zip-in final filters 100% of the air that will be dispersed by the DuctSox system. By using high quality zippers and a complete exterior overlap, there is minimal airflow leakage before the filter.

#### SPECIAL CONSIDERATIONS

Including a DuctSox Final Filter requires customer involvement. Different than traditional filtration, a DuctSox final filter may not be obvious to the average customer. If included, the customer will want to consider:

- Pre-filter required for extended life
- Sufficient static pressure available
- Inlet location - replacement
- Replacement of filters

A key consideration is the commitment to filtration. If the customer decides to remove the filters, as with any system, the overall balance of the HVAC system will be effected, resulting in additional airflow and potential performance concerns.

#### SPACE CONSERVATION - PUT IT INSIDE

Final filtration can be added in other ways. By adding a filter bay in the air handling unit - or in the ductwork plan will take up a significant amount of space. By placing a pliable final filter inside of the DuctSox system, no additional space is required. The extended conical shape allows for a large amount of surface area, without adding construction costs.

#### EASY REPLACEMENT

By locating the final filter in the conditioned space, the inlet of the DuctSox may be easily accessed to replace the filter. Simply unzip - and replace.

