VAPOR BUS DOOR EQUIPMENT

**Electric Outside Sliding Plug Door System**

- 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

 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.

**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

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

Plug geometry provides superior door sealing
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:**
  - -4º to 140º F (-20º to 60º 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 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