



SVS-DVS - Single/Double Vertical Slide Doors

Description: Clark's vertical slide doors (SVS/ DVS) are power or manually operated to suit your needs. Vertical tracks, counter balance and door rollers are designed for smooth easy operation in tight fit applications with limited side room. Door seals tightly on frame with inclined door track. A double vertical lift door is available for limited head room applications.

Applications: Clark vertical doors ideally fit those applications with limited side room, typically, refrigerated loading docks and narrow corridors. Doors can be used interior or exterior.

Construction:

Face Mounted Frame: Vertical casings and header are Arctic white reinforced pultruded fiberglass. Casings and header are factory drilled and marked for rapid field assembly and perfect alignment.

Panel: Door panel is constructed with 18 Ga. 304 2B stainless steel perimeter channel, joined at corner sections with aluminum-magnesium cast corners, and clad with 26 Ga. G-90 galvanized steel, white painted with non-directional stucco embossed pattern. Finish paint to be Imperial white modified polyester with a dry film thickness of 1.0 mil inclusive of primer coat. All seams to be sealed. Meet USDA-MID and Agriculture Canada requirements.

Track: Vertical "J" track and hardware factory mounted on casing. Door slides down and in on inclined track for positive seal and immediate clearance of gaskets when opening.

Power Drive: TEFC fractional HP synchronous AC motor coupled to 20:1 worm gear in oil bath totally enclosed for life. Adjustable, precision machine torque limiter designed to slip on overload only. Smooth, quiet operation with "soft" start and stop. Operates at average speed of 20 inches per second. (2) remote pullcords for open/ close controls. Control voltage 24 vac. Entire system NEMA standard. Full width, instant reverse safety edge-non-electric. Drive chain to be fully enclosed in galvanized steel drive track. Optional chain hoist available on manual doors or as back up on power driven doors.

Insulation: Clark doors are filled with environmentally friendly NON-CFC polyurethane insulation "R" 7.8 per inch that provides outstanding strength and rigidity to the door as well as excellent thermal and acoustical performance. The insulation is injected to fill the door without voids. Steel facings are chemically fused to the insulation to provide vapor tight construction.

Controls:

- Pullcord control is standard supplied with heavy duty cast aluminum 24 vac switches (heated inside freezer application).
- Time delay option available to automatically close the door.
- Induction floor loops are available to automatically reverse the door if the opening is obstructed or to automatically close the door after the traffic has passed through.
- Radio and infra-red controls are available as a vehicle operated system of door control.

Features:

- Double cable/ single weight design: only one counter balancing weight is supported by two independent cables. Should one cable fail, the other cable permits the door to close normally until the cable is replaced. Virtually eliminates injuries or damage resulting from failing door.
- Instant reverse full width bottom safety edge.
- Automatic latching device. Keeps door from rebounding open upon closing.
- Permanently lubricated door roller bearings.
- Fully enclosed counterweight, balanced throughout travel.
- Adjustable bulb type seals on perimeter. Freezer doors are heated at gasket areas to prevent freezing.

Optional Features:

- Optional finishes include 22 or 24 gauge galvanized steel with or without stucco embossing and paint-Aluminum, and stainless steel surfaces are available, Kayon™ (PVC) plastic wear surfaces on door and frame.
- Locking devices-electric cut-off HASP.
- Pedestrian partial opening switches.
- Heavy duty door heaters. Viewing windows.
- Heated control panel.
- Inside casings.
- Personnel escape wicket doors.