Filter Technology with an MERV 16 Rating

Tri-Mer Corp. a technology company specializing in air pollution control systems, has introduced Tri-Flow, a new filtration concept that delivers HEPA-like performance with an MERV 16 rating. Additionally, the filters:

- Are a higher-performing alternative to bag, cartridge and pocket filters, which are typically rated MERV 10 to 13.
- Have a small footprint and an exceptionally large filter surface area: they provide 2 to 3 times more filtration compared to similarly dimensioned bag (pocket) filters.
- Offer an even greater increase in filtration area versus volume in comparison to sleeve-type high efficiency filters.
- Feature a design that provides in-line pulse jet cleaning and maintains an exceptionally low operating pressure drop.
- Typically achieve efficiencies of 99.999 percent on 0.5 micron and larger particles (by weight).
- Are self-supporting and are manufactured using proprietary filter media tailored to the application.
- Feature 7 filter media, including options for oleophobic, high temperature and anti-static applications — all media is pleated and continuously bonded for maximum dimensional stability and filtration integrity.
- Have a multi-year service life for virtually all industrial applications: compared with conventional bag or cartridge-type filters, service life is 3 to 5 times longer, with zero compromise of filter performance.
- Feature filter change-out that is fast , tool-free, and is done from outside the collector (from the clean air plenum side) — As a result, it is never

necessary to enter the dirty air plenum side for servicing, a feature which eliminates concerns about employee exposure to hazardous dusts.
- Can often be accommodated into existing dust collectors.

www.tri-mer.com [1]

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