



Design Simplicity

The VSI 1000 VDO is an overhead delivery system utilizing a 4 1/2" pneumatic tube system and a free carrier system. The carrier may be either a side opening or end opening carrier, 4 or 4 1/2" diameter.

The system is equipped with a terminal (teller station) and the customer kiosk (receiving station). Each station is equipped with a send and call button. The teller has an on/off switch to shut the system down.

The delivery system is powered by two "power pack" blower systems located in the canopy above each station.

The customer begins the transaction by placing the carrier into the kiosk and pressing the send button, which activates the blower pack above the terminal. After the carrier passes the blower pack, the blower pack deactivates and the carrier falls onto a cushion of air. The kiosk gate then opens and carrier falls onto a rubber bumper for the teller to retrieve.

When the teller completes the transaction the carrier is placed back into the terminal and the send button is pressed. The blower pack above the customer kiosk is activated returning the carrier to the kiosk. The customer removes the carrier from the kiosk, takes the contents from the carrier and returns the carrier to the kiosk. The system is ready for the next customer.

At the end of the day, the teller recalls the carrier and turns the system off.

Sound System

VSI gives you the choice of two excellent sound systems; Greyfield or Audio Authority. Facilities with existing sound systems may choose to expand with either of these excellent systems. New installations may choose Audio Authority, with more advanced design and engineering features, which may facilitate installation.

Quality and Reliability

Condensation control has been addressed with the re-circulation of air feature built into the blowers. The units may be operated on a low airflow setting whenever weather conditions indicate condensation to be a problem.

The unit has been well tested in cold weather with optional built in heaters. The heaters are designed to keep the system operating smoothly, but will not melt snow and ice outside of the system. Custodial care to remove snow/ice from the units is required.

VSI 1000 VDO

Standard Features

Customer Unit

Microphone

Speaker

Flat Panel Monitor

Send/Call Switch

Built in Camera Window and
Camera Mounting Bracket

UL Classified

Teller Unit

Send/Re-Call Switch

System Power Switch

48 Inch Stainless Steel Cowling

UL Classified

Optional 48" Black Plastic Cowling

Choice:

Greyfield Sound System

Audio Authority Series 1500
Sound System

Benefits

Cost effective installation

Versatility

Speed up transaction time

No voice distortion

Manufacturer reserves the right to
change product specifications without notice.



Vault Structures, Inc.
3640 Work Drive
Fort Myers, FL 33916
Telephone 239•332•3270
800•226•3990
www.vaultstructures.com

Vaulting Security Solutions to New Levels . . .



Electrical Requirements

Control Unit: 120 VAC / 15 Amp
 Blowers (2) Two 120 VAC / 30 Amp Each

Customer Unit Size Specifications: VDO 1000

Height: 48 Inches
 Width: 11 5/8 Inches
 Depth: 14 11/16 Inches
 Bottom of Base to Bottom of Carrier Opening: 35 7/8 Inches
 Bottom of Base to Top of Carrier Opening: 36 1/8 Inches
 Bottom of Base to Centerline of Call Switch: 37 5/8 Inches

Teller Terminal

Height: 35 Inches
 Width: 7 5/8 Inches
 Depth: 16 Inches

Flat Panel Monitor

V-LCD6.8-P

Size 6.8" Diagonal
 Active Area 5.44"H X 4.07"W
 Input Signal NTSC/PAL AUTO-SWITCHING
 Format 1158 X 234 DOTS
 Pixel Configuration RGB STRIPE
 Dimensions 6.25"W X 4.94"H X 0.83"D
 Back Light 300 nits
 Supply Voltage 12V DC 700mA

Camera Specifications

Sony Single Board Camera 1/4 inch
 Mid Resolution 330TVL
 Lens 3.6 mm Auto Iris
 Low Light Solution 0.5 LUX

Standard Equipment Package

- 1 – Customer Unit
- 1 – Teller Unit (with 48" Stainless Steel Cowling)
- 1 – Control Panel
- 2 – 1 Motor VAC Packs
- 1 – Owner Manual with Wiring Diagram

Tubing Package

- 48' – 4.5" PVC Tubing
- 2 – 4.5" x 20" x 90 Degree Bend with Air Takeoff
- 6 – 4.5" Couplings
- 8' – 3" Flex Hose
- 3 – 4.5" Hose Clamps
- 2 – 10' Roll Hanging Clamps
- 1 – Can Cleaner / Cement (727 Hot or Cold)
- 1 – 4.5" Carrier

Wiring Package

- 15' – 22/4 Wire (used for Teller Unit)
- 65' – 16/3 Wire (used for Slide Gates)
- 100' – 22/2 Wire (used for Blower Packs and Customer Unit)

Hardware Package

- 1 – 3/8" x 1 _" Cement Anchor (Mounting Customer Unit)
- 3 – 3/8" Beam Clamps
- 4 – 3/8 x 1 1/2" Lag Screw (Mounting Teller Unit)
- 10 – 1/2" x 20 Nuts
- 10 – 1/2" x 1 1/2" Bolts
- 12' – 3/8" Threaded Rod (Tube Hangers and Customer Mounting Bracket)

