CONSULT WITH DIEBOLD INSTALLATION/SERVICE BRANCH FOR ADDITIONAL DETAILS AND INFORMATION. PLEASE SEE PLANNING AND SITE PREPARATION GUIDE TP-820718-001.

WALL OPENING HEIGHT NOTE #1:
768mm (30") MAXIMUM HEIGHT FROM EXTERIOR SIDEWALK / FLOOR LEVEL TO BOTTOM OF WALL OPENING FOR CANADIAN STANDARDS ASSOCIATION (CSA) REQUIREMENTS. INSIDE FLOOR LEVEL CANNOT EXCEED 54mm (2") ABOVE EXTERIOR SIDEWALK / FLOOR LEVEL AND STILL COMPLY WITH THESE STANDARDS.

WALL OPENING HEIGHT NOTE #2:
VERIFY INSIDE FLOOR AND EXTERIOR SIDEWALK / FLOOR LEVEL HEIGHTS PRIOR TO CONSTRUCTING WALL OPENING. IF INSIDE FLOOR LEVEL IS HIGHER OR LOWER THAN EXTERIOR SIDEWALK / FLOOR, DIMENSION FOR WALL OPENING HEIGHT MUST BE ADJUSTED ACCORDINGLY AND OPTIMUM OPERATING HEIGHTS MAY NOT BE MET.

WALL OPENING HEIGHT NOTE #3:
SEE WALL OPENING DETAIL FOR RECOMMENDED CLEARANCE REQUIRED AROUND FASCIA.

PLEASE SEE PLANNING AND SITE PREPARATION GUIDE TP-820718-001 FOR ADDITIONAL DETAILS AND INFORMATION.
CONDUIT AND JUNCTION BOX REQUIREMENTS

1. 25mm (1") METAL CONDUIT FROM ALARM CONTROL CABINET. JUNCTION BOX TO 102mm (4") SQ. X 54mm (2 1/2") DEEP. JUNCTION BOX (ALL BY OWNER'S E.C.) DIED BLD TO PROVIDE FLAT COVER WITH TAMPER SWITCH.

2. WHEN "SECUROMATIC" AFTER HOUR DEPOSITORY IS TO BE CONNECTED TO CASH DISPENSER, OWNER'S E.C. TO RUN 19mm (3/4") METAL CONDUIT FROM 102mm (4") SQ. X 54mm (2 1/2") DP. JUNCTION BOX TO AFTER HOUR DEPOSITORY.

3. OWNER'S E.C. TO RUN 19mm (3/4") LIQUID TIGHT FLEX METAL CONDUIT OR 19mm (3/4") RIGID CONDUIT FROM JUNCTION BOX TO CABLE CONNECTION PLATE.

4. 19mm (3/4") METAL CONDUIT AND UNSWITCHED ELECTRICAL SUPPLY TO 102mm (4") SQ. X 54mm (2 1/2") DEEP JUNCTION BOX WITH RECEPTACLE WITHIN 2210mm (7') OF SIDE CONNECTING PLATE. BOTTOM CONNECTION MUST BE COMPENSATED ACCORDINGLY (ALL BY OWNER'S E.C.) (SEE POWER REQUIREMENTS).

5. OWNER'S E.C. TO SUPPLY COMPATIBLE RECEPTACLE FOR COUNTRY SPECIFIC PLUG-IN CONNECTION SUPPLIED WITH UNIT. POWER CORD LENGTH 2184mm (86") FROM SIDE OF UNIT.

NOTE:
JUNCTION BOXES MUST BE LOCATED WITHIN 2210mm (7') OF CONNECTING PLATE. LENGTH OF ELECTRICAL POWER CABLE PROVIDED WITH UNIT. LOCATE IN AN EASILY ACCESSIBLE AREA. BOXES CAN BE FLUSH MOUNTED WITH CONCEALED CONDUIT FOR NEW CONSTRUCTION OR BOXES CAN BE SURFACE MOUNTED WITH EXPOSED CONDUIT FOR EXISTING CONSTRUCTION.

BUILDING AIR PRESSURE
BUILDING AIR PRESSURE DIFFERENCES AT THE ATM INSTALLATION LOCATION AFFECT THE INFILTRATION OF OUTSIDE AIR AND ACCOMPANY DIRT. THE ATM WILL OPERATE THROUGHITS FULL RANGE OF FASCIA TEMPERATURES 32º C TO 54º C (-20º F TO 120º F) WITH ZERO (STATIC) OR POSITIVE AIR PRESSURE DIFFERENTIAL (MOUNTED ON THE INSIDE TO THE OUTSIDE OF THE BUILDING AT THE ATM INSTALLATION LOCATION). IF STATIC OR POSITIVE AIR PRESSURE CANNOT BE MAINTAINED, THE FASCIA LOWER LIMIT TEMPERATURE IS -20º C (-4º F). THE MAXIMUM NEGATIVE AIR PRESSURE ALLOWED IS 0.05" H20.

SIGNAL CABLE RUN CONSTRAINTS:
The following chartitemizes the physical spacing requirements of the signal cable run with respect to other power and electrical equipment cable run.

SIGNAL CABLE INSTALLATION CONSTRAINTS:
RELATIVE CARE IS REQUIRED WHEN INSTALLING SIGNAL CABLES IN CONDUITS, UNLIKE POWER AND LIGHTING CABLE. SIGNAL CABLES HAVE CONDUCTORS AND LIGHT INSULATION AND WILL NOT WITHSTAND AS MUCH STRAIN IN INSTALLATION.

POWER REQUIREMENTS
THE ATM REQUIRES A SINGLE-PHASE, THREE-WIRE UNSWITCHED POWER RECEPTACLE. WHEN CONNECTED TO THE RECEPTACLE, THE GROUND WIRE MUST INCLUDE A THIRD-WIRE GROUND CONNECTION. THE ATM IS NOT ACCEPTABLE FOR A COUNTRY SPECIFIC POWER PLUG. THE POWER SUPPLIED MUST BE AS SPECIFIED BELOW.

- 100-127 VAC (+/-10%) AT 50 (1-1%) Hz, SINGLE-PHASE
- 100-127 VAC (+/-10%) AT 60 (1-1%) Hz, SINGLE-PHASE
- 200-240 VAC (+/-10%) AT 50 (1-1%) Hz, SINGLE-PHASE
- 200-240 VAC (+/-10%) AT 60 (1-1%) Hz, SINGLE-PHASE

POWER TO THE ATM IS TO BE A DEVIATED SERVICE AND MUST BE PROTECTED BY A SAFETY QUICK DISCONNECT DEVICE TO BREAK LINE VOLTAGE (SUCH AS A CIRCUIT BREAKER AT THE ELECTRICAL SERVICE PANEL). THE QUICK DISCONNECT DEVICE (OR CIRCUIT BREAKER) MUST TURN OFF THE LINE VOLTAGE AT THE FOLLOWING AMPERAGE.

- 100-127 VAC (+/-10%) SERVICE, DISCONNECT AT 25 AMPERES
- 200-240 VAC (+/-10%) SERVICE, DISCONNECT AT 10 AMPERES

THE MODULE BULK POWER SUPPLY AND PROCESSOR POWER SUPPLY WILL PROVIDE POWER CONDITIONING TO PREVENT THE TERMINAL FROM MALFUNCTIONING DUE TO SHORT-TERM AC POWER FLUCTUATIONS AS OUTLINED IN EN61000-4-11.

POWER USAGE

<table>
<thead>
<tr>
<th>MACHINE STATUS</th>
<th>1 W/HEATER</th>
<th>2 W/HEATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDLE (NO TRANSACTION)</td>
<td>190 WATTS</td>
<td>255 WATTS</td>
</tr>
<tr>
<td>TRANSACTION (DISPENSE OR BULK NOTE) IN PROGRESS</td>
<td>660 WATTS</td>
<td>755 WATTS</td>
</tr>
<tr>
<td>TRANSACTIONS IN PROGRESS</td>
<td>285 WATTS</td>
<td>375 WATTS</td>
</tr>
<tr>
<td>RAPID PROCESSING TRANSACITION IN PROGRESS</td>
<td>550 WATTS</td>
<td>640 WATTS</td>
</tr>
</tbody>
</table>

CONFIGURATION

1. PROCESSOR, COLOR LCD CONSUMER DISPLAY, MOTORIZED CARD READER, JOURNAL PRINTER, 80mm THERMAL RECEIPT PRINTER, STANDARD DEPOSITORY AND 5 HIGH AFD.
2. PROCESSOR, SVD LCD CONSUMER DISPLAY, MOTORIZED CARD READER, JOURNAL PRINTER, COLOR LCD CONSUMER DISPLAY, MOTORIZED CARD READER, JOURNAL PRINTER, 80mm THERMAL RECEIPT PRINTER, STANDARD DEPOSITORY AND 80mm THERMAL RECEIPT PRINTER, STANDARD DEPOSITORY AND 5 HIGH AFD.
3. PROCESSOR, SVD LCD CONSUMER DISPLAY, MOTORIZED CARD READER, JOURNAL PRINTER, COLOR LCD CONSUMER DISPLAY, MOTORIZED CARD READER, JOURNAL PRINTER, 80mm THERMAL RECEIPT PRINTER, STANDARD DEPOSITORY AND 80mm THERMAL RECEIPT PRINTER, STANDARD DEPOSITORY AND 5 HIGH AFD.

OPERATING ENVIRONMENT

SAFE LOCATION

10º C TO 36º C (50º F TO 100º F) RELATIVE HUMIDITY (NON-CONDENSING)
20 TO 85% AT 25º C (80º F)
20 TO 55% AT 38º C (100º F)

FASCIA LOCATION
34º C TO 54º C (10º F TO 130º F) RELATIVE HUMIDITY IS TO 105%

WEIGHT OF UNIT:
696kg (1,535 LBS.)

CAUTION LABEL

CAUTION: LASER Do not stare into beam

FILE NO. 177-518 REV 4

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**WALL OPENING DETAIL**

**PLAN VIEW**

- **DIMENSIONS IN MILLIMETRES (DIMENSIONS IN INCHES)**

- **610 W.O.**
  - (24")
- **350**
  - (13")
- **330**
  - (13")

**INTERIOR ELEVATION**

- **DETAIL FOR WALLS OVER 191mm (7 1/2")**

**WALL OPENING HEIGHT NOTE #1:**

- **CSA**
  - 766mm (30 1/2") MAXIMUM HEIGHT FROM EXTERIOR SIDEWALK / FLOOR LEVEL TO BOTTOM OF WALL OPENING FOR CANADIAN STANDARDS ASSOCIATION (CSA) REQUIREMENTS. INSIDE FLOOR LEVEL CANNOT EXCEED 54mm (2") ABOVE EXTERIOR SIDEWALK / FLOOR LEVEL AND STILL COMPLY WITH THESE STANDARDS.

- **ADA**
  - 712mm (28") MAXIMUM HEIGHT FROM EXTERIOR SIDEWALK / FLOOR LEVEL TO BOTTOM OF WALL OPENING FOR AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. INSIDE FLOOR LEVEL CANNOT EXCEED 76mm (3") ABOVE EXTERIOR SIDEWALK / FLOOR LEVEL AND STILL COMPLY WITH THESE STANDARDS.

- **CAE**
  - 817mm (32 1/2") MAXIMUM HEIGHT FROM EXTERIOR SIDEWALK / FLOOR LEVEL TO BOTTOM OF WALL OPENING FOR CENTRE FOR ENVIRONMENTS (CAE) REQUIREMENTS. INSIDE FLOOR LEVEL CANNOT EXCEED 105mm (4 1/2") ABOVE EXTERIOR SIDEWALK / FLOOR LEVEL AND STILL COMPLY WITH THESE STANDARDS.

**FOR ALL THREE STANDARDS ABOVE, WHERE INSIDE FLOOR IS MORE THAN 712mm (28") BELOW THE BOTTOM OF THE WALL OPENING THE OWNER'S G.C. MUST PROVIDE A SUPPORT PLATFORM.**

**WALL OPENING HEIGHT NOTE #2**

- **VERIFY INSIDE FLOOR AND EXTERIOR SIDEWALK / FLOOR LEVEL HEIGHTS PRIOR TO CONSTRUCTION WALL OPENING. IF INSIDE FLOOR LEVEL IS HIGHER OR LOWER THAN EXTERIOR SIDEWALK / FLOOR, DIMENSIONS FOR WALL OPENING HEIGHT MUST BE ADJUSTED ACCORDINGLY AND OPTIMUM OPERATING HEIGHTS MAY NOT BE MET.**

**EXTERIOR ELEVATION**

- **330**
  - (13") MAX. WALL IN AREA OF UNIT

**WALL OPENING HEIGHT NOTE #2**

- **774**
  - (28")
- **726 W.O.**
  - (28")
- **728 W.O.**
  - (28")

**VERIFICATION NOTE**

- **728 W.O.**
  - (28")
ANCHOR NOTES:
1. RECOMMENDED ANCHOR BOLT - M16 (1/2") (NOT SUPPLIED WITH ATM).
2. A CONCRETE OR MASONRY FLOOR AT LEAST 152mm (6") THICK IS RECOMMENDED.

DIMENSIONS IN MILLI METRES (DIMENSIONS IN INCHES)

PLAN/SECTION-SAFE FLOOR

NOTE:
SHOWN IS THE MINIMUM/RECOMMENDED AREA REQUIRED FOR INSTALLATION AND SERVICE. DIMENSIONS SHOWN MAY BE INCREASED WHEREVER POSSIBLE TO IMPROVE INSTALLATION AND SERVICE ACCESS. USE OF ANY AREA LESS THAN THE RECOMMENDED AREA MAY RESULT IN AN INCREASE IN INSTALLATION AND SERVICE TIME. CONSULT WITH DIEBOLD INSTALLATION/SERVICE BRANCH FOR SPECIAL BUILDING CONDITIONS.

POWER CABLE PLATE

CABLE ENTRY

PLAN VIEW
MINIMUM SERVICE AREA

PLAN VIEW
RECOMMENDED SERVICE AREA