Specialists in Industrial Silencing

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Series F Air Intake Filters and Filter Silencers –F11, F21, F22, F41, and F42

These Filters and Filter Silencers use filter panels. They are designed to filter the air to the customer's specifications. Ambient air is drawn through one or a series of panels and out the customers piping system. Orientation of the outlet pipe is per the customer's request. The F11, F21, and F41 are designed for filtration. They are suitable for interior or exterior usage. The F11 and F21 are single or double stage filtration. The F41 is a three stage filter, with HEPA efficiency.

For Filter and silencing capacity use the F22 and F42. The filtration is equivalent to the F21 and F41 but a high frequency absorber section is added to the outlet of the silencer.

The F21, F22, F41, and F42 are unique in the industry in that an expanded metal guard is added to the inlet of the outlet pipe to ensure that any maintenance rags will not be drawn into the piping system.

Standard Application is for centrifugal blowers and fans. Rotary Positive Blowers need to have a Stoddard Silencer intake silencer between the filter and blower.

- Upon Receipt of a Filter/ Filter Silencer
  - Inspect the silencer for damage prior to signing the delivery receipt.
  - Concealed damage must be reported within two days.
  - Notify Stoddard Silencers, Inc. of any freight damage.
  - Insure that the item received is the item ordered.
  - Protect the silencer in the carton until ready to use.
- Filter/ Filter Silencer Storage
  - Protect the unit from foreign objects entering the silencer.
  - Store the unit off the ground and protect the silencer from water damage to the silencer and carton.
  - If stored outdoors protect the silencer from local environmental conditions.
- External Loads
  - Stoddard Silencers are NOT designed to support your piping system, added piping weights, e.g. Relief Valves. Additional mounting to the silencer, e.g. accessories, clips, and support and legs, must be stated on the purchase order.
- Inspect the Filter/ Filter Silencer prior to installation.
  - Clean and repair any corrosion damage to the exterior of the silencer as per your paint mfg.

- If questions arise on the integrity of the Filter/ Filter silencer do not hesitate to contact Stoddard Silencers.
- Parts required to mount the Filter/Filter Silencer, to a package or system, are not provided with the silencer.
- Insure that the silencer is aligned with the piping components without structural loads being applied to the Filter/Filter Silencer.
- Expansion Joints are recommended between a mounted Filter/Filter Silencer, blower and piping systems.

➢ Maintenance and other inspections
- Filters should be purchased from Stoddard Silencers, Inc. to ensure that specified filtration is maintained.
- The filters should be serviced well before the maximum pressure drop across the element is achieved; 15 inch W. C.
- Surface damage to the silencer can be cleaned and repainted per the paint manufactures instruction.

➢ Safety
- When inspecting or customer modifications, ensure that safety procedures are followed and nothing remains in the silencer after work is completed.
- Locked out and tagged out the applicable blower system, prior to filter maintenance.

➢ Modifications
- Stoddard Silencers has many years of experience modifying our design to fit a customer's requirements. However, modifications or additions to our silencer after leaving the factory will void the silencers' warranty