

# Whole-House Media Air Cleaners



**PROTECH™**  
Professional Quality HVAC Parts and Supplies

## RIGHT ANGLE

### THE IDEAL SOLUTION FOR INSTALLATIONS WITH A 90° DUCT ADAPTER

To meet these specific installation challenges, Protech™ Right Angle features an exclusive design with an adjustable duct opening that significantly reduces installation time.

Protech™ whole-house media air cleaners are much more efficient than ordinary furnace filters. The Protech™ media filter outperforms the competition because of its highly-efficient synthetic material that features radial pleating and an omnidirectional airflow design.



### THE PROTECH™ RIGHT ANGLE FEATURES:

- **Fast & Easy Installation** – Built-in ductwork and an adjustable duct opening eliminate need for field-fabrication transitions which significantly reduces installation time! Plus, all mounting holes are provided, so no drilling is required.
- **Maximum Reliability** – There are no electrical components, so there is little chance for failure.
- **Space-Saving Design** – This intelligent design saves 6" to 8" (152.4 - 203.2 mm), compared to competitive products with 90° turns. This makes it ideal for basement applications.
- **Proper Air Distribution** – The unit works as a turning vane, providing even distribution of air across the filter.

### HOW IT WORKS

Protech™ Right Angle is directly mounted to a home's heating and cooling system. The high-efficiency Protech™ media filter captures the smaller, invisible particles that standard furnace and electrostatic filters miss. The non-woven, pleated Protech™ media filter traps particles as small as one micron, so clean air is circulated back into the home.

Most common media filters (Figure 1) restrict airflow throughout the heating and cooling system, causing higher energy costs. This surface accumulation of airborne particles restricts airflow and makes the entire heating/cooling system work harder. Protech™ filters (Figure 2) capture and retain pollutants inside the filter, allowing air to flow freely through the system, increasing efficiency and reducing heating and cooling costs.



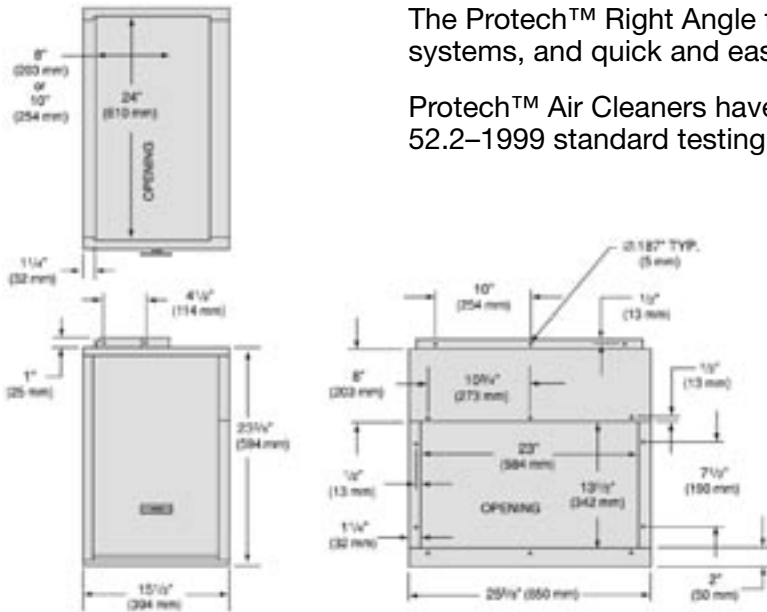
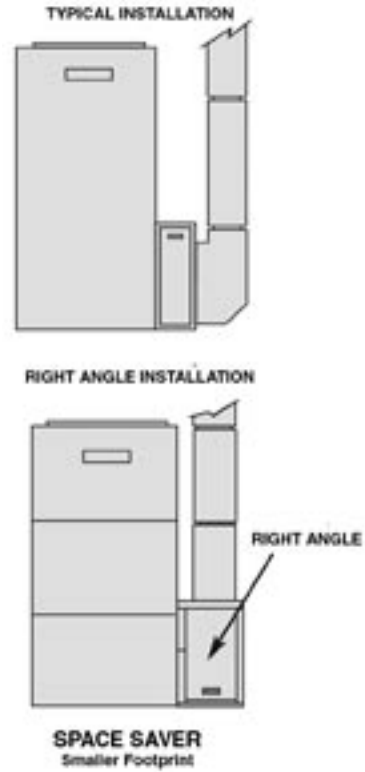
**FIGURE 1**  
MOST MEDIA FILTERS



**FIGURE 2**  
PROTECH™ FILTERS

# Right Angle Media Air Cleaner Specifications

MODEL	PROTECH™ RIGHT ANGLE
PART NO.	84-25050-03
RATED AIR FLOW	2000 CFM (3398 M <sup>3</sup> /HR)
MERV RATING	8
OUTSIDE DIMENSIONS INCHES (mm)	25 <sup>5</sup> / <sub>8</sub> D x 24 <sup>3</sup> / <sub>8</sub> H x 15 <sup>1</sup> / <sub>2</sub> W (650 x 619 x 394)
ADJUSTABLE DUCT OPENING – IN. (mm)	24 x 8 (610 x 203) or 24 x 10 (610 x 254)
FURNACE OPENING	23 x 13 <sup>1</sup> / <sub>2</sub> (584 x 342)
MEDIA SIZE INCHES (mm)	5 D x 20 H x 24 <sup>1</sup> / <sub>4</sub> W (127 x 508 x 622)
MEDIA TYPE	100% synthetic disposable/ factory assembled
MEDIA LISTING	UL classified (see complete marking on product)
CABINET FINISH	Powder-coated paint finish
SHIPPING WT. LBS. (kg)	35 (15.8)
UNIVERSAL	Right/left hand



The Protech™ Right Angle features include low resistance for HVAC systems, and quick and easy installation.

Protech™ Air Cleaners have been tested using ANSI / ASHRAE 52.2–1999 standard testing procedures.

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