

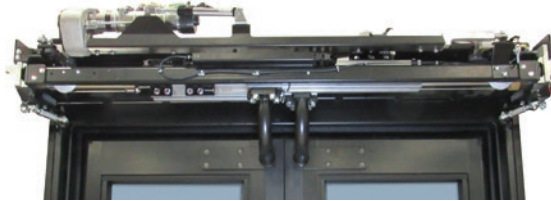
VAPOR BUS DOOR EQUIPMENT

Electric Outside Sliding Plug Door System

NEW



Plug geometry provides superior door sealing



Improved Operational Efficiency and Safety, Superior Door Sealing and Enhanced Vehicle Esthetics

Designed to meet the rigorous daily demands of city bus applications, the Vapor Outside Sliding Plug Door (OSSP) includes a patented, electric actuator that minimizes space claim in the header area while maximizing clear door opening to facilitate passenger ingress and egress. The Vapor OSSP is engineered for smooth and quiet operation, and easy installation with minimal adjustments.

The new vDEC electronic door control module assures precise door opening and closing speeds, obstruction sensing, advanced event logging, communication and diagnostic capabilities.

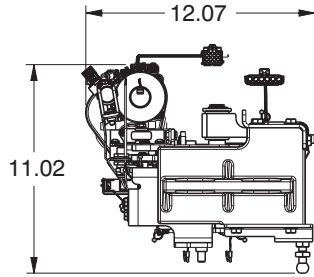
- Eliminates door panel and linkage intrusion
- Low profile, patented, service-proven electric actuator
- Robust mechanical design ensures minimal maintenance for minimum 12-year service life
- Integral emergency release mechanism
- Double or single door panel configurations
- Enhanced obstruction sensing

vDEC Electronic Controller

- Powerful, intelligent controller provides full range of functional capabilities and interface options
- Self-optimizing door setup simplifies installation and adjustment
- Detailed event logging for superior diagnostic capabilities and maintenance alerts
- Advanced door motion algorithms provide accurate and consistent door opening and closing speeds and enhanced obstruction sensing
- CAN bus communication
- Intuitive user interface



Electric Outside Sliding Plug Door System



Technical Specifications

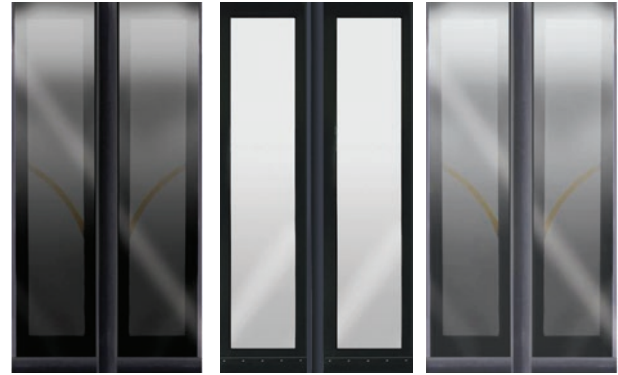
- **Portal Opening:**
Single panel 39.3 in. standard (1000 mm)
Dual panel 47.25 - 55.90 in.
(1200 - 1420 mm)
- **Unplug Excursion:**
3.94 in. (100 mm)
- **Door Opening/Closing Times:**
Fully programmable –
2.5 to 3.0 seconds typical
- **Obstruction Detection:**
Electric or pneumatic Sensitive Edges
Electronic motion control algorithms
- **Emergency Release:**
Manually operated mechanical
or pneumatic
- **Communications Interface:** CAN bus
- **Diagnostics:** Vapor user interface via USB
- **Operating Voltage:** 12VDC to 24VDC nominal
- **Operating Temperature:**
- 4° to 140° F (- 20° to 60° C)
- **Design Life:**
1,000,000 cycles or 12 years minimum

Complies with all North American and EU requirements.

Applications

- Transit and commercial buses
- Single and dual door panel applications

Vapor Bus International is the principal supplier of passenger door equipment to major North American bus manufacturers and a subsidiary of the Wabtec Corporation and Faiveley Transport, leading global providers for the passenger transit and freight rail industries.



CityView

Ameriview

CityView
Bonded

Vapor Door Panel Designs

Patented Vapor CityView® door panels feature a sleek, contemporary full-glass frameless exterior. Ameriview® door panels combine modern appearance with unique durability. CityView and Ameriview door panels feature Quick-Change Glazing replacement to minimize vehicle downtime. CityView bonded, full-glass exterior door panels are also available. See Vapor bulletin number 53-8006.

Options and Accessories

Electric or pneumatic sensitive edges, CLASS® Contact-less Acoustic Sensing System, LightTouch™ passenger assists, DDC Driver Door Controller, OPS Optical Pressure Sensor, brushes and seals.

Contact Your Vapor Representative to Discuss Application Requirements



1010 Johnson Drive
Buffalo Grove, Illinois 60089 USA

Tel: 847.777.6400
Fax: 847.520.2222

Email: vaporbusinfo@wabtec.com
www.vaporddoors.com

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