

CECO Busch



SECONDARY EMISSIONS CONTROL FOR LEAD AND METALLURGICAL FUMES

BUSCH FEF SERIES FUGITIVE EMISSION FILTRATION UNITS

PACKAGED UNIT | PRE-ASSEMBLED | PRE-WIRED



CECO
ENVIRONMENTAL

FUGITIVE EMISSION FILTRATION

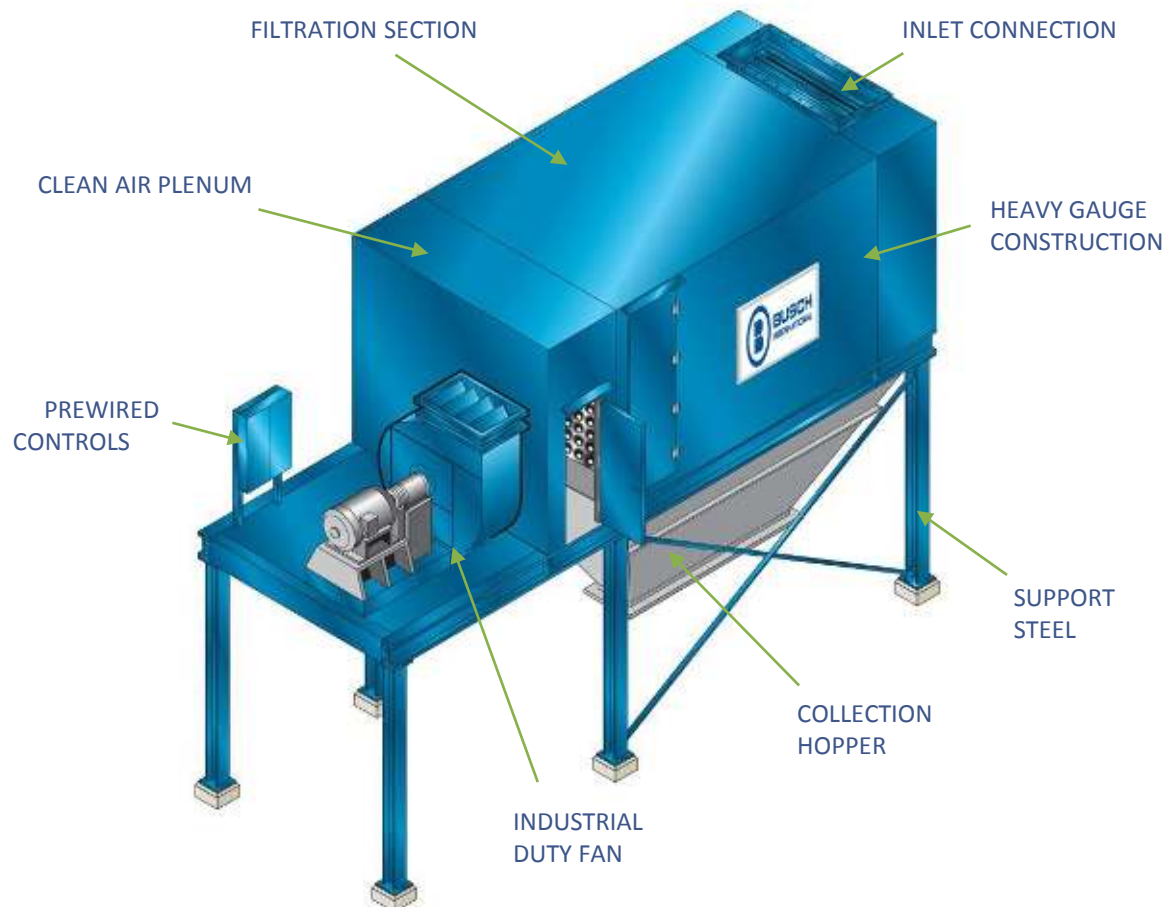
Busch FEF Series industrial grade, fugitive emission filtration units use high efficiency, self-cleaning fabric filtration tubes. These units are ideal for removing heat and fugitive dusts from metal melting and lead processing applications. The modules are factory assembled with a filtration system, pulse cleaning, fabric tubes, controls, and main air blower on a common structural based.

Significant cost savings over field-assembled systems are realized because the FEF Series Units are shipped pre-assembled, wired and factory tested. Minimum field labor is required for unit installation. Only connection to main power and compressed air source are necessary to initiate operation. Multiple modules are arranged for a built-up system with air volume capacity as required, to satisfy the project requirements. Project costs are often lower when compared to a system consisting of baghouse modules, interconnecting duct and separate fans.

The FEF Series Units come in standard sizes available for easy installation. Unit arrangement dimensions, location, connections, materials of construction and wiring are modified to meet individual user specifications. Construction features include a structural base, steel floor plate, heavy gauge welded housing panels and heavy-duty door hardware. Centrifugal fans are minimum Class III construction and are backwardly-inclined power limiting design. Electrical enclosures are NEMA 12 or NEMA 4 with wiring in rigid conduit. Optional electrical enclosures are available to suit plant standards.

FEF Series Units are designed to store dust within the base of the compartment or a storage hopper below.

FEF SERIES UNIT ARRANGEMENT



ACCESSORIES AND OPTIONS

- Alternate paint systems
- Stainless steel construction
- HEPA second stage filtration
- Hoppers for dust storage
- Sound attenuation
- Variable speed drives
- Dampers
- Screw conveyor
- Support steel and platforms
- Gas adsorption
- System design for building pressurization and ventilation

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