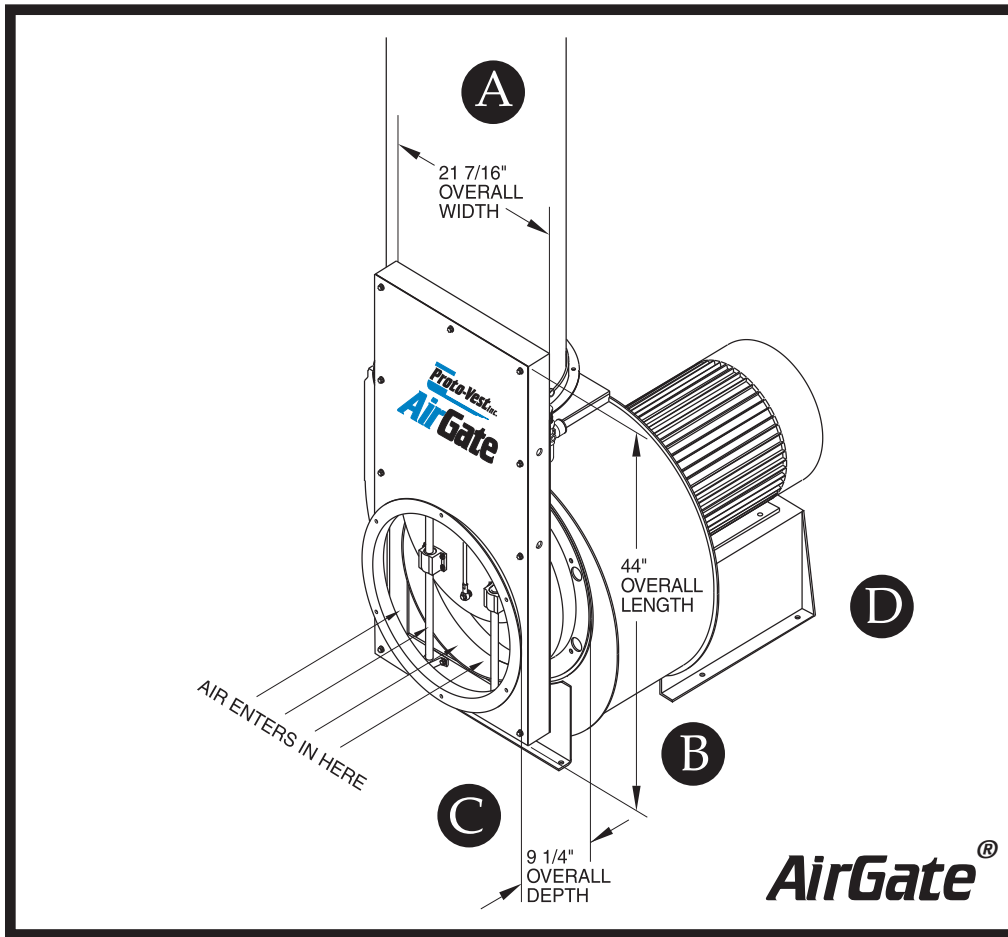


# Reduce energy costs without sacrificing performance



## EQUIPMENT

- A** OVERALL WIDTH  
21 <sup>7</sup>/<sub>16</sub> in.
- B** OVERALL LENGTH  
44 in.
- C** OVERALL DEPTH  
9 <sup>1</sup>/<sub>4</sub> in.
- D** NOTE: The Proto-Vest dryer's dimensions will vary slightly with the AirGate® attachment.

## REQUIREMENTS

- <sup>1</sup>/<sub>4</sub> inch I.D. air line
- 1 - 24v AC control wire

## GENERAL DESCRIPTION

The Proto-Vest "AirGate" is a pneumatically actuated intake / motor load control that can be installed on all new or existing Proto-Vest drying systems with little or no modification. The AirGate system reduces the electrical draw of a 30-hp motor to that of a 5-hp motor between vehicles, lowering power consumption by 80 percent. The AirGate mechanically controls the intake, reducing the load on the motor therefore prolonging the life of the motor. It significantly reduces the demand rate by shortening the ramp-up time on initial start up, while eliminating the demand rate between vehicles.

## FEATURES / BENEFITS

**Reduce Energy Use:** The AirGate eliminates the ramp-up time between vehicles lowering your electricity use without affecting the performance of your dryer.

**Easy Installation:** The AirGate attaches directly to the inlet of the blower, which makes it easy to install to your drying system in a minimal amount of time.

The AirGate comes completely assembled and ready to install with all components/valves.

**Low Maintenance:** Proto-Vest recommends routine maintenance in order to maximize product life. Grease bearings per manufacturers recommendation and owners manual.

**Compact Design:** Designed to attach to the intake of the Proto-Vest blower with limited space needed.

## SERVICE / SUPPORT

Proto-Vest recognizes that support after the sale of equipment is critical to the success of our customers. Our company offers its customers access to a wide range of services including: field service technicians, factory direct aftermarket parts, and an engineering staff for custom designed applications.

Proto-Vest Patents:

U.S.: 3,942,430; 4,161,801; 4,409,035; 4,418,442; 4,433,450; 4,445,251; 4,446,592; 4,589,160; 4,700,426; 5,027,714; 5,184,369; 5,187,881; 5,195,207; 5,280,665; 5,421,102; 5,553,346; 5,886,648; 5,901,461; 5,950,324; 5,960,564; 6,038,781; 6,176,024; 6,519,872; others pending.

Canada: 1,021,996; 1,111,328; 1,190,453; 1,201,040; 1,197,439; 1,219,195; 1,219,192; 1,219,194; 1,258,026; 1,219,193; 2,013,749; 2,071,568; 2,071,239; 2,071,388; others pending.

Specifications subject to change without notice.

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