CS 3700 LOBBY CASH RECYCLER - REAR LOAD
40mm (1 3/4") CEN III GAS or CEN IV GAS SAFE - 15" or 19" DISPLAY
WITH DETAILS FOR OPTIONAL VESTIBULE INSTALLATION

CONSULT WITH DIEBOLD NIXDORF INSTALLATION/SERVICE BRANCH FOR ADDITIONAL DETAILS AND INFORMATION. PLEASE SEE PLANNING AND SITE PREPARATION GUIDE TP-821853-001.

CONSUMER ACCESS DIMENSIONS

A. TOP OF 15" CONSUMER DISPLAY
   HEIGHT: 1351mm (53")
   DEPTH: 217mm (8.5")

B. TOP FUNCTION KEY (15" DISPLAY ONLY)
   HEIGHT: 1249mm (49")
   DEPTH: 172mm (6.5")

C. BOTTOM OF 15" CONSUMER DISPLAY
   HEIGHT: 1138mm (44")
   DEPTH: 138mm (5.5")

D. COIN DISPENSER (OPTIONAL)
   HEIGHT: 1018mm (40")
   DEPTH: 197mm (7.75")

E. RECEIPT PRINTER (OPTIONAL)
   HEIGHT: 957mm (37.5")
   DEPTH: 197mm (7.75")

F. CONTACTLESS CARD READER (OPTIONAL)
   HEIGHT: 829mm (32.5")
   DEPTH: -27mm (-1.1")

G. HEADPHONE JACK
   HEIGHT: 1148mm (45.5")
   DEPTH: 138mm (5.5")

H. ActivCheck
   HEIGHT: 958mm (37.5")
   DEPTH: 197mm (7.75")

I. EMV-READY CARD READER
   HEIGHT: 955mm (37.5")
   DEPTH: 197mm (7.75")

J. ActivRecycle
   HEIGHT: 837mm (33.5")
   DEPTH: 139mm (5.5")

K. EPP KEY
   HEIGHT: 832mm (32.5")
   DEPTH: -18mm (-0.7")

L. FINGERPRINT READER (OPTIONAL)
   HEIGHT: 834mm (32.5")
   DEPTH: 2mm (0.1")

M. 2D BAR CODE SCANNER (OPTIONAL)
   HEIGHT: 779mm (30.5")
   DEPTH: -61mm (-2.4")

N. TOP OF 19" CONSUMER DISPLAY
   HEIGHT: 1417mm (55.5")
   DEPTH: 239mm (9.5")

O. BOTTOM OF 19" CONSUMER DISPLAY
   HEIGHT: 1133mm (44")
   DEPTH: 139mm (5.5")

HEIGHT - FROM BOTTOM OF SAFE
DEPTH - FROM FRONT EDGE OF BEZEL
*DEPTH DIMENSIONS MARKED SHOW COMPONENTS THAT EXTEND OUT TOWARD THE CUSTOMER FROM THE FRONT EDGE OF BEZEL

TERMINAL WITH 15" AND 19" DISPLAYS
SHARE ALL THE SAME DIMENSIONS EXCEPT DISPLAY SIZE AND FUNCTION KEYS ARE NOT AVAILABLE ON THE 19" DISPLAY

SEE PAGES 3 AND 4 OF 7 FOR 3700 CASH RECYCLER THROUGH THE WALL WITH VESTIBULE TRIM KIT

REFERENCE FRONT EDGE OF BEZEL FOR DEPTH DIMENSIONS

SEE PLANNING AND SITE PREPARATION GUIDE TP-821853-001.
CONDUIT AND JUNCTION BOX REQUIREMENTS

1. 25mm (1") METAL CONDUIT FROM ALARM CONTROL CABINET. JUNCTION BOX TO 10mm (4") SQ. X 5mm (2") DEEP JUNCTION BOX(es) (ALL OWNERS E.C.) DNA ONLY. FLAT COVER WITH TAMPER SWITCH IS PROVIDED. THE DNA SERVICE ORGANIZATION.

2. 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.

3. 19mm (3/4") METAL CONDUIT AND UNSWITCHED ELECTRICAL SUPPLY TO 102mm (4") SQ. X 54mm (2") DEEP JUNCTION BOX WITH RECEPTACLE. WITHIN 2210mm (87") OF SIDE, CONNECTING PLATE. BOTTOM CONNECTION MUST BE COMPENSATED ACCORDINGLY (ALL OWNERS E.C.) SEE POWER REQUIREMENTS.

4. OWNER'S E.C. TO SUPPLY COMPATIBLE RECEPTACLE FOR COUNTRY SPECIFIC PLUG-IN CONNECTOR SUPPLIED WITH UNIT. POWER CORD LENGTH 2210mm (87") FROM SIDE OF UNIT.

NOTE: JUNCTION BOXES MUST BE LOCATED WITHIN 2210mm (87") 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.

THIRD ANGLE PROJECTION

POWER REQUIREMENTS:

THE TERMINAL REQUIRES A SINGLE-PHASE, THREE-WIRE UNSWITCHED POWER RECEPTACLE. WIRING TO THE RECEPTACLE MUST INCLUDE A THIRD WIRE. EARTH GROUND (CONDUIT GROUND IS NOT ACCEPTABLE). THE TERMINAL WILL PROVIDE A POWER CORD WITH A COUNTRY SPECIFIC POWER PLUG. THE POWER SUPPLIED MUST BE AS SPECIFIED BELOW.

CHOOSE AND SUPPLY THE PROPER POWER FOR THE SITE:

- 100-127 VAC (+6%, -10%) AT 50 (±1%) Hz, SINGLE-PHASE
- 100-127 VAC (+6%, -10%) AT 60 (±1%) Hz, SINGLE-PHASE
- 200-240 VAC (±10%) AT 50 (±1%) Hz, SINGLE-PHASE
- 200-240 VAC (±10%) AT 60 (±1%) Hz, SINGLE-PHASE

POWER TO THE TERMINAL IS TO BE A DEDICATED 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 (+6%, -10%) SERVICE, DISCONNECT AT 20 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:

MACHINING STATUS

<table>
<thead>
<tr>
<th>NO HEATER</th>
<th>WITH BATTERY CHARGING</th>
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<tbody>
<tr>
<td>STD LCD DISPLAY</td>
<td>125 WATTS</td>
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<tr>
<td>TRANSACTION (DISPENSE IN PROGRESS)</td>
<td>153 WATTS</td>
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CONFIGURATION

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<tr>
<th>PROCESSOR (HPSTD)</th>
<th>CCR2</th>
<th>9797</th>
<th>9900</th>
<th>9950</th>
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<tbody>
<tr>
<td>WITH BATTERY</td>
<td>1276 BTU/HR IDLE</td>
<td>1398 BTU/HR DISPENSING</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>1276 BTU/HR IDLE</td>
<td>1398 BTU/HR DISPENSING</td>
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HEAT OUTPUT CONFIGURATION:

<table>
<thead>
<tr>
<th>TEMPERATURE</th>
<th>POWER USAGE</th>
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</thead>
<tbody>
<tr>
<td>IDLE (NO TRANSACTION)</td>
<td>220 WATTS</td>
</tr>
<tr>
<td>TRANSACTION (DISPENSE)</td>
<td>38 WATTS</td>
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</tbody>
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OPERATING ENVIRONMENT:

- TEMPERATURE (INSIDE AT OUTSIDE WALLS OF UPPER CABINET AND SAFE) 0°C TO 38°C (32°F TO 100°F)
- RELATIVE HUMIDITY (NON-CONDENSING) 20% TO 80%
- MAX RATE OF CHANGE 10°C (18°F) PER HOUR
- HIGH ABSOLUTE HUMIDITY 34g WATER/KG DRY AIR (MAXIMUM WET BULB 35°C)
- LOW ABSOLUTE HUMIDITY 1g WATER/KG DRY AIR

WEIGHT OF UNIT:

CEN IV - 1036 kg (2,283 LBS.)
CEN III - 1026 kg (2,262 LBS.)
CEN II - 1005 kg (2,220 LBS.)
CEN I - 994 kg (2,201 LBS.)

ACTUAL WEIGHT OF THE TERMINAL WILL DEPEND ON THE CONFIGURATION OF THE TERMINAL COMPONENTS AND OPTIONS.
VESTIBULE TRIM KIT DETAILS

TRIM KIT SHOWN INSTALLED THROUGH A MINIMUM 50mm (2") UP TO WALL THICKNESS OF 230mm (9") WITH WALL MOUNTING BRACKETS

NOTE
ALL SIZES, DETAILS, SERVICE AREA AND SPECS FOR THE 3700 LOBBY UNIT APPLY TO UNITS INSTALLED WITH THE VESTIBULE TRIM KIT.

TERMINAL WITH 15" DISPLAY SHares ALL THE SAME DIMENSIONS AS THE 19" DISPLAY EXCEPT DISPLAY SIZE AND REACH.

TRIM KIT SHOWN INSTALLED THROUGH A MINIMUM 50mm (2") UP TO WALL THICKNESS OF 390mm (15")
VESTIBULE TRIM KIT AND WALL OPENING DETAILS

TRIM KIT PERSPECTIVE

TRIM KIT EXPLODED VIEW

VESTIBULE TRIM KIT FOR WALL THICKNESSES FROM 50mm (2") TO 230mm (9\(\frac{1}{8}\)"") MINIMUM TO 390mm (15\(\frac{3}{8}\)"") MAXIMUM

TOP WALL MOUNTING BRACKET FOR WALLS 50mm (2") TO 230mm (9\(\frac{1}{8}\)"") NOT USED FOR WALL THICKNESSES 230mm (9\(\frac{1}{8}\)"") TO MAX 390mm (15\(\frac{3}{8}\")

SIDE WALL MOUNTING BRACKET FOR WALLS 50mm (2") TO 230mm (9\(\frac{1}{8}\)"") NOT USED FOR WALL THICKNESSES 230mm (9\(\frac{1}{8}\)"") TO MAX 390mm (15\(\frac{3}{8}\)"

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WALL OPENING DETAIL

DIMENSIONS IN MILLIMETRES (DIMENSIONS IN INCHES)

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DIMENSIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE

"ALLEN MAITSCHECK"
SERVICE AREAS - ADJACENT UNITS

PLAN VIEW - ADJACENT UNITS
(MINIMUM SERVICE AREA)

DIMENSIONS IN METRES
(DIMENSIONS IN INCHES)

ALL ELECTRICAL AND DATA CABLES MUST ENTER UNIT IN THIS AREA

MINIMUM SERVICE AREA

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NOTES:

SECURELY ANCHORING THE TERMINAL TO THE FLOOR:

FOR PROPER SECURITY, IT IS REQUIRED THAT THE TERMINAL SAFE BE SECURED TO THE FLOOR WITH ANCHOR BOLTS. USE THE FOLLOWING GUIDELINES TO DETERMINE THE ANCHORING METHOD FOR THE TERMINAL.

NOTE:

TO COMPLY WITH THE EUROPEAN STANDARD EN 1143-1 REGULATIONS, ANCHORING A CEN SAFE TO A WOOD FLOOR IS NOT PERMITTED. A CEN SAFE CAN ONLY BE ANCHORED TO A CONCRETE OR STEEL FLOOR.

M20 ANCHOR BOLTS PROVIDED BY DIEBOLD MEET/SURPASSE THE FOLLOWING CEN ANCHORING STRENGTH REQUIREMENTS WHEN PROPERLY INSTALLED:

<table>
<thead>
<tr>
<th>CEN</th>
<th>M20 ANCHOR BOLTS</th>
<th>PULLOUT FORCE</th>
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</thead>
<tbody>
<tr>
<td>CEN L</td>
<td>56 kN</td>
<td></td>
</tr>
<tr>
<td>CEN I</td>
<td>100 kN</td>
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</table>

ANCHORING SAFE TO CONCRETE FLOORS:

THE TERMINAL MUST BE ANCHORED TO A CONCRETE FLOOR OR CONCRETE BASE TO MEET CEN REQUIREMENTS. DIEBOLD WILL PROVIDE (4) M20 OR 19mm (3/4") ANCHOR BOLTS THAT ARE 203mm (8") LONG FOR PROPERLY SECURING THE UNIT. THE CONCRETE FLOOR/BASE MUST BE A MINIMUM OF 102mm (4") THICK FOR THE ANCHOR BOLT TO BE EFFECTIVE (THERE IS NO LIMIT FOR MAXIMUM THICKNESS). ANCHOR BOLTS MUST BE USED IN ALL AVAILABLE SAFE ANCHOR HOLES.

ANCHORING SAFE TO STEEL FLOORS:

TERMINALS INSTALLED ON STEEL FLOORS CAN ALSO BE SECURED BY A MACHINE-THREADED NUT AND BOLT METHOD. IT IS PREFERABLE THAT THE HARDWARE BE ATTACHED THROUGH SUPPORTING STEEL POSTS OR BEAMS FOR MAXIMUM HOLDING CAPACITY. ADDITIONALLY, THIS HARDWARE MUST BE ATTACHED TO A LOCALLY FABRICATED REINFORCEMENT PLATE INSTALLED UNDERNEATH THE FLOOR TO PROVIDE ADDITIONAL STRENGTH. THE STEEL BACKING PLATE THICKNESS MUST BE AT LEAST 13mm (1/2"). THE MACHINE-THREADED NUT AND BOLT MUST BE USED IN ALL AVAILABLE ANCHOR HOLES.

CEN L AND CEN I SAFES:

DIEBOLD TERMINALS WITH CEN L AND CEN I SAFES ARE EQUIPPED WITH LEVELING LEGS (FOR TRANSPORTATION PURPOSES ONLY) WHICH MUST BE RETRACTED ABOVE THE BOTTOM OF THE SAFE ALLOWING IT TO SIT DIRECTLY ON THE FLOOR/BASE. THE OWNER'S GENERAL CONTRACTOR MUST PROVIDE A SMOOTH AND LEVEL AREA BELOW SAFE SO IT CAN BE INSTALLED PLUMB AND LEVEL. THIS WILL FACILITATE PROPER ANCHORING OF THE SAFE TO THE CONCRETE FLOOR/BASE.