



Intelli-Sense PVC Blowers

Intelli-Sense Multi-Speed Blowers are weatherized, direct drive, non-explosion-proof blowers controlled by a two or three position switch. Each blower has a reliable electronically commutated motor (ECM), which consumes one third less energy and is easier and less expensive to maintain than beltdrive motors.

Speed control box included for mounting on to of customer-supplied fume hood, and blower switch, and label for multiple speed operation.

Labconco PVC Blowers provide optimum chemical resistance and are made specifically to handle high order oxidizers such as perchloric acid. The housings are vacuum formed from unplasticized Type I polyvinyl chloride to handle highly corrosive applications. These blowers have a drain connection on the lower portion of the housing so that a washdown system can be utilized.

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Ярославль (4852)69-52-93

<https://labconco.nt-rt.ru/> || bon@nt-rt.ru

Features

- Housings are vacuum formed from unplasticized Type I polyvinyl chloride for complete corrosion protection.
- Impellers made of injection-molded PVDF resist highly corrosive atmospheres, operate quietly, and provide optimum air delivery.
- Powder-coated steel base and weather cover provide long life in extreme weather.
- Direct drive ECM motor uses one third less energy than belt driven motors.
- Thermal override protection. RPM speeds are automatically attenuated to prevent motor overload.
- Flow-through vent holes and louvres allow air to circulate.
- Removable weather cover allows easy access to ECM motor and impeller shaft.
- Inlet and discharge diameters are sized to receive rigid PVC ducting material directly for safe installation.
- Speed control box included for mounting on top of user-supplied fume hood, and blower-switch label* for multiple speed operation.
- Convenient access to impeller assembly provides for easy maintenance.
- When blower is properly installed to ductwork, sound levels range from 50 to 70 dba.
- Variable exhaust orientation adjusts to eight outlet positions for installation flexibility (vertical discharge recommended).

**Label is factory-prepared for Protector XStream, Premier, XL, Stainless Steel, PVC, and Pass-Through Laboratory Hoods, and Basic and Fiberglass 30 Laboratory Hoods. For*

other hoods, the switch may require on-site hood modifications or mounting on an adjacent wall. Switch cutout is 0.83" x 1.45" (2.1cm x 3.7cm).

Required Accessories

- Ductwork

[Intelli-Sense Multi-Speed PVC Blower, 115v](#)



Catalog # 7183410

Product Subcategory: PVC

Blowers

Motor Type: Energy Efficient Direct Drive ECM Motor

CFM: Less than 1000, Between 1000 and 2000

Explosion-Proof: No

Hood Application: Moderate to highly corrosive, Perchloric acid

HP: 1

Inlet/Outlet: 10.38" Inlet, 10.75" Outlet

[Intelli-Sense Multi-Speed PVC Blower, 115v](#)



Catalog # 7183412

Product Subcategory: PVC

Blowers

Motor Type: Energy Efficient Direct Drive ECM Motor

CFM: Less than 1000, Between 1000 and 2000

Explosion-Proof: No

Hood Application: Moderate to highly corrosive, Perchloric acid

HP: 1

Inlet/Outlet: 12.38" Inlet, 12.75" Outlet

[Intelli-Sense Multi-Speed PVC Blower, 230v](#)



Catalog # 7183420

Product Subcategory: PVC

Blowers

Motor Type: Energy Efficient Direct Drive ECM Motor

CFM: Less than 1000, Between 1000 and 2000

Explosion-Proof: No

Hood Application: Moderate to highly corrosive, Perchloric acid

[Intelli-Sense Multi-Speed PVC Blower, 230v](#)



Catalog # 7183422

Product Subcategory: PVC

Blowers

Motor Type: Energy Efficient Direct Drive ECM Motor

CFM: Less than 1000, Between 1000 and 2000

Explosion-Proof: No

Hood Application: Moderate to highly corrosive, Perchloric acid

Intelli-Sense Multi-Speed PVC
Blower without Controls, 115V



Catalog # 7183411

Product Subcategory: PVC

Blowers

CFM: Less than 1000, Between
1000 and 2000

Explosion-Proof: No

Hood Application: Moderate to
highly corrosive, Perchloric acid

HP: 1

Inlet/Outlet: 10.38" Inlet, 10.75"
Outlet

Intelli-Sense Multi-Speed PVC
Blower without Controls, 230V



Catalog # 7183421

Product Subcategory: PVC

Blowers

CFM: Less than 1000, Between
1000 and 2000

Explosion-Proof: No

Hood Application: Moderate to
highly corrosive, Perchloric acid

HP: 1

Inlet/Outlet: 10.38" Inlet, 10.75"
Outlet

Intelli-Sense Multi-Speed PVC
Blower without Controls, 115V



Catalog # 7183413

Product Subcategory: PVC

Blowers

CFM: Less than 1000, Between
1000 and 2000

Explosion-Proof: No

Hood Application: Moderate to
highly corrosive, Perchloric acid

HP: 1

Inlet/Outlet: 12.38" Inlet, 12.75"
Outlet

Intelli-Sense Multi-Speed PVC
Blower without Controls, 230V



Catalog # 7183423

Product Subcategory: PVC

Blowers

CFM: Less than 1000, Between
1000 and 2000

Explosion-Proof: No

Hood Application: Moderate to
highly corrosive, Perchloric acid

HP: 1

Inlet/Outlet: 12.38" Inlet, 12.75"
Outlet

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