

SCHEDA TECNICA

EFO-3002/AL, EFO-5002/AL

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Electrostatic filter EFO

TO ACHIEVE OPTIMUM PERFORMANCE AND SAFETY, PLEASE READ THESE MA-

NUALS CAREFULLY BEFORE USING YOUR FILTER.

PlymoVent oilmist filters EFO are specially developed to handle oilmist problems. They work with a unique combination of mechanical and electrostatic filtration. Mechanical cleaning traps most of the oil, entailing that the filter cassettes rarely need to be cleaned since the oil is led down into the separation chamber. They work according to the principle of electrostatic precipitation which is the acknowledged best method of maximal cleaning of air containing oil particles. The cleaned air is recirculated to the premises owing to the filtering efficiency. In other cases, the EFO filters are used in combination with heat-exchangers. The EFO units are designed to handle air cleaning in the most demanding industrial environment. They are equipped with heavy-duty electrostatic cells with a long life span and they do not require any maintenanc.Per ogni ulteriore informazione contattare AIRUM t 051/60.25.072

Advantages

- Highly efficient electrostatic cells and separate ionizing cells of the industrial type.
- Great energy savings recirculation of air means no heating losses.
- A great deal of the oil particles are separated already in the unique separation box. This means extended operating time between filter cleaning and easy recycling of the oil. Effective for water-base oil emulsions, too, thanks to the hydro-filter.
- Easy to service. Economic. The prefilter, the ionizing cell and the collection cell can be washed and reused for many years.

Delivery

All of PlymoVent's oilmist filter EFO are delivered with separation box and collecting sump.

General

When starting up a new filter or when changing to a new ionising cell, there will be a build-up of ozone for a few hours. GS tests show that in normal use the electrostatic filter generates a level of ozone which is one tenth of the occu-pational exposure level. An electro-static filter should not be used for fumes and oilmists whose temperature is more than 80°C nor where the flameability of oil is below 150°C. The filter is to be shut off for at least 1 hour per day in order to guarantee drainage.

Restrictions

It is forbidden to use a PlymoVent electrostatic filter for explosive gases. An electrostatic filter makes sparks in the ionisation process which could result in ignition or explosion of such gases. It is also unsuitable for oils containing emulsifiers (particles that conduct electricity). These oils may result in a high risk for short-circuits which could shorten the life or destroy the filter plus risks for safety. It is forbidden to install an electrostatic filter in an explosive atmosphere.

NOTE! PLYMOVENTS PRODUCT RESPONSIBILITY ONLY APPLIES IF THE EQUIPMENT IS NOT ALTERED OR ADDED TO, OTHER THAN WITH THE WRITTEN CONSENT OF PLYMOVENT AB.

Assortment



EFO-3002/AL Including Separation box and inlet socket.



EFO-5002/AL Including Separation box and inlet socket.

