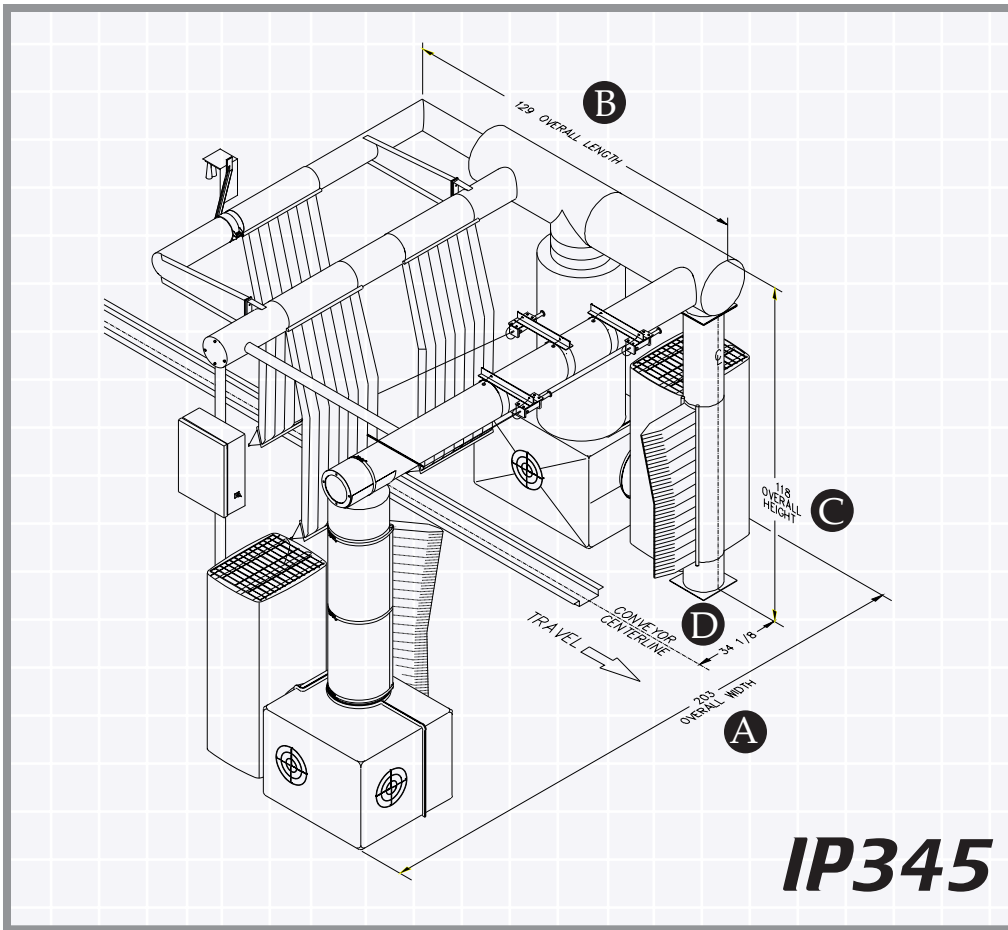


# P345



- Integrated Processor Logistic System
- Minimal Decibel Levels
- Touch-less
- High Vehicle Count Per Hour
- (1) 15hp & (1) 30hp Blower

**Proto-Vest** Inc.®



## EQUIPMENT

- A** OVERALL WIDTH  
203 in.
- B** OVERALL LENGTH\*\*  
129 in.
- C** OVERALL HEIGHT  
118 in.
- D** CONVEYOR CENTERLINE  
34 1/8 in.

Machine Operating Requirements\*

## MOTOR

Both 30hp and 15hp

- 3600 RPM's
- 208-230 / 460 volts
- 1.15 service factor
- Frame: 286TS for 30hp / 254T for 15hp
- 3 Phase
- Fan-cooled, totally enclosed

NOTE: Wiring to be provided by the purchaser. Additional motor specifications available upon request. Additional voltages available on special order.

## EQUIPMENT OPTIONS

- Green, Red, Blue or Custom Bag Colors
- Silencer
- Tunnel Heater
- AirGate

Weight: 2745 lbs. (approximate)

## GENERAL DESCRIPTION

The IP345 contains Proto-Vest's all new logic system giving it the intelligence to perform all of the necessary actions to produce a proficiently dried vehicle. It's integrated processor will recognize pick ups, perform open bed functions, turn the dryer on/off, and open/close the Proto-Vest Airgate between cars. Best of all there will no longer be any manual adjustments required when using the IP345, making it a completely self contained unit.

The Proto-Vest IP345 provides completely touch-less drying utilizing similar construction as the U325 with the addition of a SideShot on the passenger side. With more drying power and an onboard logic system, the IP345 not only handles higher line speeds and a higher vehicle array, it's now completely self contained unit that needs no outside manual input or controllers. The IP345 is comprised of (1) 30 and (1) 15 hp blower assembly, plenum and (5) Proto-Duck™ air delivery bags. Designed in conjunction with ultrasonic sensors, this system allows the overhead bags to float approximately four inches away from the vehicles surface. In addition the IP345 side bags are entirely stationary styled after the low maintenance Windshear®. The close proximity of all the bags to the vehicle contours provides the quality in drying performance people have come to expect from Proto-Vest.

The IP345's logic system enables the dryer to perform as a truly stand alone, self contained unit. These features are all managed by an on board microprocessor and include: on/off,

open bed pick up recognition and self diagnostic functions.

Proto-Vest's stringent standards in material selection for its dryers result in extended equipment life and reduced maintenance. The blower assembly is manufactured from powder coated steel and the blower is AMCA certified. The plenum is made from 5052-H32 aluminum while the bags are produced from durable Proto-Duck™ material to resist corrosion and tearing.

## FEATURES / BENEFITS

**Integrated Processor Logic System:** The IP Series will recognize pick ups, perform open bed functions, turn the dryer on/off, and open/close the Proto-Vest Airgate between cars. There will no longer be any manual adjustments required when using the IP Series.

**Line Speed Efficiency:** The IP345 is the most efficient touch-less drying system made. With a specially designed 45hp system, the IP Series will provide a dry car at a variety of line speeds.

**Silencer Package:** The Silencer Package reduces noise levels produced by the motor/blower assembly to more environmentally acceptable levels.

**Patented Touchless Design:** Pressurized air flows through five (5) patented air delivery bags which strip the water from the vehicle's horizontal and vertical surfaces. It dries the hood, roof, deck, windows and sides of the vehicle.

## DECIBEL READINGS

With Silencer / Without Silencer

(WS)	(WOS)
WS: 10 ft=89 dBa;	WOS: 10 ft=95.5 dBa
WS: 20 ft=83 dBa;	WOS: 20 ft=89.5 dBa
WS: 30 ft=79.5 dBa;	WOS: 30 ft=85.9 dBa
WS: 40 ft=77 dBa;	WOS: 40 ft=83.5 dBa
WS: 50 ft=75 dBa;	WOS: 50 ft=81.5 dBa

(The above decibel readings are interpolated.)

## 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.

**Proto-Vest Inc.**

\*Specifications subject to change without notice.  
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