



MODEL RT2000 (X2)

AUTOMATED TELLER MACHINE

SITE PREPARATION / INSTALLATION GUIDE

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MODEL RT2000 (X2) INSTALLATION GUIDE

INTRODUCTION

The Triton RT2000 is a self-serviced, weatherized terminal adaptable for any suitable exterior (or interior) wall or vestibule location. The cabinet design allows installation for maximum wall thickness up to 11-1/2” [279mm]. Built-in leveling feet and optional platforms (“plinths”) allow the unit to be raised to the desired height of the wall opening. The following section provides the physical dimensions and requirements for installing the RT2000 for your particular site location. To assist you in preparing your site, a check list is provided of various procedures that should be carried out prior to the arrival of the ATM.

WHAT’S IN THIS INSTALLATION GUIDE

- SITE COMPLIANCE.** States the customers responsibilities for ensuring all relevant regulations, codes, and laws are adhered to for installing ATMs.
- ATM ENVIRONMENTAL PRECAUTIONS CHECKLIST.** Describes the general environmental precautions and electrical specifications are considered when installing the ATM. To help ensure proper operation of the ATM, ensure the environmental criteria listed in this checklist are met.
- DIMENSIONS.** Describes physical dimensions for the cabinet(s), control panel components, and signage.
 - Physical dimensions.
 - Service area dimensions.
 - Customer access dimensions
- INSTALLATION.** Describes site preparation for exterior wall or vestibule locations. Instructions provide the physical dimensions of the cabinet and associated hardware items. **Optional platforms (“plinths”) available in 2 sizes expedite raising the unit, if needed: 3” [76mm] or 6” [152mm].**
- POWER AND COMMUNICATION.** Shows cable access area, power requirements, and powering-up the unit.
- INSTALLING /CONNECTING THE REAR OPERATOR SERVICE PANEL (RSP).** Describes how to install and connect the RSP.
- APPENDIX A.** Software License Agreement / Compliance/Emissions statements
- APPENDIX B.** ATM Installation for Accessibility guidelines.

DOCUMENT UPDATES:

Dec 11 2009 Page 30-31 Added warning to install RSP properly

MODEL RT2000 (X2) INSTALLATION GUIDE

CONTENTS

SITE COMPLIANCE	4
ENVIRONMENTAL PRECAUTIONS	5
TEMPERATURE / POWER / RF INTERFERENCE REQUIREMENTS.....	6
DIMENSIONS.....	7
WALL OPENING / TRIM DIMENSIONS	8
CUSTOMER ACCESS DIMENSIONS	9
SIDE / REAR VIEWS.....	10
SERVICE AREA DIMENSIONS	
PREFERRED SERVICE AREA CONFIGURATION.....	11
MINIMUM SERVICE AREA CONFIGURATIONS.....	12
CABINET / TRIM INSTALLATION	13
BEFORE YOU START	14
DETERMINE IF “PLINTH” REQUIRED.....	15
TOOLS / ITEMS REQUIRED	16
INSTALLATION OF CABINET.....	17
INSTALLING CONTROL PANEL TRIM HARDWARE.....	21
SEALING (WATERPROOFING) THE CONTROL PANEL TRIM HARDWARE	23
ROUTE POWER / COMMUNICATION CABLES.....	25
ROUTE / CONNECT THE POWER AND PHONE (DIAL-UP) CABLES.....	26
ROUTE / CONNECT TCP/IP (ETHERNET) CABLE.....	28
REAR SERVICE PANEL INSTALLATION	29
REAR SERVICE PANEL INSTALL.....	30
SET JUMPER FOR REAR SERVICE PANEL	31
TDM-SERIES CASSETTE INSTALLATION	33
INSTALLING TDM CASSETTE(S).....	34
RECEIPT PAPER INSTALLATION.....	35
INSTALLING THE RECEIPT PAPER.....	36
APPENDIX A - SOFTWARE LICENSE AGREEMENT / COMPLIANCE/EMISSIONS STATEMENTS	
APPENDIX B - ATM INSTALLATION FOR ACCESSIBILITY	

MODEL RT2000 (X2) INSTALLATION GUIDE

SITE COMPLIANCE

This document contains the information necessary for the preparation and installation of an RT2000 Triton ATM. It's important that the site complies with the requirements specified in this document. In addition, electrical wiring and mechanical systems must also comply with all relevant laws and regulations.

The site must be prepared by the customer or his agent who is fully conversant with the requirements of installing ATM equipment. The responsibility for ensuring that the site is prepared in compliance with this document remains with the customer.

For information and guidance only, a list is provided in general terms of those matters for which the customer is responsible. The list is not intended to be comprehensive and in no way modifies, alters, or limits the responsibility of the customer for all aspects of adequate site preparation.

1. Location of the equipment and site preparation.
2. Site wiring (power, communication).
3. Location of other equipment that may cause electrical, electromagnetic or heat induced interference.
4. Make building alterations to meet wiring and other site requirements.
5. Install all communication cables, wall jacks, and associated hardware.
6. Provide and install necessary power distribution boxes, conduits, and grounds.
7. Ensure all applicable codes, regulations, and laws (electrical, building, safety) are adhered to.
8. Ensure the environmental requirements of this unit are met.
9. Install the unit at a height which meets the ADA/DDA/CSA accessibility regulations for the state/country installed.

SITE PREPARATION CHECKLIST	
Select site and design a floor plan	
Ensure environmental conditions met	
Establish contractor and vendor schedules	
Check communication line requirements	
Plan installation accessory needs	
Check floor plan and make necessary alterations	
Install electrical requirements	
Prepare site for communication needs	
Plan operator training (optional)	
Install communication lines and test	
Ensure installation accessories are available	
Remove any obstructions/hardware that is present in the area in which the ATM equipment is to be installed.	

ENVIRONMENTAL PRECAUTION CHECKLIST

MODEL RT2000 (X2) INSTALLATION GUIDE

When installing an ATM, some general environmental and power precautions need to be considered. Evaluate the location where the ATM will be installed. To help ensure proper operation of the ATM, ensure the environmental criteria listed are met.

TEMPERATURE / HUMIDITY

1. The ATM will operate over a range of temperatures and humidity. Generally, these parameters must fall within the following ranges:

Temperature (Interior)

- 10°C to 40°C
- 50°F to 104°F

Relative Humidity

- 20% to 80%
- (Non-Condensing)

Temperature (Exterior)

- -35°C to 50°C
- -30°F to 122°F

Relative Humidity

- 20% to 100%

AC POWER REQUIREMENTS

2. Ensure the following AC power requirements are met:

Current (Max)

- 5.05A @ 115 VRMS at 60 Hz
- 2.01A @ 230 VRMS at 50 Hz

Voltage

- 90 - 136VRMS @ 50/60 Hz
- 198 - 257VRMS @ 50/60 Hz

Power Consumption (Idle)

- 2.0A @ 115 VAC at 60 Hz
- 1.0A @ 230 VAC at 50 Hz

Power Consumption (Max Load)

- 606 Watts @ 120VAC
- 482 Watts @ 240VAC

* IMPORTANT *

AC power for the terminal should come from a dedicated source with an isolated ground.

Dedicated source. The ATM AC power feed will be a dedicated line, to which no other electrical devices are connected. The ATM power line will be wired for a single “duplex”-style outlet and connected directly to the AC service panel.

Isolated Ground. An equipment grounding conductor that is insulated from the conduit or raceway and all other grounding points throughout its entire length. The only points of electrical connection will be at the duplex outlet and service panel ends of the line.

DEDICATED TELEPHONE

3. Ensure the following telephone-line requirements are met:

Dedicated line. The telephone line servicing the ATM will not be a “party” line or any other shared type connection.

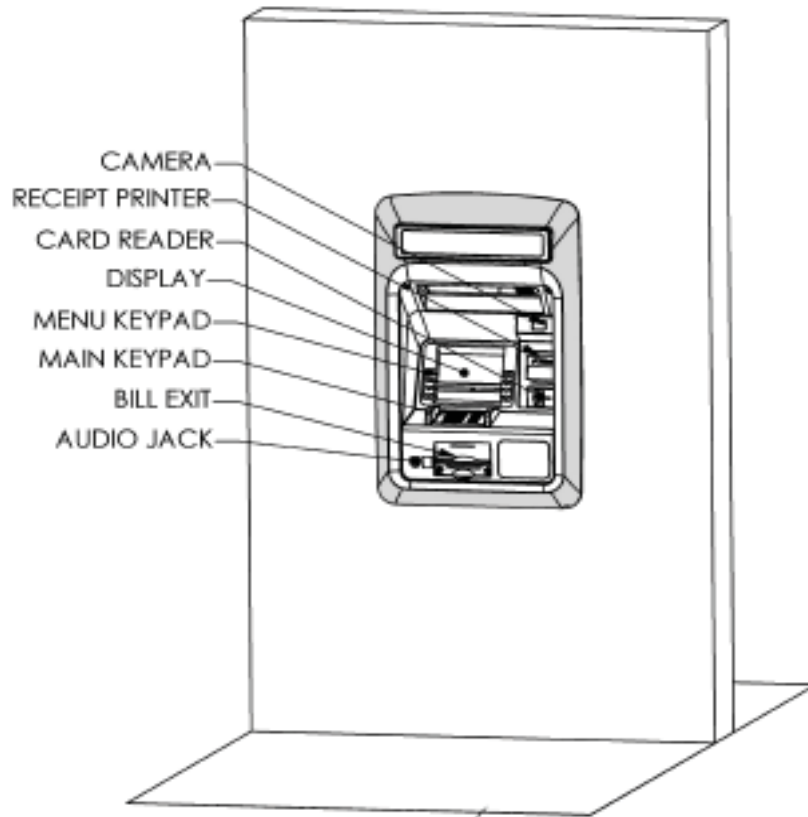
Proximity to Interference Sources. The telephone line must not be in close proximity to “noisy” devices that could induce interference into the ATM communications channel. See the next section for additional information on “interference sources.”

RF INTERFERENCE

4. Ensure there are no devices near the terminal that may cause RF interference, such as:

- TVs
- Coolers
- Security devices
- Neon signs
- Devices with compressors

MODEL RT2000 (X2) INSTALLATION GUIDE



DIMENSIONS

Dimensions listed comply with US Federal ADA Guidelines. For USA installations, check for additional guidance. For non-USA installations, check regulations relating to the country of install.

The maximum wall thickness is 11-1/2" (279 mm).

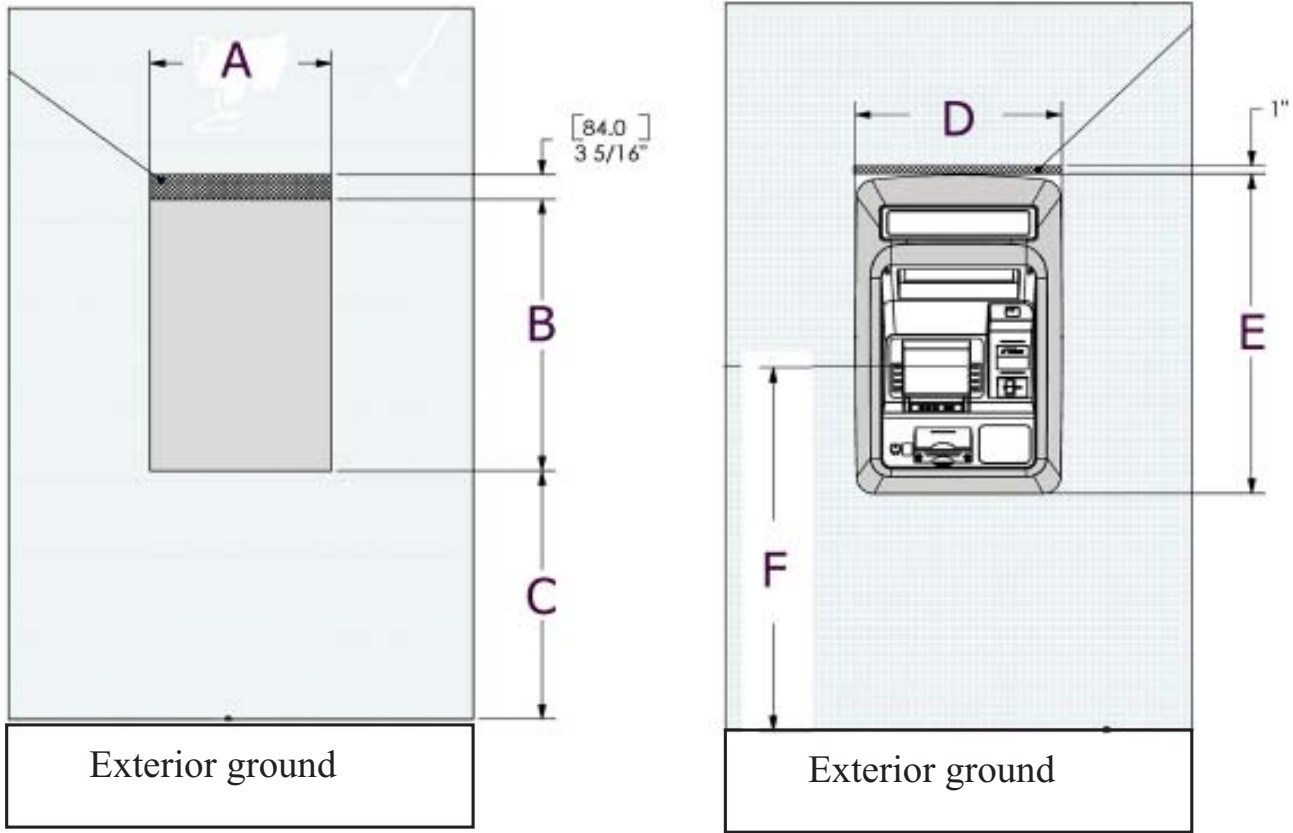
Note:

Dimensions shown in inches and [millimeters]

MODEL RT2000 (X2) INSTALLATION GUIDE

WALL OPENING / TRIM DIMENSIONS

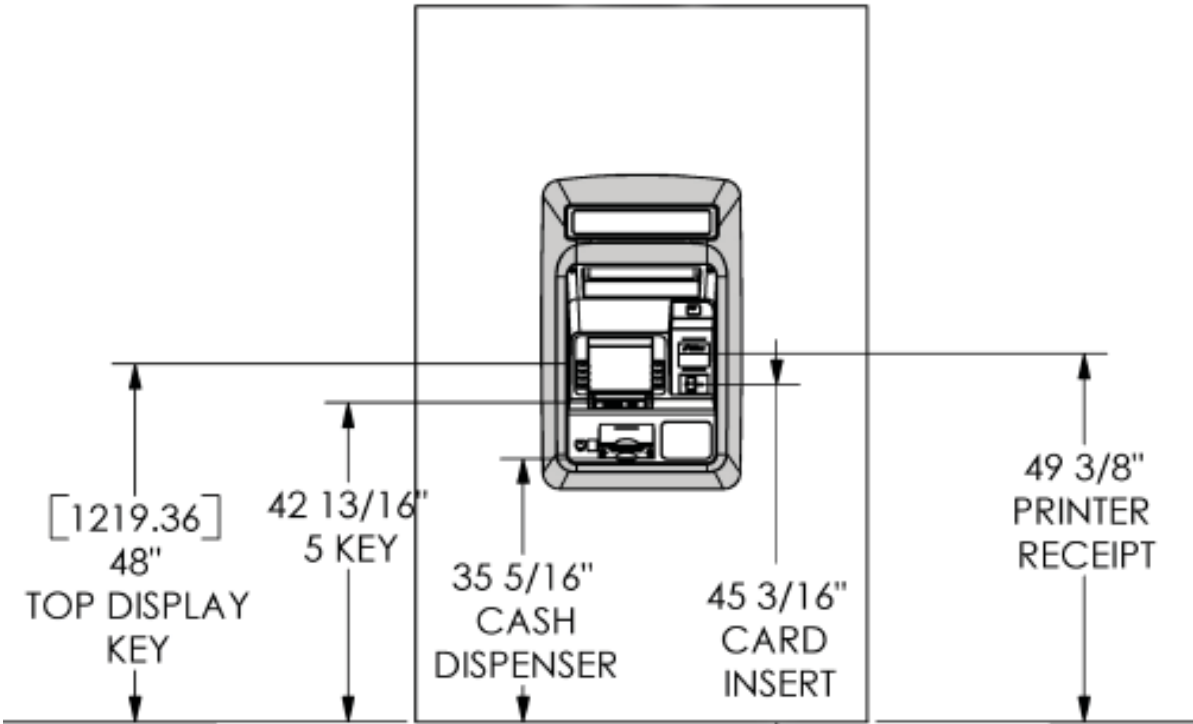
This area must be free of obstruction for trim installation



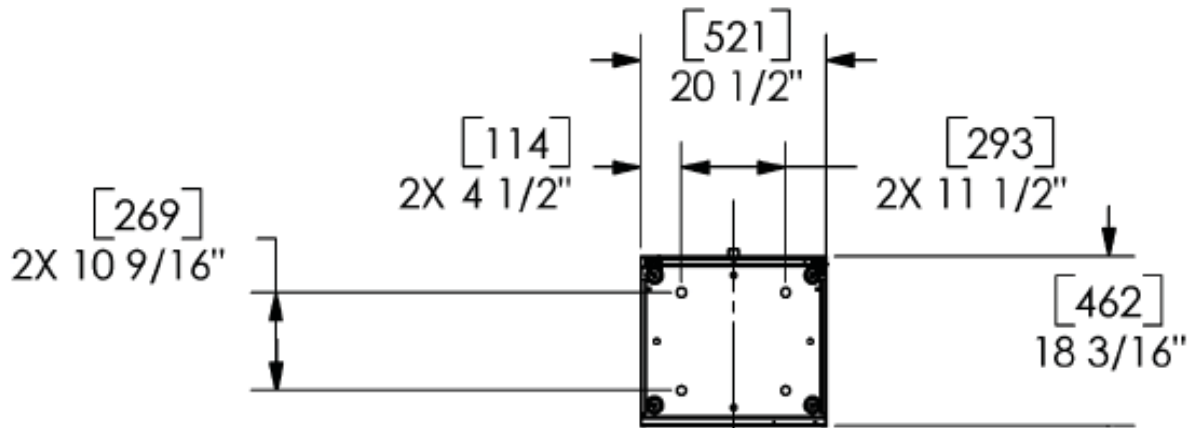
* Wall Opening Dimensions		Facia Trim Dimensions		** Height from Exterior Ground	
(A) Width	(B) Height	(D) Width	(E) Height	(C) ADA Compliance	(C) DDA Compliance
23 - 7/16" [595 mm]	36 - 5/8" [931 mm]	26 - 5/8" [676 mm]	42 - 1/4" [1073 mm]	33 - 9/16" [852 mm]	30 - 9/16" [776 mm]
<p>* Actual tube dimensions of RT2000 - allow for slight increase in hole size not to exceed facia trim dimensions.</p>				<p>** Measured to tube bottom. These dimensions are based on the highest reach item being 48" (ADA) or 45" (DDA) from the exterior ground (Figure F). Dimensions are applicable if interior floor and exterior ground are the same height AND the unit is elevated with the optional 6" [152mm] plinth (ADA) or 3" [76mm] plinth (DDA).</p>	

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CUSTOMER ACCESS DIMENSIONS



CABINET "FOOTPRINT"



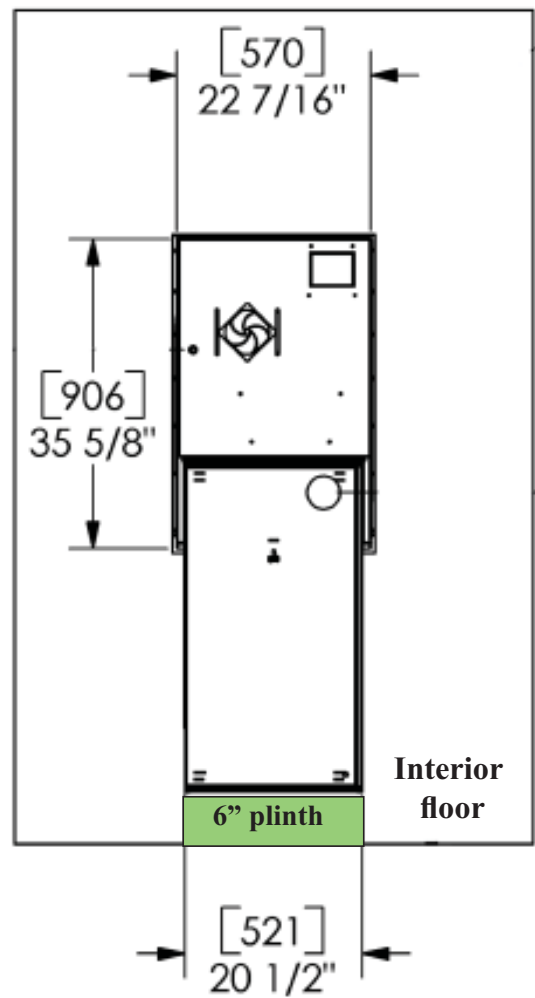
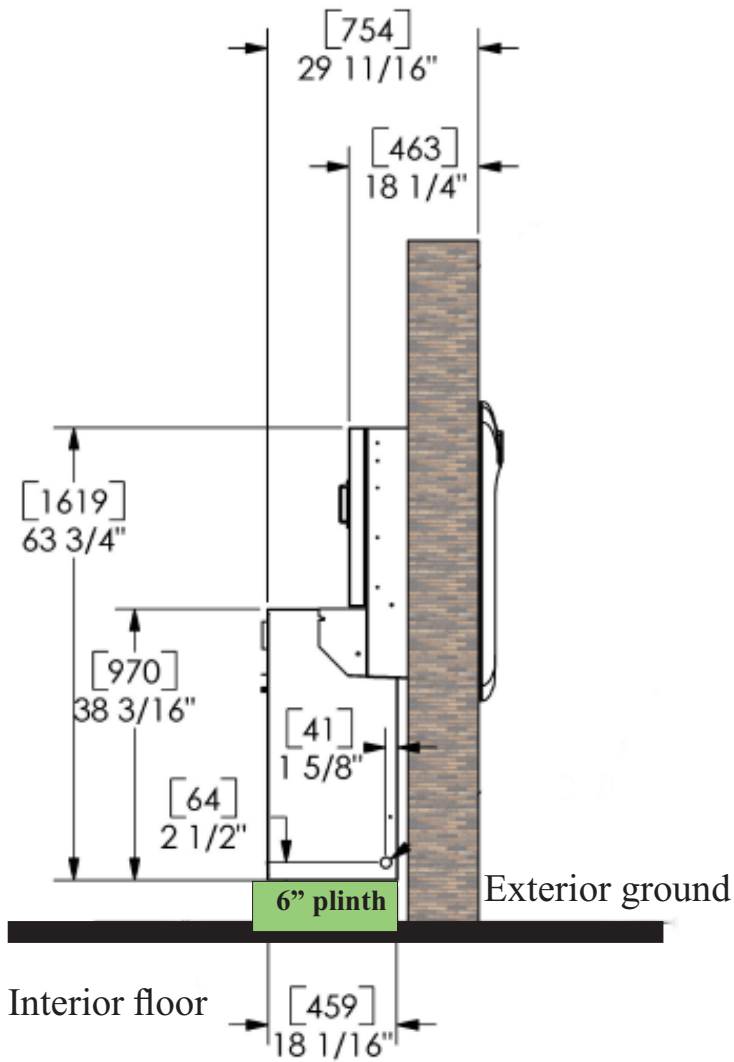
Note: Front of unit.

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PHYSICAL DIMENSIONS

SIDE VIEW

REAR VIEW



Subtract thickness of wall to determine distance from the inside wall to the back of cabinet. Maximum wall thickness is 11 - 1/2" (279 mm).

*Note: Terminal shown with 6" plinth utilized.
Required if the inside floor and exterior ground are the same level (ADA).*

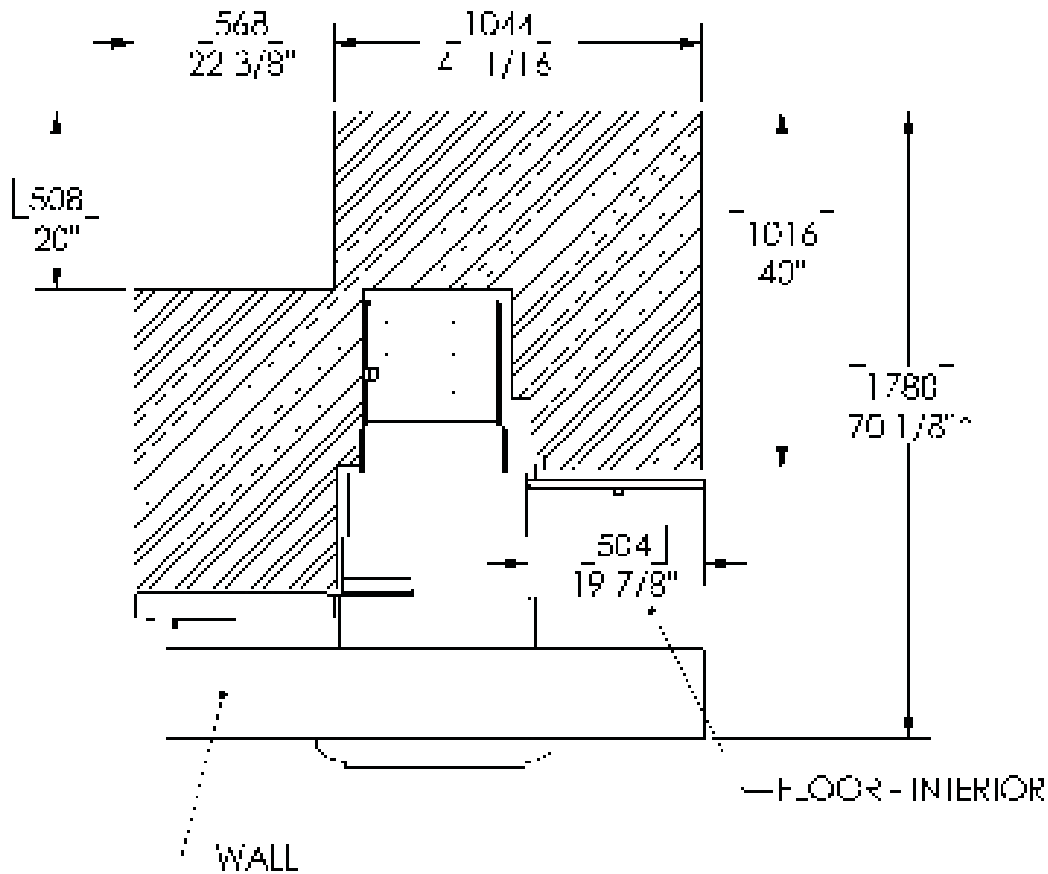
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SERVICE AREA DIMENSIONS

Ensure that doorways and corridors leading to the point of installation are wide enough to allow the shipping package to pass through. If access is restricted, make arrangements to unpack the unit in an area with sufficient space and move it to the installation site. Also, ensure that flooring can support the weight of the unit. The service area dimensions and clearances recommended for the RT2000 cabinet installation.

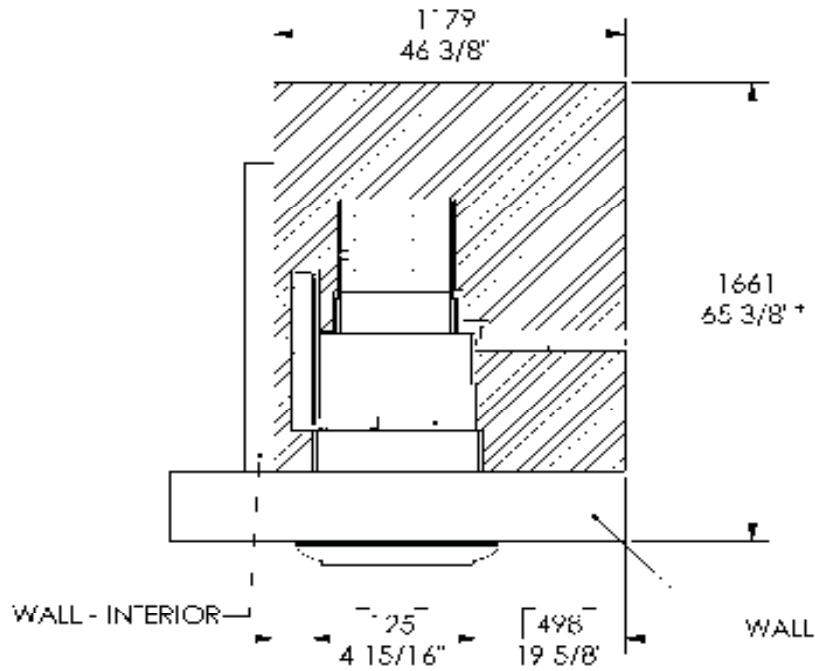
PREFERRED SERVICE CONFIGURATION

 -- INDICATES SERVICE AREA



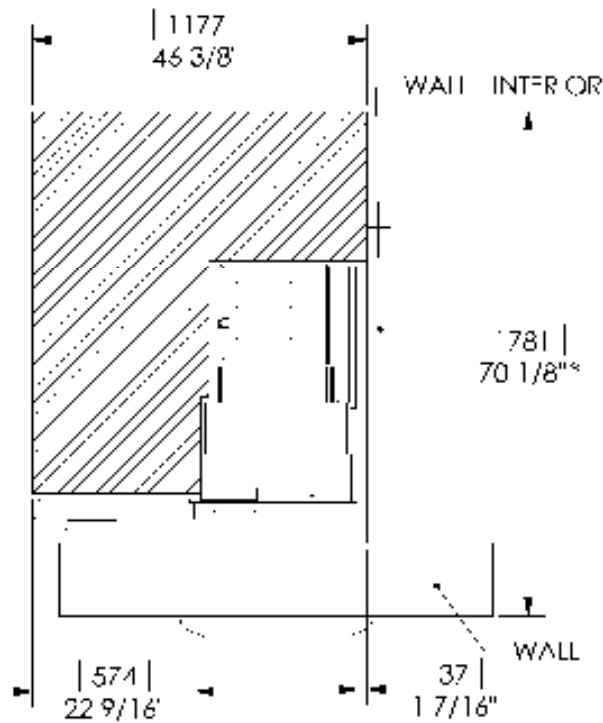
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MINIMUM SERVICE CONFIGURATIONS



-- INDICATES SERVICE AREA

SERVICE CONFIGURATION 1



SERVICE CONFIGURATION 2

MODEL RT2000 (X2) INSTALLATION GUIDE



BEFORE YOU START

It's recommended that the unit be secured to the facility floor. The footprint of the cabinet floor allows for securing the unit through the leveling feet "plinth" hardware, regardless of how high the unit may be raised. It is the customer or their agent's responsibility to determine how/where the unit is affixed to the facility. Listed are some general considerations when securing the unit:

- ➔ What is the floor structure (concrete, wood, etc)? Is the unit a UL Level 1 (Vault) cabinet or Business Hours? Will the floor support the weight of the cabinet?
- ➔ Is the inside floor the same level as the outside ground? Will the unit require one of the optional plinths? See next page for determining if a plinth is required.
- ➔ Ensure that doorways and corridors leading to the point of installation are wide enough to allow the shipping package to pass through. If access is restricted, make arrangements to unpack the unit in an area with sufficient space and move it to the installation site.
- ➔ If installing an RT2000 where a previous ATM was installed, verify that the wall opening is consistent with the dimensions and height requirements listed in this manual. Modifications to the wall or floor may be required.
- ➔ Is exterior wall solid (brick, concrete)? Wood framed? Aluminum siding? Do you need to insulate the wall cavity?
- ➔ After cabinet is anchored, is the control panel facia trim flush against the exterior wall? Is this trim hardware sufficiently sealed to prevent moisture from entering the control panel electronics?

Level 1 Cabinet Safety

Level 1 cabinets are considerably heavier than Business Hours cabinets! Exercise extreme caution when moving Level 1 cabinets! At least two persons should work together to move the cabinet into position for mounting!

Tool Use / Safety

Observe ALL safety precautions for operating hand and power tools! Wear eye and ear protection while operating the electric drill!

USE A BACK-SUPPORT BELT WHEN LIFTING AND MOVING THE ATM!

DETERMINE IF PLINTH REQUIRED

Triton Systems offers two (2) metal-constructed optional plinths w/leveling feet. A “plinth” is a platform on which the ATM rests or is secured. A plinth enables the ATM to be installed at the required height through the wall. The plinths come in 2 heights: 3” [76mm] and 6” [152 mm - shown below]. You can raise the unit by a fixed amount (3” or 6”) and still be able to adjust up using the plinths leveling feet. **Recommendation: When using the leveling feet, do not exceed 3/4” in adjustment.** To determine if you need to order a plinth with your unit, a few measurements will be needed at the site.

For sites that currently have a wall opening:

1. Measure from the bottom of opening to inside floor (Figure 1).
2. **Cabinet dimensions are 28” from bottom of sleeve to base of cabinet (Figure 2).**
3. Subtract the difference to determine if a plinth is needed or what height plinth to order or build. If difference is less than 3” (for example), you may construct your own to fit.

Caution: The leveling feet on the cabinet itself should not be used to raise the unit significantly.



Figure 1. Determine height of opening to inside floor.

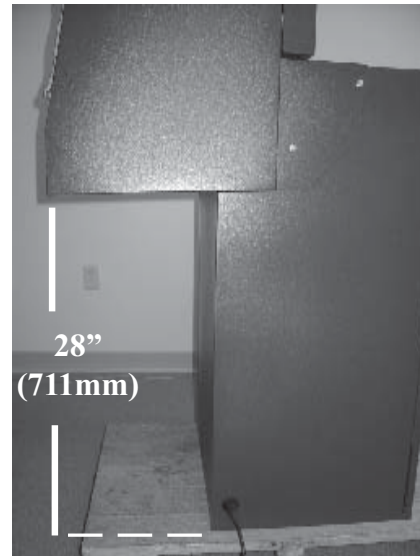
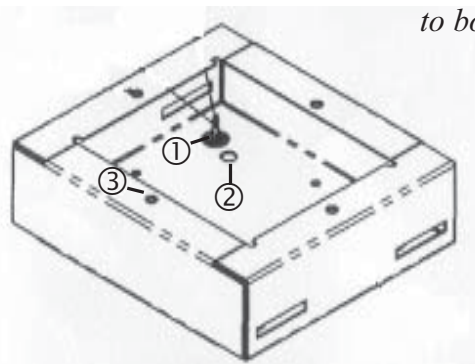


Figure 2. Height of cabinet base to bottom of sleeve (28”).



- ① Leveling feet
- ② Anchor holes
- ③ Cabinet/Stack holes

MODEL RT2000 (X2) INSTALLATION GUIDE

TOOLS / ITEMS REQUIRED

Tools / Items Recommended		
Lifting/moving devices (pallet jack, forklift, lifting jack/trolley, etc)		Crowbar / roll bars, scrap lumber (blocking)
Tape measure / bubble level / framing square		Hammer / chisel
Back support belt / safety goggles,/mask steel-toed shoes		Marker / pencil
Tool kit consisting of: Adjustable wrench (large), box wrenches (open / closed) - up to 1-1/4" (32 mm) magnetic phillips / flattip screwdrivers, nutdriver set, diagonal cutters, etc		
Water-resistant sealant (caulk, etc) Recommend: Clear or color matching		
Anchoring Tools		
Torque wrench, adjustable to at least 60 foot pounds, adjustable wrench, or ratchet wrench		
Center punch (or equivalent) for marking drill points		
Hammer	3/4" (19 mm) socket	Large flat screwdriver
Bubble level	7/16" (11 mm) socket / box wrench	Safety goggles
Hearing protec- tion	1/4" (6 mm) , 1/2" (12 mm), and 9/16" (15 mm) carbide- tipped masonry drill bits - at least 6" (152 mm) long	3/4" (19 mm) heavy -duty electric drill (rotary/hammer)
Back support belt	Portable vacuum cleaner	Wire brush
1/2" (12 mm) flat washers	1/2" (12 mm) x 4-1/4" (107 mm) sleeve-type anchor bolts	1/2" (12 mm) nuts

INSTALLING CABINET THROUGH WALL OPENING



*** WARNING ***

The RT2000 unit is top heavy. USE EXTREME CAUTION! Always move/support the unit from the FRONT! 2-personnel are recommended when unpacking and moving the unit!!

1. Carefully inspect the unit for any shipping damage and report any damage immediately to the shipping company. Refer to the warranty information in the User manual for information about reporting shipping damage.
2. After unpacking the unit, move the cabinet using the proper lifting/moving device to the wall opening.

Important

DO NOT install the control panel fascia at this time.

3. Slide the unit up to the opening until the sleeve portion of the cabinet is near the wall.
4. Measure the distance from the bottom of the wall opening to the bottom of the sleeve. This will be the height requirement of the “plinth”, if needed. Add an additional 1/2” (12 mm) to your measurement for clearance

Note

A “plinth” is a platform on which the ATM rests or is secured. This plinth enables the ATM to be installed at the required height through the wall.

5. If **no plinth** is required, slide the unit forward towards the wall opening so the sleeve protrudes slightly out the front exterior . This is needed to temporarily affix the control panel trim. Minor adjustments for raising/leveling the unit can be made using the **cabinet** leveling feet. Proceed to Step 8.



Slide unit up to interior wall.



Measure from bottom of wall opening to bottom of sleeve.

MODEL RT2000 (X2) INSTALLATION GUIDE

6. If a ***plinth is used*** (either built or purchased), mount the cabinet on the plinth. Anchor the cabinet to the plinth using the bolts provided (optional plinth) or secure to your built plinth. Tighten bolts enough to secure the two together for moving the unit.

Note: *Before installing the plinth, adjust the leveling feet a 1/4" (6mm) below the platform to gain access with an open-end box wrench for additional adjustments.*

****CAUTION****

When placing the unit on the plinth, be careful not to damage the front of the sleeve as this has the control panel electronics and hardware mounted.

7. Slide/move the unit forward towards the wall opening so the sleeve protrudes slightly out the front exterior. This is needed to temporarily affix the control panel trim. Minor adjustments for raising the unit can be made using the **plinths** leveling feet (see "Adjusting Height of Unit page 20).
8. Locate the control panel trim included with the unit accessories. On the back side are four (4) clips that will align with four (4) slots on the sleeve control panel.
9. Align the trim bracket clips with the sleeve slots and insert until the trim is seated on the control panel. **DO NOT** secure the trim at this time.



Sleeve protrudes slightly.



Control panel trim.



Trim clips.

MODEL RT2000 (X2) INSTALLATION GUIDE

- Slide the unit back until the control panel trim is flush to the exterior wall.



Control panel slots.



Mount fascia trim to control panel.



Slide unit back flush to wall.



***** WARNING *****

When removing/placing the unit on the plinth, be mindful that the unit is top-heavy. One person should support the front at all times! Take care not to damage the front of the sleeve as this has the control panel electronics and hardware mounted.

- Adjust the **plinth's** leveling feet to ensure the control panel trim is flush against the exterior wall and the cabinet is level.
- Mark the anchor holes through the cabinet floor or mark around the plinth structure using masking tape, pencil, etc. Remove the control panel trim and slide the unit back inside.
- Remove the unit from the plinth (if used). Align the plinth over the markings and mark the anchor holes. Drill the anchor holes and secure the plinth (if used) to the floor. Mount the unit back on the plinth (if used) and again slide the unit forward towards the wall opening until the sleeve protrudes slightly out the front exterior.

If no plinth was used, after drilling the anchor holes, again slide the unit forward towards the wall opening until the sleeve protrudes slightly out the front exterior.

The next pages describes adjusting the optional plinth and leveling feet of cabinet.

MODEL RT2000 (X2) INSTALLATION GUIDE

ADJUSTING HEIGHT/LEVEL OF UNIT

Triton Systems offers two (2) metal-constructed optional plinths w/leveling feet. The plinths come in 2 heights: 3" (76 mm) and 6" (152 mm - shown below). Based on the height requirement needed, you can either:

1) Raise the unit with the leveling feet installed in the cabinet (Business Hub and Level 1) using a 1/4" (6mm) nut driver/socket.

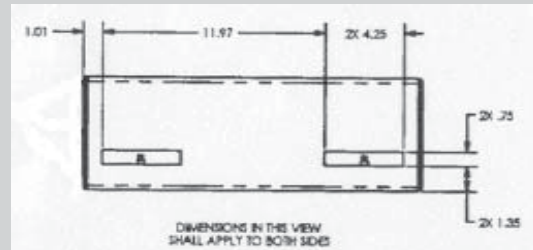
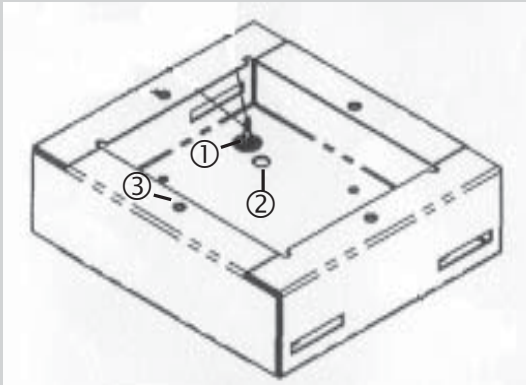
(Caution: The leveling feet are primarily for that purpose - leveling the ATM, **not** to raise the unit by more than 3/4").

2) Construct your own plinth. A "plinth" is a platform on which the ATM rests or is secured. This plinth enables the ATM to be installed at the required height through the wall. If built, it must be no smaller than the base of the cabinet and must be constructed of a material that is capable of supporting the weight of the ATM.

3) Purchase an optional plinth. Raise the unit by a fixed amount (3" or 6") and, if needed, adjust up using the plinths leveling feet (adjustable crescent wrench required).

Caution: Leveling feet are primarily used for leveling the ATM, not to raise the unit by more than 3/4".

4) "Stack" the optional plinths. Before securing two (2) plinths together, remove the leveling feet from the top plinth.



- ① Leveling feet
- ② Anchor holes
- ③ Cabinet/Stack holes

MODEL RT2000 (X2) INSTALLATION GUIDE

INSTALLING / SECURING CONTROL PANEL TRIM

1. Loosen the three (3) thumbscrews on the backside of the fascia trim hardware. Loosen until the ends are flush with the bracket.



Three (3) thumbscrew.

2. (Reference previous steps for mounting control panel trim) Align the trim clips with the sleeve slots and insert until the trim is seated on the control panel.
3. Once the trim is in place, open the rear cabinet door. To secure the fascia trim:

Five (5) screws (K40x12 - included in accessory kit) and the three (3) thumbscrews (pictured above) need to be secured. First, tighten the three (3) thumbscrews toward the bottom of the control panel lip (inside). Next, install the five (5) K40x12 screws and secure using a phillips-head screwdriver.

Note: *Picture below shows 3 of the 5 screw holes. The other 2 are located in line to the left.*



Tighten thumbscrew to secure bottom .



Screw locations.

MODEL RT2000 (X2) INSTALLATION GUIDE

4. Connect the ground wire attached to the bill tray to the ground stud located on the inside left of the sleeve cabinet shown in figure at right. Secure with the wingnut present.



Ground wire shipped with control panel trim.



Secure ground wire.

5. Next, connect the power cable to the LED circuit board as shown below.



Power cable (located in harness).



Secure ground wire.

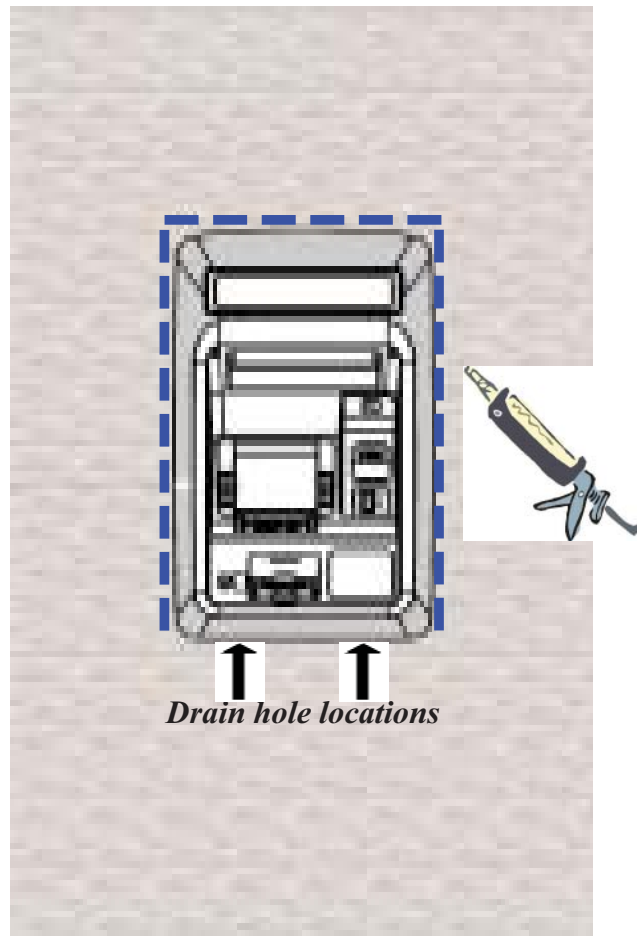
6. With 2 persons (inside/outside), slide the unit back inside until the control panel trim is flush with the outside wall.
7. Before securing/anchoring the cabinet, check to ensure the control panel trim is flush against the exterior wall. Minor adjustments can be made using the cabinet leveling feet.
8. Secure/anchor the cabinet to the floor or plinth, if used. Cabinet/trim installation is complete.



MODEL RT2000 (X2) INSTALLATION GUIDE

SEALING THE CONTROL PANEL TRIM

To ensure that the temperature around the unit is maintained during cold weather, it's important that the wall opening is prepared correctly. Any cavity in the wall should be sealed to provide a flush surface. The gap between the ATM and the inside wall opening should be left clear to allow air to circulate at room temperature. After the control panel trim is installed, a **good weather seal is needed between the exterior wall and the trim**. A suitable water -resistant sealant product is required around the periphery of the control panel trim. There are also products that are color tinted to closely match the trim color.



Control panel trim sealed.

****IMPORTANT****

SEAL THE TRIM TO THE EXTERIOR WALL WITH A WATER-RESISTANT SEALANT TO PREVENT WATER INTRUSION. DO NOT SEAL AROUND THE BOTTOM OF THE TRIM! SMALL DRAIN HOLES ARE LOCATED ON THE UNDERSIDE THAT MUST BE CLEAR!

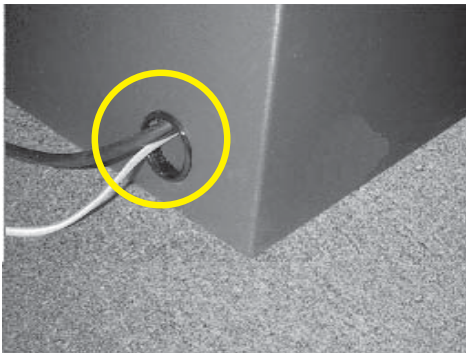
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ROUTE POWER AND COMMUNICATION CABLES

**Route AC Power and
Communication Cable**

NOTE: Before you start, unlock and open the rear control panel cabinet door. Verify that the power switch on the unit's power supply is in the OFF (0) position. Close the control panel door.

1. Open the vault cabinet door. Route the AC power cord and the phone (or Cat-5) cable through either the main or alternate cable access hole (as applicable). Install the supplied snap bushing into the access hole that carries the power and phone cords.
2. Plug the AC power cord into the wall outlet. Plug the phone cable (or CAT-5) into the wall mounted jack.
3. Secure/plug the unused access hole with the grommet or plug provided.



Right front side access hole with snap bushing.



Left front side access hole.

***** WARNING*****

This unit may be equipped with more than one power cord. **DISCONNECT ALL POWER CORDS PRIOR TO SERVICING!**

Power Outlet Accessibility

Whether you are installing a new AC socket outlet or plan to use an existing outlet to supply power to the ATM, make sure the following requirements are met:

1. The outlet is located near the equipment.
2. AC power for the terminal should come from a dedicated source with an isolated ground. The ATM is designed to work on an IT (Isolated-Terra) type power system having a phase-to-phase voltage not exceeding 240 volts.
3. The outlet is easily accessible and will not be blocked once the equipment is installed.

POWER SUPPLY CORD - SPECIFICATIONS

For European applications, the power supply cord must conform to the following specifications:

1. Two-conductor with Physical Earth (PE) ground.
2. IEC 320 molded connector on one end and molded plug on the other end.
3. Certified for country of installation.
4. Rated minimum H05VV-F with minimum 0.75 mm² (except where specific countries require 1.0 mm²) conductors.
5. Maximum length: 3 meters.

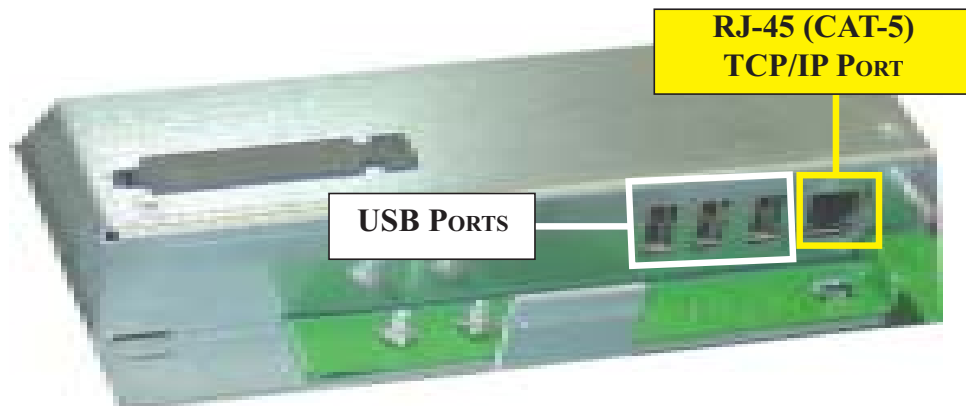
MODEL RT2000 (X2) INSTALLATION GUIDE

TCP/IP (ETHERNET)

The Ethernet option makes your RT2000 ATM LAN (Local Area Network) or WAN (Wide Area Network) capable. The ATM functions that are normally performed via the dial-up telephone system, such as customer transactions and remote monitoring, can be performed using existing in-house communications network. ATM transaction processing and hardware monitoring functions are performed across a shared network medium. Ethernet is popular because it strikes a good balance between speed, cost and ease of installation.

TCP/IP CABLE (CAT-5) CONNECTIVITY

1. If the unit is **ON**, enter **MANAGEMENT FUNCTIONS > SYSTEM PARAMETERS > SHUT DOWN THE TERMINAL**. When prompted on the screen, open the control panel hood and turn the power switch on the power supply to the **OFF (0)** position.
2. Refer to the section on [“Power and Communication”](#). Route the 10Base-T (CAT-5) cable through the cabinet base cable access hole. Secure cable inside vault area and continue up to the control panel access holes.
3. Connect the RJ-45 end of CAT-5 cable to the **TCP/IP** connector located on the **X2 MAIN BOARD** assembly as shown in figure below.
4. Secure cable into existing cable harness runs. Refer to the Configuration manual for programming Ethernet options.



OPERATOR SERVICE PANEL INSTALLATION

REAR OPERATOR SERVICE PANEL

The Operator Service Panel (OSP) is a touchscreen panel that provides convenient user-access to cassette close and replenishment functions from inside the facility. It also provides diagnostics functions, reset error(s) capability, and terminal shutdown/restarts.

The panel is shipped in the accessory box. Follow the procedures for installing the OSP.

Carefully inspect the panel for any shipping damage and report any damage immediately to the shipping company. Refer to the warranty information in the User or Service manual (as applicable) for information about reporting shipping damage.



Operator Service Panel

1. If the unit is **ON**, enter **MANAGEMENT FUNCTION > SYSTEM PARAMETERS > SHUT DOWN THE TERMINAL**. When prompted on the screen, open the sleeve cabinet and turn the power switch on the power supply to the **OFF (0)** position.
2. The mounting bracket for the OSP is located in the upper right corner of the rear cabinet sleeve. There are three (3) mounting studs visible. **SEE WARNING:** next page
3. The back of the panel has four (4) mounting slots (3 will be used).

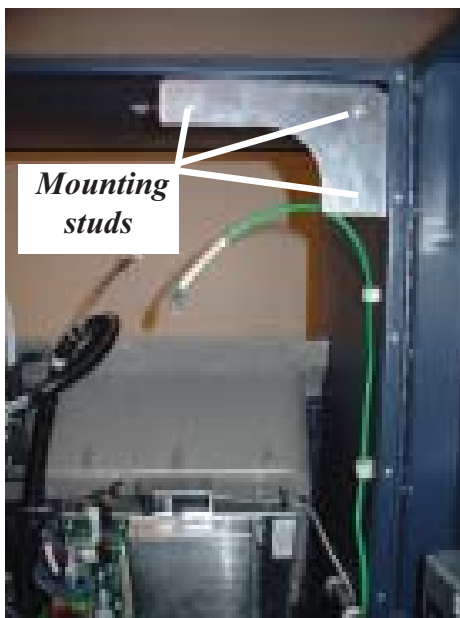


Figure 1. Mounting bracket.

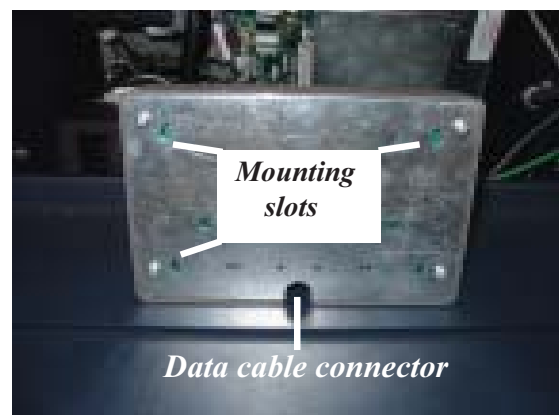


Figure 2. Rear view of OSP.

MODEL RT2000 (X2) INSTALLATION GUIDE

4. Mount the OSP so that the data cable will be connected on the ***bottom*** of the panel.
5. Connect the Data cable (RJ-45 connector end) to the OSP shown in Figure 3. Ensure the other end of cable is connected to the “AUXILLARY” port on the Docking board.



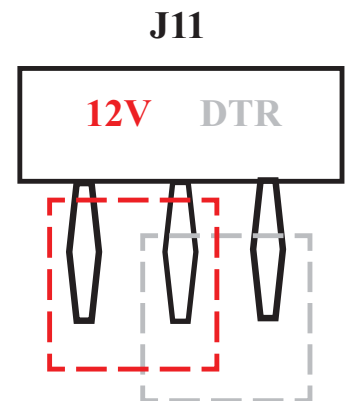
Figure 3. OSP mounted and cable connected.

CONFIGURE DOCKING BOARD JUMPER

IMPORTANT: The Rear Operator Service Panel (OSP) **MUST** have a jumper set on the Docking Board. The jumper (‘J11’ on the Docking Board) must be set to “12V”. See graphic at right.

WARNING:

Inspect the Mounting Bracket Studs and RSP Mounting Holes closely. Note the studs have grooves provided for the RSP to mount onto. Ensure the RSP sets down onto the studs properly on all 3 (three) mounting points. Failure to do so may allow the RSP to become dislodged, which may cause physical and electrical damage to the RSP and possibly personal injury.



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TDM-250 CASSETTE INSTALLATION

MODEL RT2000 (X2) INSTALLATION GUIDE

INSTALLING TDM CASSETTE(S)

The TDM-250 dispensing mechanisms are shipped mounted on the slide tray inside the security cabinet. The power, data, and ground cables are connected. The cassettes are shipped separately (currency/reject).

1. Remove the packing material from the cassettes. For the TDM -250, there are (2) currency and (1) reject cassette.
2. Insert the currency cassette(s) into its compartment(s) in the dispenser. Slide the reject cassette back into its compartment (top). Make sure the cassettes are fully inserted! You will feel the cassette latch securely into the snap catches (detent clips).



TDM-250 w/reject and note cassettes installed.

RECEIPT PAPER INSTALLATION

INSTALLING THE RECEIPT PAPER

The receipt paper and paper spool are included in the accessory box.

1. Open the sleeve cabinet door and turn the power switch on the power supply to the ON (I) position.
2. Unwind about 18 inches from the end of the roll of paper and use scissors to cut off. Make sure all of the paper roll has the glue removed.
3. Install the 6 inch roll of thermal paper on to the paper spool as shown in Figure 1.
4. Place the spool and paper on to the paper support bracket (Figure 2) by sliding slotted ends of the spool onto the support bracket as shown in Figure 3.
5. Make sure the paper feeds off the ***bottom*** of the roll.
6. Once installed, take the end of paper roll and feed into the slot on the printer paper entrance shown in Figure 4. Once the paper is detected by the printer, it will automatically pick it up and finish feeding into the printer.



Figure 1. Spool inserted into roll of paper.

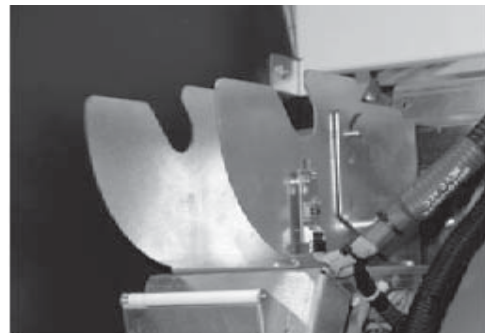


Figure 2. Paper support bracket.



Figure 3. Paper loaded on support bracket support (Bottom feed).

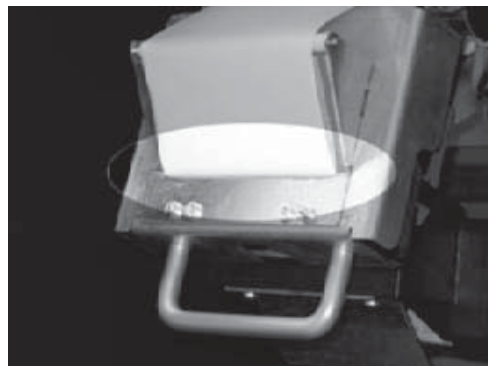


Figure 4. Feed paper into slot.