Dominion Engineering, Inc.

AMFM-X750 Filtration System

Description

Similar to the AMFM-B500 and -P500 systems, the AMFM-X750 is a submersible filtration system that uses a patented ultrasonic regeneration process to refresh the capacity of its AMFM™ filters many times over its long service life. The main differences are that the AMFM-X750:

- Operates at a higher flow rate (750 gpm)
- Is designed for 24/7/365 continuous use (i.e., the ultrasonic regeneration process is automated and requires no human intervention)
- Filters are upstream of the pumps to protect the pumps from contamination
- Uses shorter AMFM™ filter elements that can be disposed of in an 8-120B cask, if desired

Applications

AMFM™ filtration systems are economical relative to traditional filtration systems because they avoid the generation of disposable plastic filters and offer a compact, low maintenance design. Because the AMFM-X750 is designed for continuous use at 750 gpm, it is ideal for replacing:

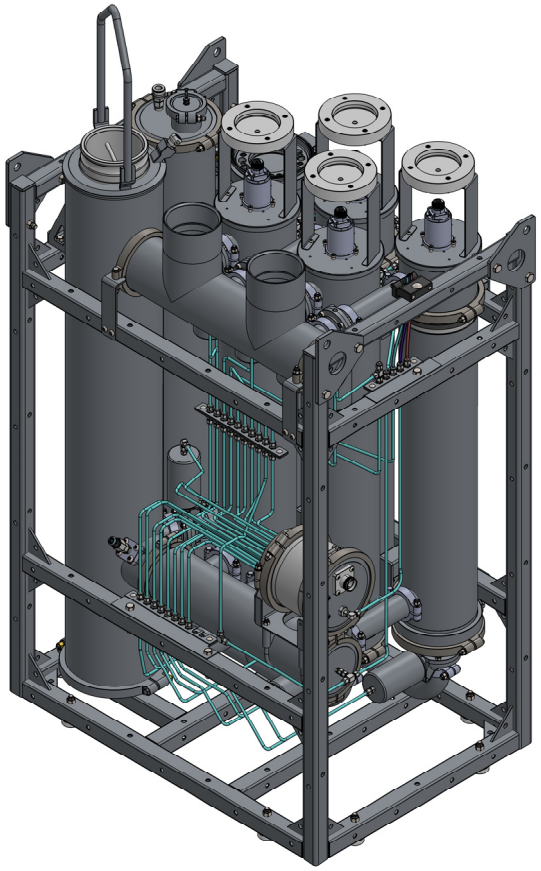
- Aging or unreliable plant-installed fuel pool purification equipment
- High flow plastic filtration systems used for supplemental filtration during outages

Features and Specifications

- 10+ year service life for AMFM™ filter elements for most applications
- Flow rate: 750 gpm (@3.0 micron media)
- Dimensions: 32″ x 46″ x 87″
- Filter Size: 8″ diameter x 40″ length
- Electrical—One 3-phase 480 V receptacle
- Skid designed for free-standing installation (curb-hung installation also possible)
- Several filter media ratings available (sub-micron to >1 micron)
- Two suction port connections for general filtration and/or vacuuming (e.g., surface skimmer, floor/robotic vacuuming activities, etc.)

Benefits

- Saves outage time by facilitating rapid cavity cleanup and eliminating plastic filter changeouts
- 4X increase in filter area and 1.5X increase in flow capacity compared to AMFM-B500
- Shorter filter elements provide greater flexibility in ultimate disposal
- $800k/year savings relative to traditional plastic filters reported at two-unit site
- Each AMFM™ eliminates several hundred plastic filters and can remain in-service throughout plant life and decommissioning



AMFM-X750 filtration system

For more information, contact Mike Little (*mlittle@domeng.com*), or Dale Vines (*dvines@domeng.com*)

Dominion Engineering, Inc.

AMFM-X1500 Filtration System

Description

Similar to the AMFM-B500 and -P500 systems, the AMFM-X1500 is a submersible filtration system that uses a patented ultrasonic regeneration process to refresh the capacity of its AMFM™ filters many times over its long service life. The main differences are that the AMFM-X1500:

- Operates at a higher flow rate (1500 gpm)
- Is designed for 24/7/365 continuous use (i.e., the ultrasonic regeneration process is automated and requires no human intervention)
- Filters are upstream of the pumps to protect the pumps from contamination
- Uses shorter AMFM™ filter elements that can be disposed of in an 8-120B cask, if desired

Applications

AMFM™ filtration systems are economical relative to traditional filtration systems because they avoid the generation of disposable plastic filters and offer a compact, low maintenance design. Because the AMFM-X1500 is designed for continuous use at 1500 gpm, it is ideal for replacing:

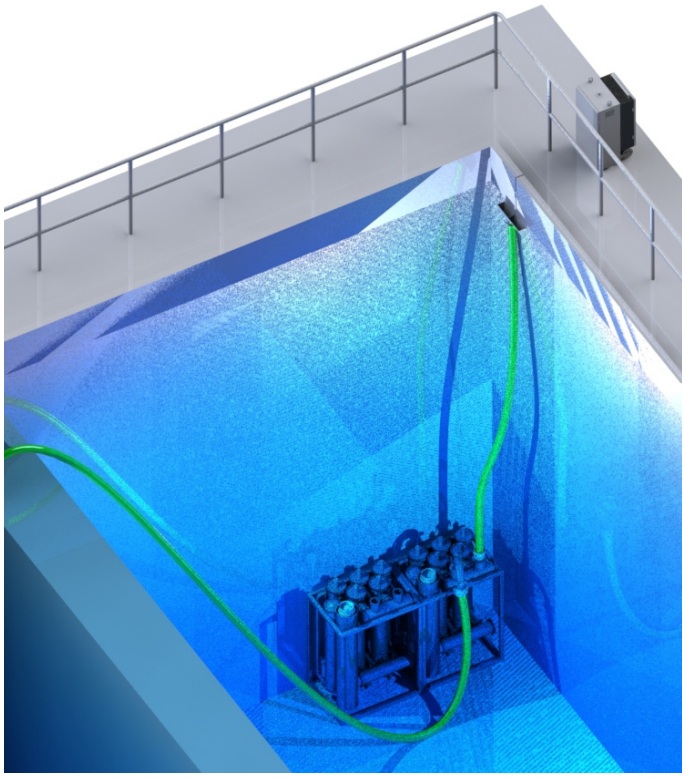
- Aging or unreliable plant-installed fuel pool purification equipment
- High flow plastic filtration systems used for supplemental filtration during outages

Features and Specifications

- 10+ year service life for AMFM™ filter elements for most applications
- Flow rate: 1500 gpm (@3.0 micron media)
- Dimensions: 46″ x 64″ x 87″
- Filter Size: 8″ diameter x 40″ length
- Electrical—One 3-phase 480 V receptacle
- Skid designed for free-standing installation (curb-hung installation also possible)
- Several filter media ratings available (sub-micron to >1 micron)
- Two suction port connections for general filtration and/or vacuuming (e.g., surface skimmer, floor/robotic vacuuming activities, etc.)

Benefits

- Saves outage time by facilitating rapid cavity cleanup and eliminating plastic filter changeouts
- Dual pump design enhances simultaneous general filtration and vacuuming
- 8X increase in filter area and 3X increase in flow capacity compared to AMFM-B500
- Shorter filter elements provide greater flexibility in ultimate disposal
- $800k/year savings relative to traditional plastic filters reported at two-unit site
- Each AMFM™ eliminates several hundred plastic filters and can remain in-service throughout plant life and decommissioning



AMFM-X1500 filtration system

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