

# TBFS

Turbo Blower Filters and Silencers



## Features

- Durable galvanized steel and epoxy coated aluminum construction
- Rigid thermoplastic filter cover
- Available in six filter models, seven silencer models and seven models of filter/silencer combinations

## Benefits

- Efficient air filtration
- Effective noise reduction
- Minimum pressure drop
- Easy to install
- Easy to clean filter



Hauck provides a complete line of highly efficient blower filters, silencers, and filter-silencers for use on TBA Turbo Blowers or any conventionally designed blower. These units offer not only efficient air filtration with a particulate removal efficiency of greater than 90% @ 10 $\mu$ m or larger, but also substantial reductions in dB(A) noise levels while making minimal demands on blower pressure.

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Combustion Excellence Since 1888

# TBFS

TURBO BLOWER FILTERS & SILENCERS



## ADVANTAGES OF THE TBFS

**Efficient Air Filtration**

**Effective Noise Reduction**

**Minimum Pressure Drop**

**Wide Range of Selection**

**Easy to Install**

**Easy to Clean Filter**

**Inlet Filter (FBI).** The Hauck Blower Inlet Filter is designed to provide efficient air filtration. The filter element is constructed of multiple layers of corrugated mesh (galvanized steel and epoxy coated aluminum) between two aluminum end plates. The filter element is mounted on a steel cylinder having eight studs for attaching to the blower inlet flange. Two stud patterns are available; one designed for Hauck blowers and the other designed for a standard ANSI Class 125 flange. A light, rigid thermoplastic end cover holds the element in place and provides mid and high frequency sound attenuation. The filter and its support are designed to allow the easy, rapid removal of the filter element for cleaning. Six models are available with inlet diameters of 8, 10, 12, 14 and 18 inches. The unique construction of this unit minimizes the pressure drop normally experienced in a filtering system.

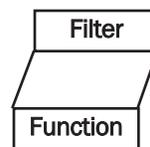
**Inlet Silencer (SBI).** The Hauck Blower Inlet Silencer is engineered to provide effective sound attenuation in the 63 to 8,000 Hz frequency range. The design and the construction materials used ensure a long, trouble-free service life. The silencer consists of a steel outer shell and a perforated inner shell and cone. The area between the shells is packed with sound absorbing material. The unit is designed with a studded flange for easy attachment to the blower inlet flange. Two stud patterns are available; one designed for Hauck blowers and the other designed for a standard ANSI Class 125 flange. Seven models are available with inlet diameters of 8, 10, 12, 14 and 18 inches. The reduction in dB(A) noise level achieved by the silencer varies with the design and construction of the blower with which it is used. The pressure drop induced by the silencer is practically negligible.



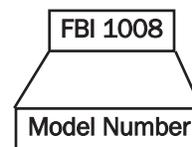
**Inlet Filter Silencer (FSB).** The Hauck Blower Inlet Filter Silencer is a compact combination of the filter and silencer models. In a single unit, it combines an efficient air filtration capability with effective sound attenuation in the 63 to 8,000 Hz frequency range. The silencer section is equipped with eight studs for attaching to the blower inlet flange. Two stud patterns are available; one designed for Hauck blowers and the other designed for a standard ANSI Class 125 flange. Seven models are available with inlet diameters of 8, 10, 12, 14 and 18 inches.

For your convenience, the proper accessories for each Hauck TBA blower have been determined. The selection tables shown in TBFS-4.1 and -4.2 allow you to immediately determine the units which are best for your application.

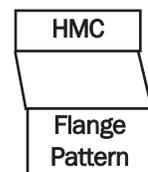
### ORDERING INFORMATION



Filter  
Silencer  
Filter-Silencer



From Table



HMC - For use with  
Hauck Blowers

ANSI - For use with  
standard Class  
125 flange