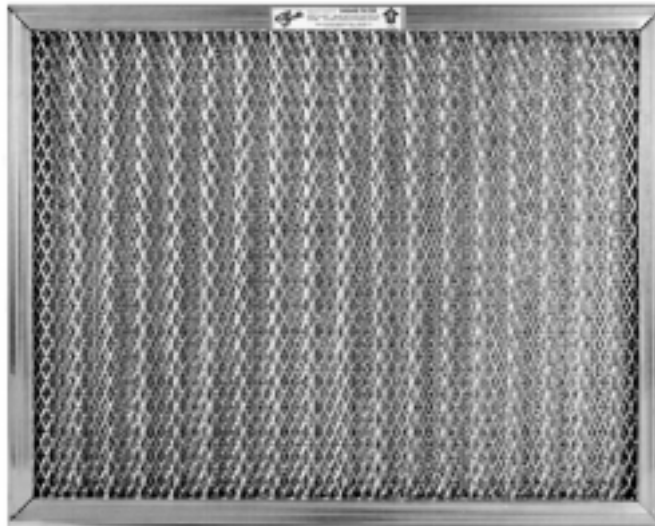




# MIST ELIMINATOR FILTER



A combination of both mesh and screen wire enclosed in a heavy metal frame make up the:

**Mist Eliminator Filter**

Available in Aluminum, Galvanized Steel and Stainless Steel, this filter is designed to remove oil mist and water droplets from the air.

# MIST ELIMINATOR FILTER

ALUMINUM, GALVANIZED STEEL AND STAINLESS STEEL

The MIST ELIMINATORS are designed for use in air handling systems that require the collection of either oil mist or water droplets.

Oil mist is most commonly found in production machine shops where oil is used to lubricate machines. By catching the excessive oil, the machine and area around it stays cleaner and safer for those working in that area. These filters also keep the air cleaner by eliminating excess oil from getting into the air.

The Mist Eliminators are also effective on water droplets, found on cooling coils, humidifiers and cooling towers where steam has condensed into water droplets. In the air supply, water droplets may occur as carry over from cooling coils and evaporative media or unevaporated moisture downstream from humidifiers.

**ALUMINUM** - The Aluminum Mist Eliminator is made with an .037 Aluminum frame, surrounding a multi layered pad which includes both Aluminum expanded media and screen.

**GALVANIZED STEEL** - The Galvanized Steel Mist Eliminator is made with a 24 gauge Galvanized Frame, surrounding a multi layered pad of .0157 Galvanized expanded media and screen.

**STAINLESS STEEL** - The Stainless Steel Mist Eliminator has a 304 Stainless Frame with multiple layers of Stainless Steel expanded media and screen throughout the filter.

**DRAWINGS** - Because of the wide variety of "mist eliminators", drawing may be necessary to assure the filter is made to the correct specifications. When requesting a quote or placing an order, please include a drawing if there are special features that the filter has.

**STOCK SIZES** - The MIST ELIMINATOR FILTER comes in a wide variety of stock sizes. Actual size of "Stock Filters" are 1/2" under in length and width, 1/8" under in depth. (Example: 20x20x2 is actually 19 1/2 x 19 1/2 x 1 7/8).

**SPECIAL SIZES** - Filter can be custom made to fit odd size applications. In ordering sizes other than those shown in the price book, state exact size required in length, width and thickness. Available in thicknesses from 2" - 12". Special sizes can not be returned for credit.

**CLEANABILITY** - Filters can be quickly and effectively cleaned with steam or hot water applied with a pressure hose. What to use to clean this filter depending mainly upon the type of Mist Eliminator it is. For the Aluminum Mist Eliminator, do not use a strong Alkali Solution when cleaning being it will eat away at the Aluminum. A Galvanized Steel Mist Eliminator is more resilient when it comes to stronger cleaners yet these may discolor the Galvanized media. With the Stainless Steel Mist Eliminator, any solution is acceptable when it comes to cleaning this filter.

**HANDLES** - A variety of handles are available, at an additional charge, to be attached to the Smith Mist Eliminator. Three of these handles are:



**BAIL  
HANDLES**  
stock #1007

**LOCK-TYPE  
HANDLES**  
stock # 1009

**RIGID  
HANDLES**  
stock #1010

## MAXIMUM TEMPERATURE RANGE:

ALUMINUM MIST ELIMINATOR

**250 Degrees F.**

GALVANIZED MIST ELIMINATOR

**450 Degrees F.**

STAINLESS STEEL MIST ELIMINATOR

**900 Degrees F.**

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