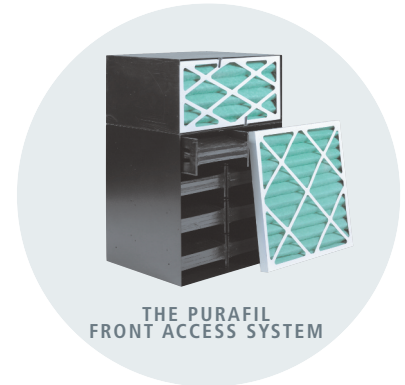


# PRODUCT BULLETIN 4 THE PURAFIL FRONT ACCESS SYSTEM




**THE FRONT ACCESS SYSTEM (FAS)** consists of modular frames that are individually tracked for Purafil media modules. Frames can be stacked to any size or configuration to meet any space requirement. The FAS is specified in retrofit applications with high airflows or for custom air handling units. Depending on the model chosen, each frame with modules can handle airflows up to 2,000 cfm (3,398 m<sup>3</sup>/hr) and has a pressure drop of 0.5 iwg (125 Pa).



## STANDARD FEATURES

- 16 gage steel frames
- Custom selection of Purafil media
- Purafil disposable media modules
- Particulate filtration
- Corrosion-resistant paint

## OPTIONAL FEATURES

- Stainless steel
- Special coatings

## PURAFIL FRONT ACCESS SYSTEM DESIGN FLEXIBILITY:

The Front Access System consists of box-shaped units called "frames" which may be stacked vertically or horizontally, giving the system flexibility in terms of size and shape. This unique design allows the Front Access System to meet space availability requirements for easy installation within most air handling units.

## EASY HANDLING AND MAINTENANCE:

The frames within the Front Access System are individually tracked to hold modules containing Purafil's dry scrubbing media. Each frame is designed for quick and easy installation and removal of media modules. Purafil offers factory-filled modules, which come ready to be installed and are disposable after use.

## LONGER LIFE THAN TRAYS:

The modules hold more media than traditional thin bed trays, which means less handling and longer service life.

## LOW SYSTEM PRESSURE DROP:

Low pressure drop (0.5 iwg/125 Pa) and high contaminant removal efficiency: The "V"-shaped design of Purafil's media modules improves contaminant removal efficiency by lowering velocity within the media bed and increasing surface area. As a result, no mechanical alterations to fans are required due to low pressure drop within the Front Access System.

## COMBINATION GAS-PHASE AND PARTICULATE FILTRATION

Particulate pre-filtration is also an integral part of the Front Access System; no additional particulate filters are needed to maintain optimum performance.

## MEDIA SELECTION:

Purafil offers a wide variety of dry-chemical media that target individual contaminants. You may customize your selection of dry-chemical media according to the contaminants present in your unique environment.



## SYSTEM SIZES:

- 12 x 24 x 20 inches (305 x 610 x 508 mm). Contains your choice of clips for 2 inch or 4 inch particulate filters. Includes 2, PK-18 modules per frame
- 24 x 24 x 20 inches (610 x 610 x 508 mm). Contains your choice of clips for 2 inch or 4 inch particulate filters. Includes 4, PK-18 modules per frame.

## SYSTEM SUPPORT:

Ask your local Purafil representative for details on the technical services offered by our state-of-the-art laboratory. Purafil's comprehensive service program includes media life analysis, environmental classification coupon testing and competitive media capacity testing.