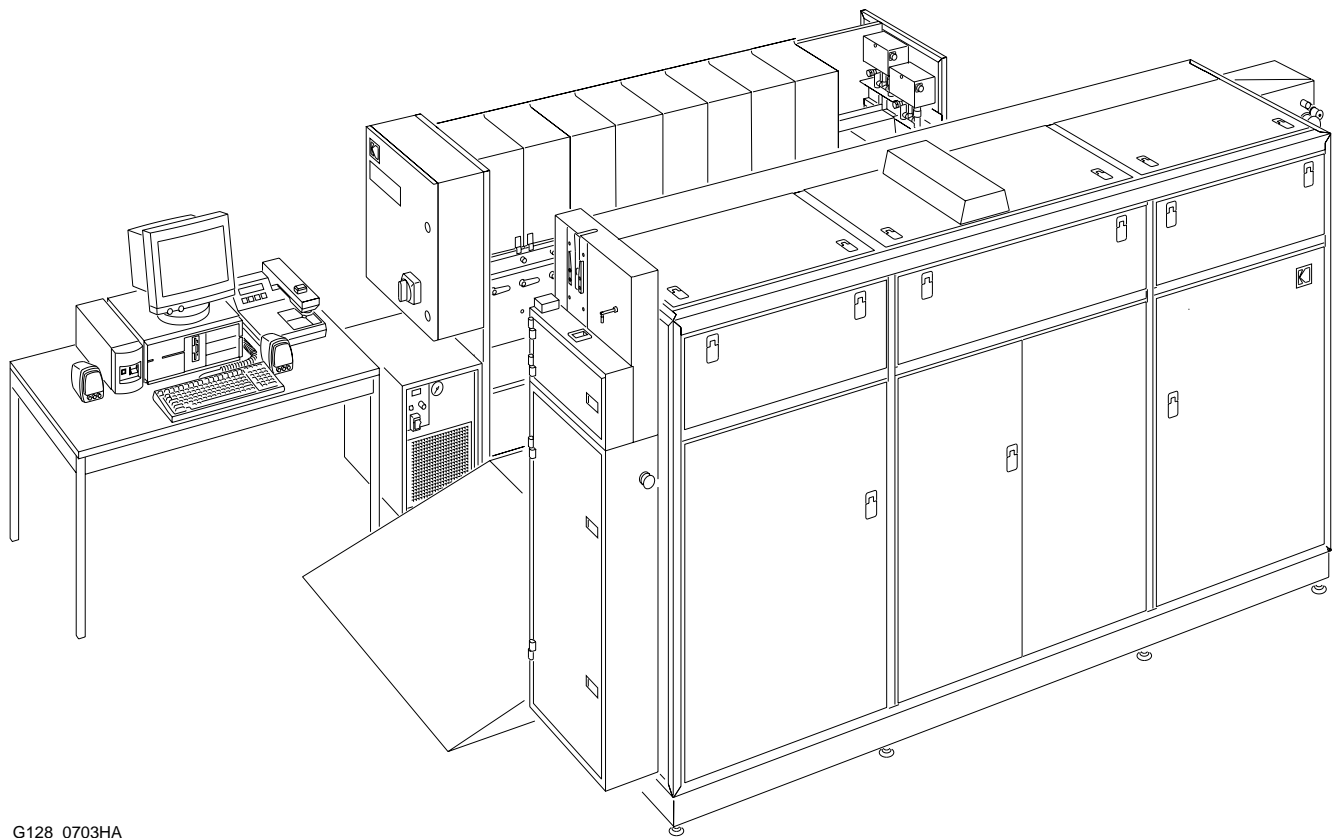


INSTALLATION INSTRUCTIONS
for the
***Kodak K-Lab* PROCESSOR**
Service Code: 2044
for
***Kodachrome* FILM, PROCESS K-14M**



G128_0703HA



GLOBAL CUSTOMER SERVICE AND SUPPORT

PLEASE NOTE The information contained herein is based on the experience and knowledge relating to the subject matter gained by Eastman Kodak Company prior to publication.

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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Table of Contents

Description	Page
Unpacking the System	3
Unpacking the PROCESSOR	3
Unpacking the REPLENISHER RACK	9
Unpacking the FILLING STATION and CHILLER AY	11
Unpacking the COMPUTER Components	13
Connecting the HOSES	14
Installing the Parts	19
Connecting the Electrical Components	21
Connecting the Power in the ELECTRICAL CABINETS	21
Connecting the COMPUTER Components	22
Connecting the INLINE WATER HEATER	24
50/60 Hz Conversion	25
Initial Test for Leakage	26
PROCESSOR	26
CHILLER	26
Final Test for Leakage	27
Preparing for Testing	27
Calibrating the REPLENISHER PUMPS	30
Filling the REPLENISHER LINES	33
Splicing the LEADER	36
Finishing Preparations	37

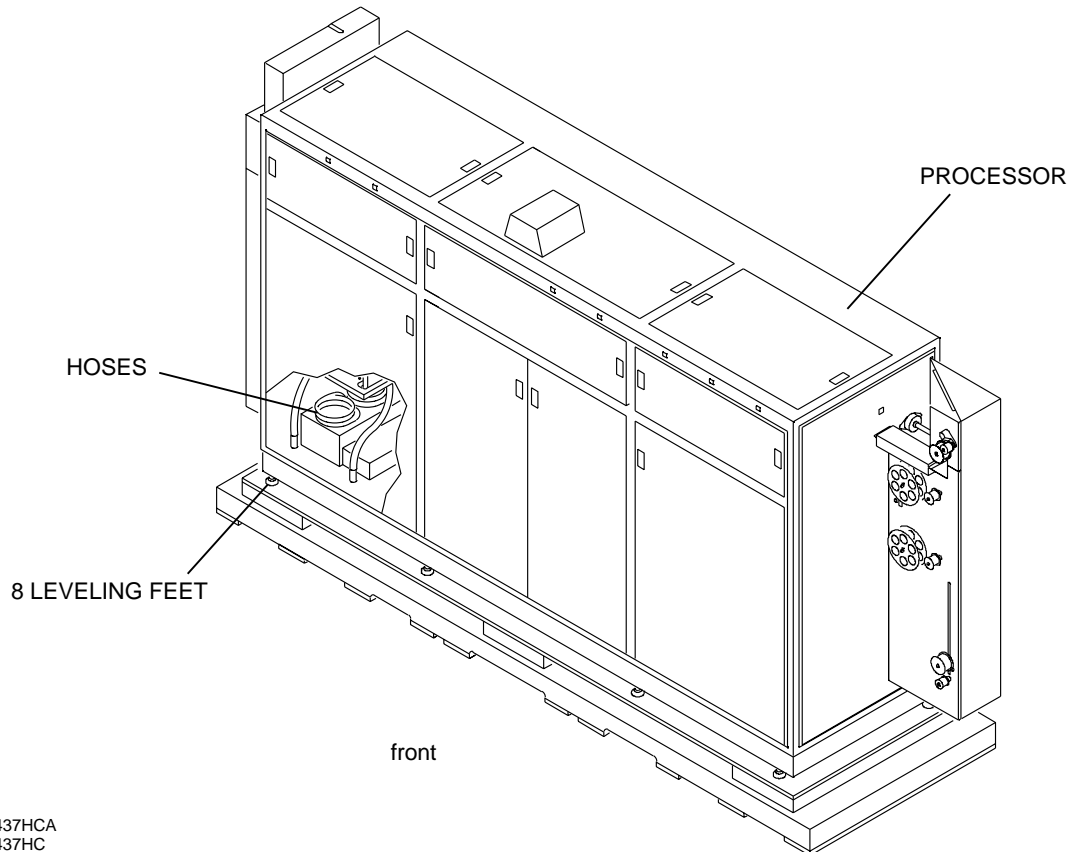
Section 1: Unpacking the System

Unpacking the PROCESSOR



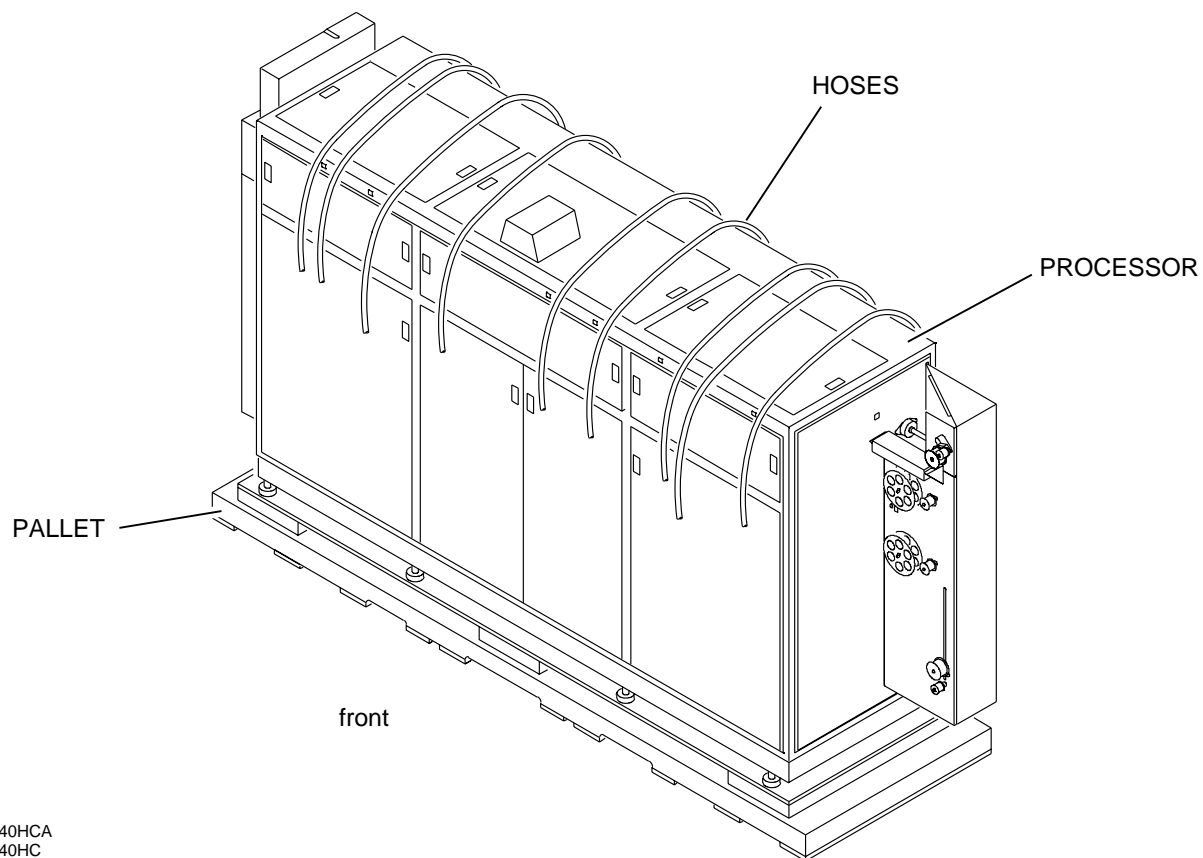
Important

If the *Kodak K-Lab* PROCESSOR is being installed out of the country, you might need to remove a plywood box from the PROCESSOR, REPLENISHER RACK, and CHILLER AY before doing this procedure.



G128_0437HCA
G128_0437HC

- [1] Remove and discard the external packing material from the PROCESSOR.
- [2] Connect the 8 LEVELING FEET to the PROCESSOR.
- [3] Remove all the HOSES from the inside of the PROCESSOR.



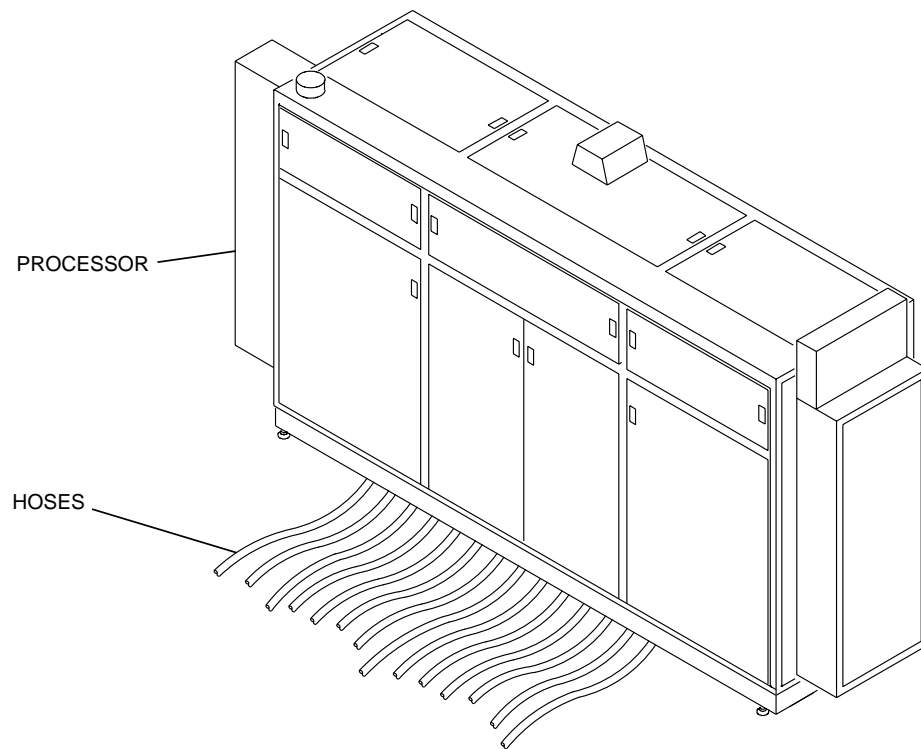
G128_0440HCA
G128_0440HC



Warning

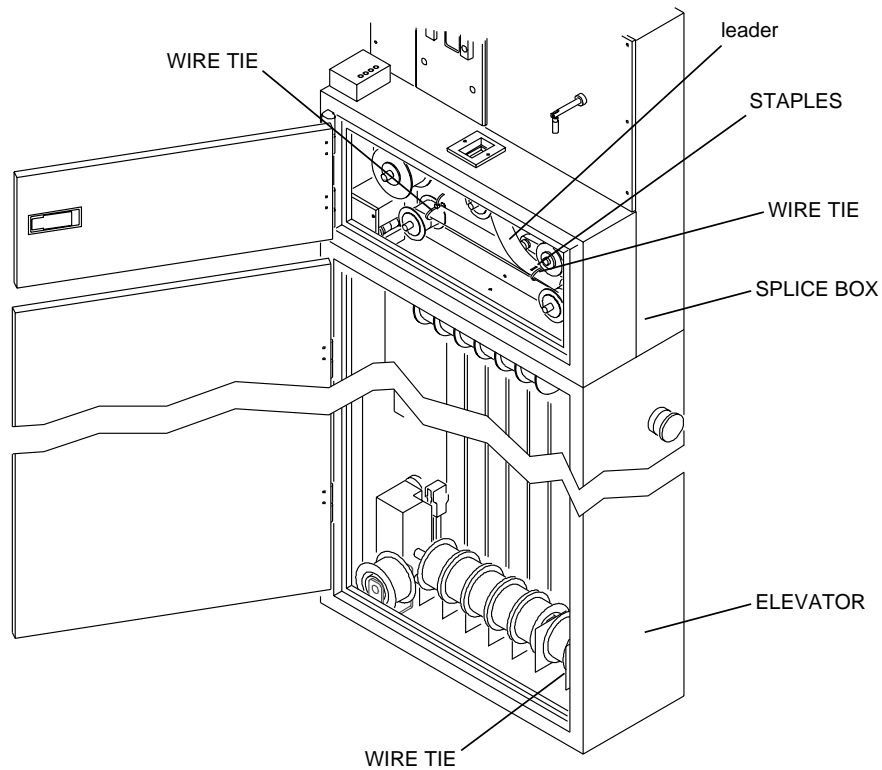
The weight of the PROCESSOR is 910 kg (2000 lbs). Kodak recommends that you use professional RIGGERS to move the equipment.

- [4] Lift the PROCESSOR from the PALLET.
- [5] Place all the HOSES over the top of the PROCESSOR to prevent damage while moving.



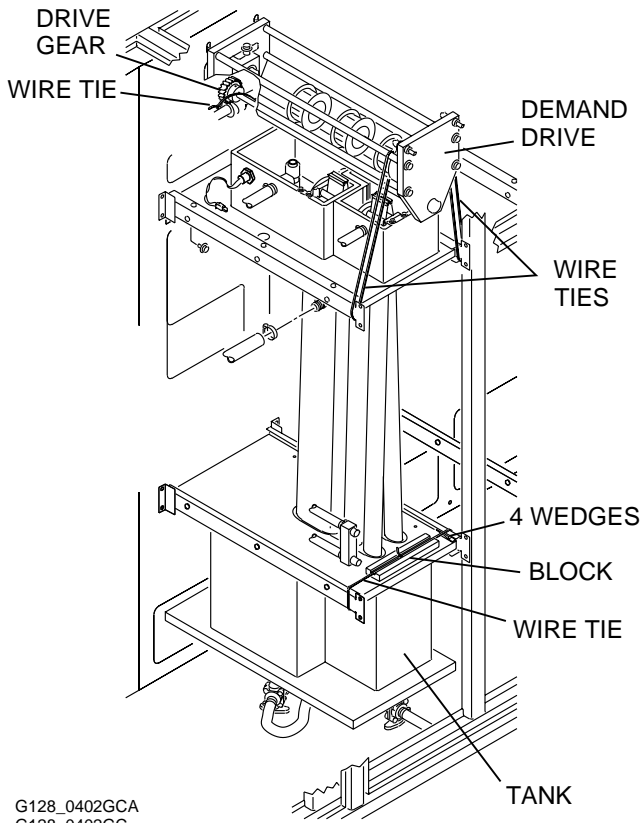
G128_0800HCA
G128_0800HC

- [6] Place the PROCESSOR in the permanent location.
[7] Level the PROCESSOR.



G128_0401HCA
G128_0401HC

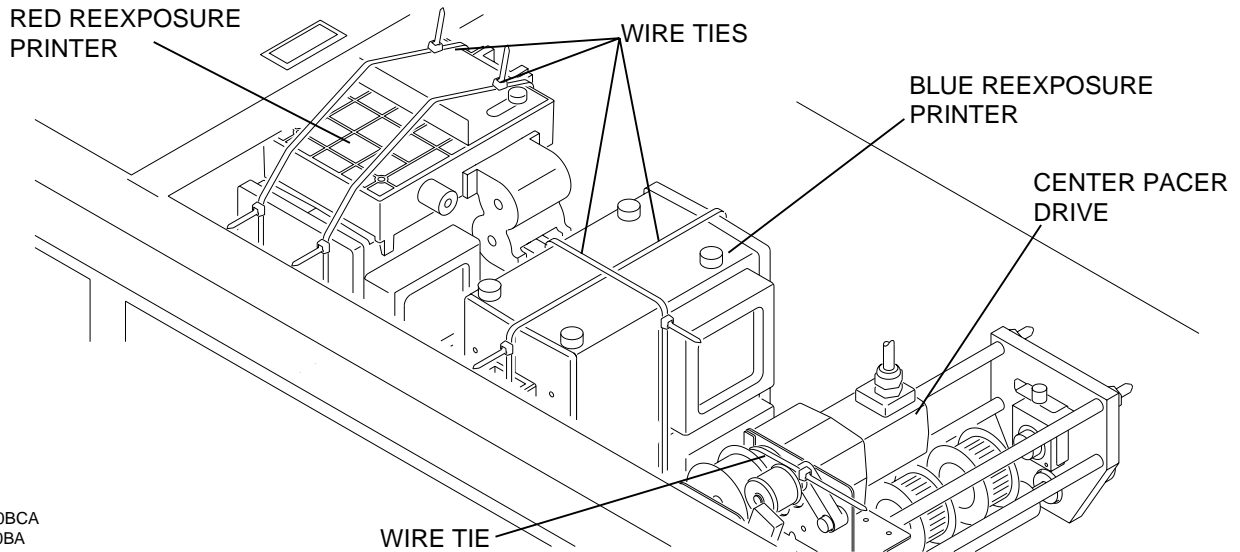
- [8] Remove:
- WIRE TIES from the SPLICE BOX
 - STAPLES from the LEADER
 - WIRE TIE from the ELEVATOR



G128_0402GCA
G128_0402GC

[9] Remove from all 7 TANKS:

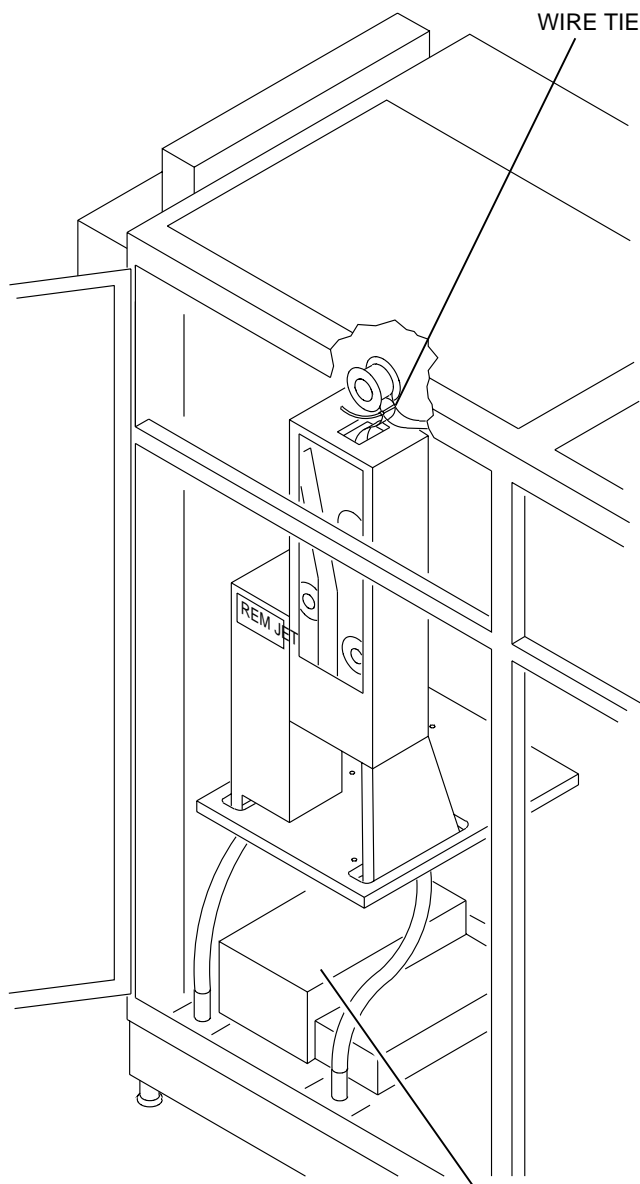
- WIRE TIE from the TANK
- 4 WEDGES
- BLOCK
- WIRE TIES from each side of the DEMAND DRIVE
- WIRE TIE from the DRIVE GEAR



G128_0400BCA
G128_0400BA

[10] Remove:

- WIRE TIES from the RED REEXPOSURE PRINTER
- WIRE TIES from the BLUE REEXPOSURE PRINTER
- WIRE TIE from the CENTER PACER DRIVE



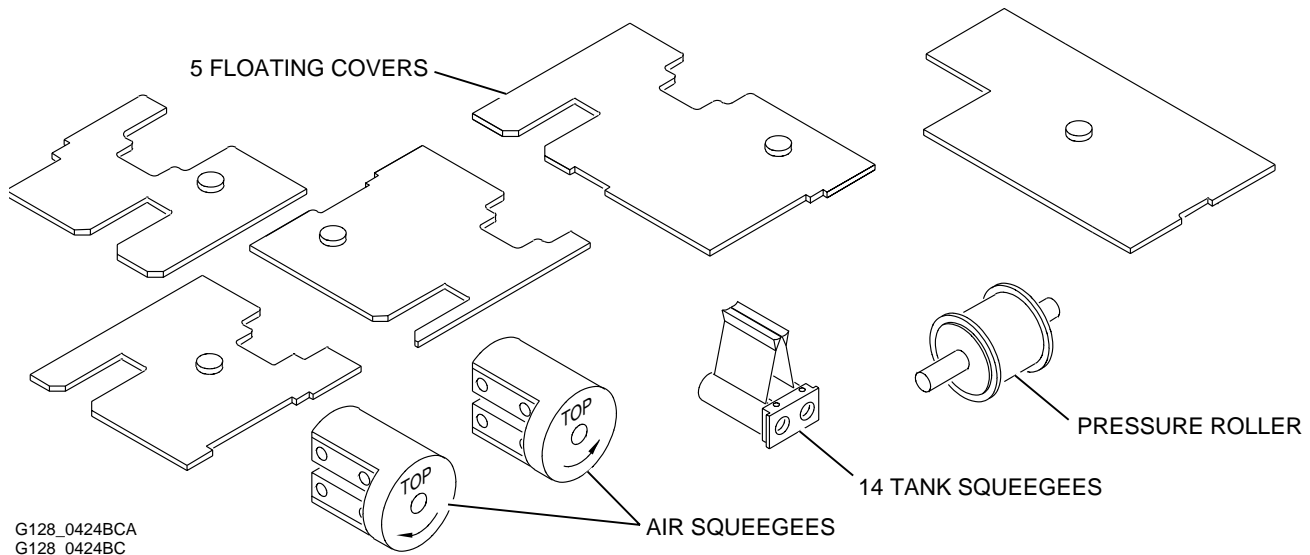
[11] Remove:

- WIRE TIE
- BOX of miscellaneous parts

G128_0414CCA
G128_0414CC

BOX of miscellaneous
parts

INSTALLATION INSTRUCTIONS

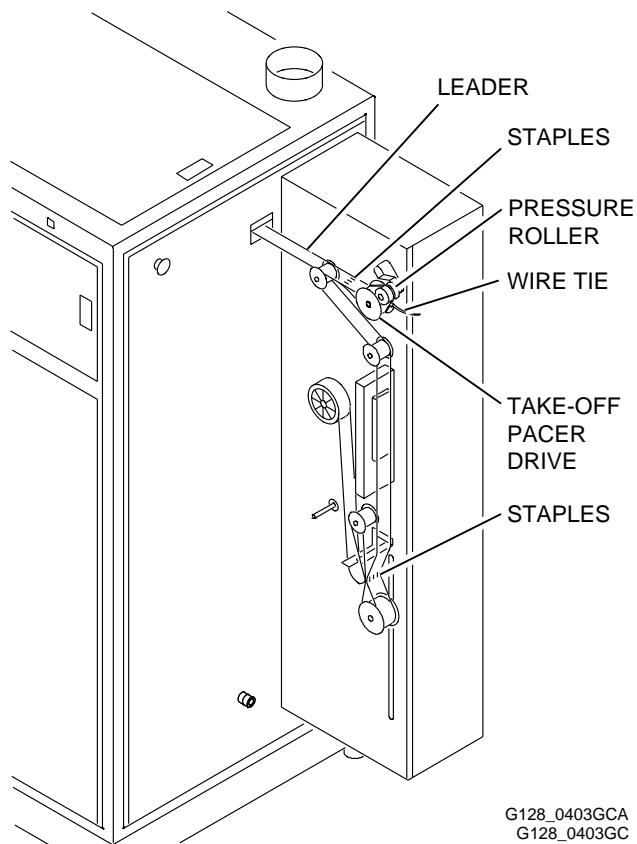


[12] Check that the box of miscellaneous parts contains:

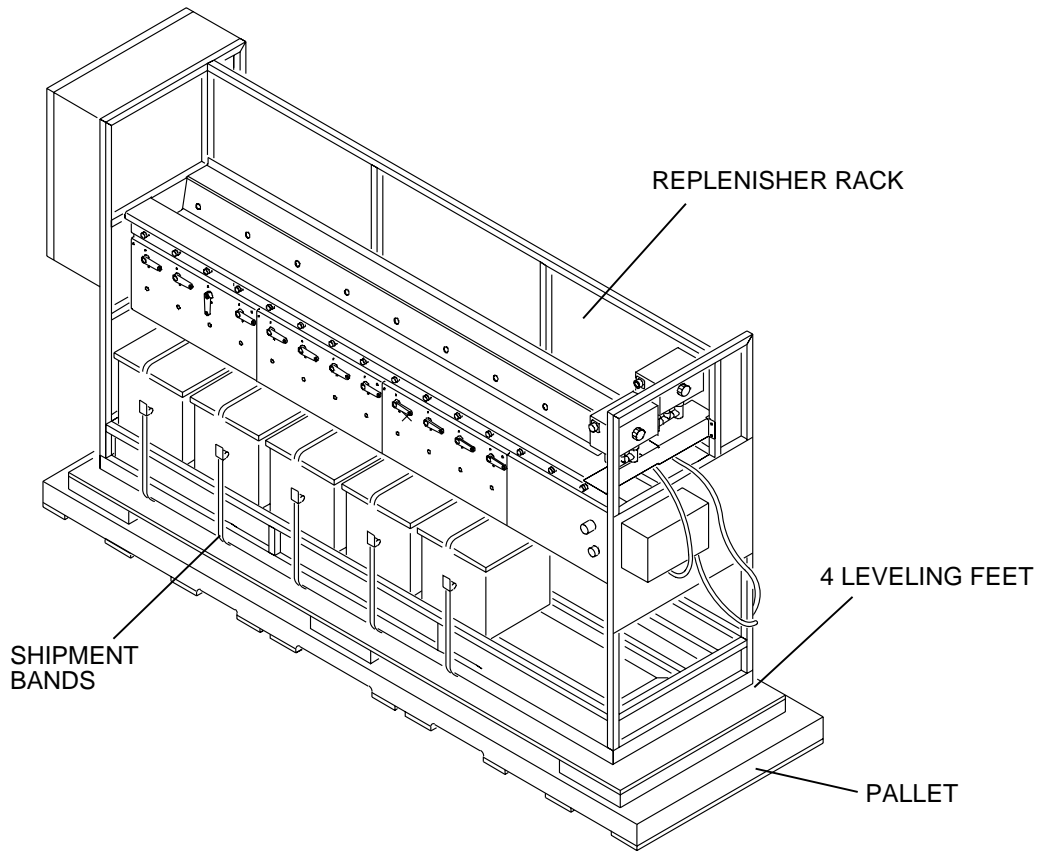
- 5 FLOATING COVERS
- PRESSURE ROLLER
- 14 TANK SQUEEGEES
- 2 AIR SQUEEGEES

[13] Remove:

- WIRE TIES
- STAPLES



Unpacking the REPLENISHER RACK



G128_0409HCA
G128_0409HC

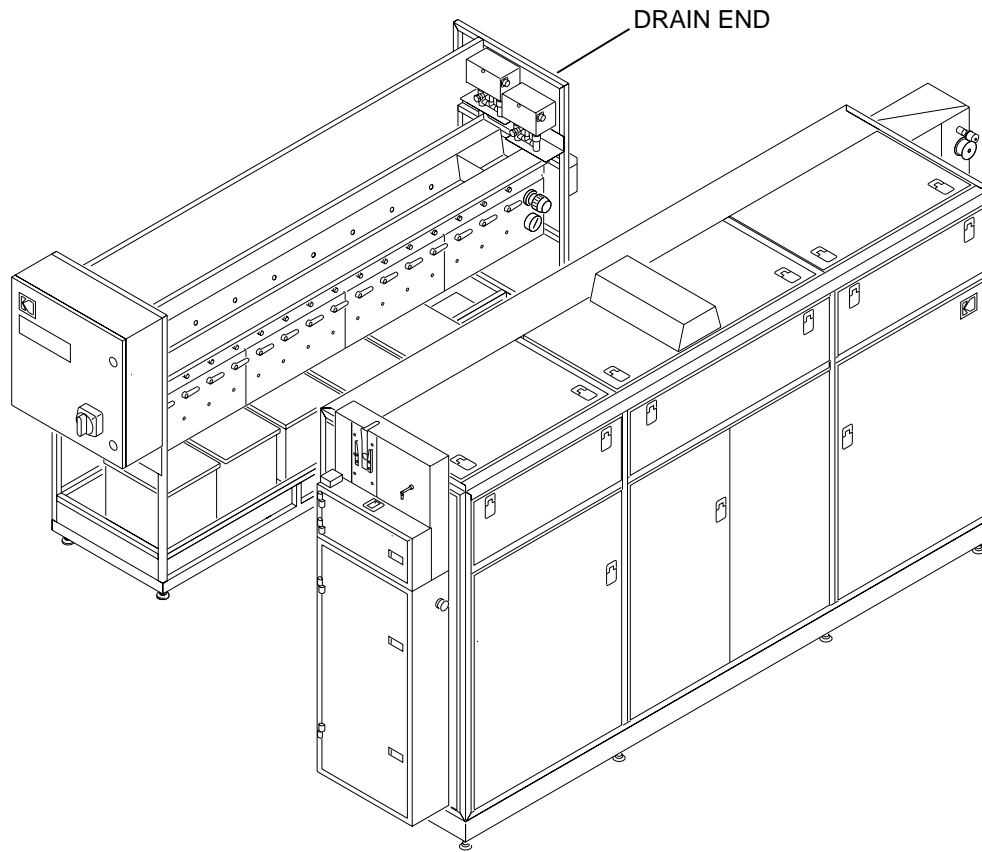
- [1] Remove and discard the external packing material from the REPLENISHER RACK.
- [2] Remove the 5 SHIPMENT BANDS.



Warning

The weight of the REPLENISHER RACK is 227 kg (500 lbs).

- [3] Lift the REPLENISHER RACK from the PALLET.



G128_0706HCA
G128_0706HA



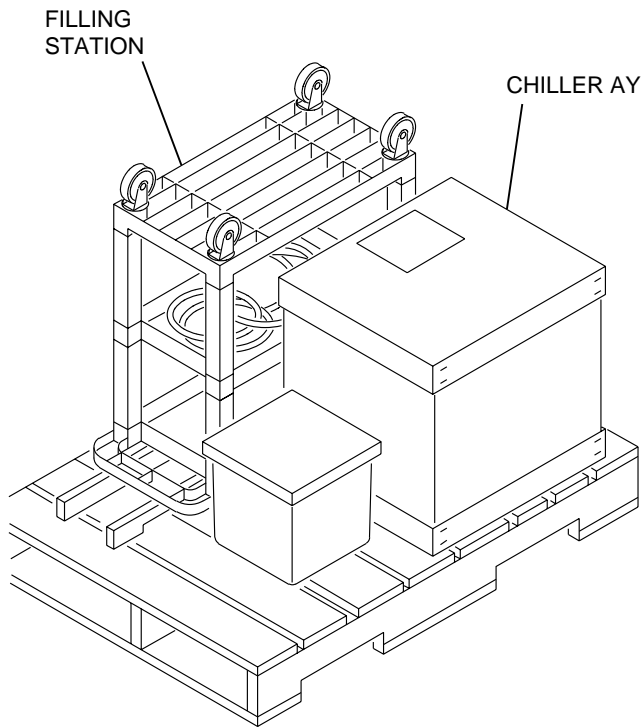
Important

The DRAIN END must be the lowest point of the REPLENISHER RACK.

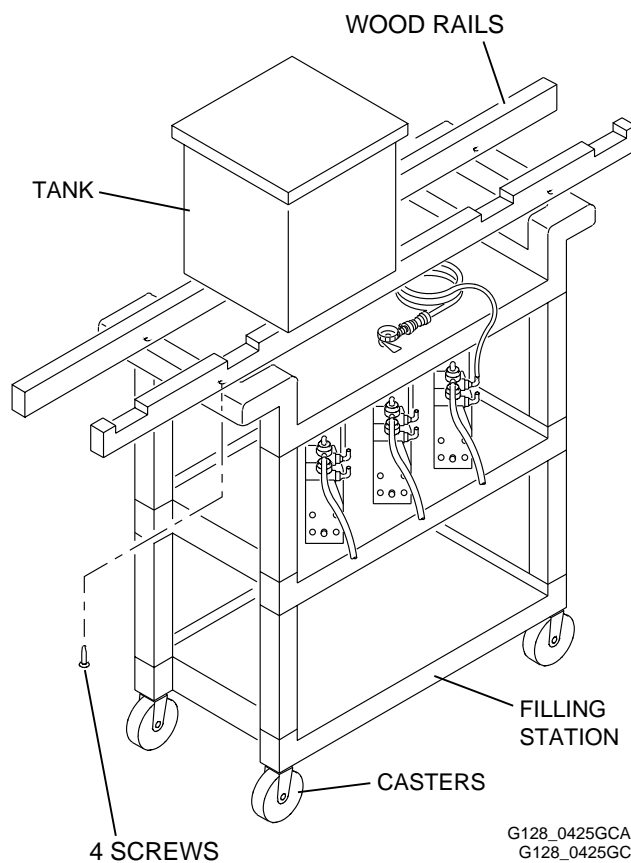
[4] Place the REPLENISHER RACK in the permanent location.

Unpacking the FILLING STATION and CHILLER AY

- [1] Remove and discard the packing material from the FILLING STATION and CHILLER AY.

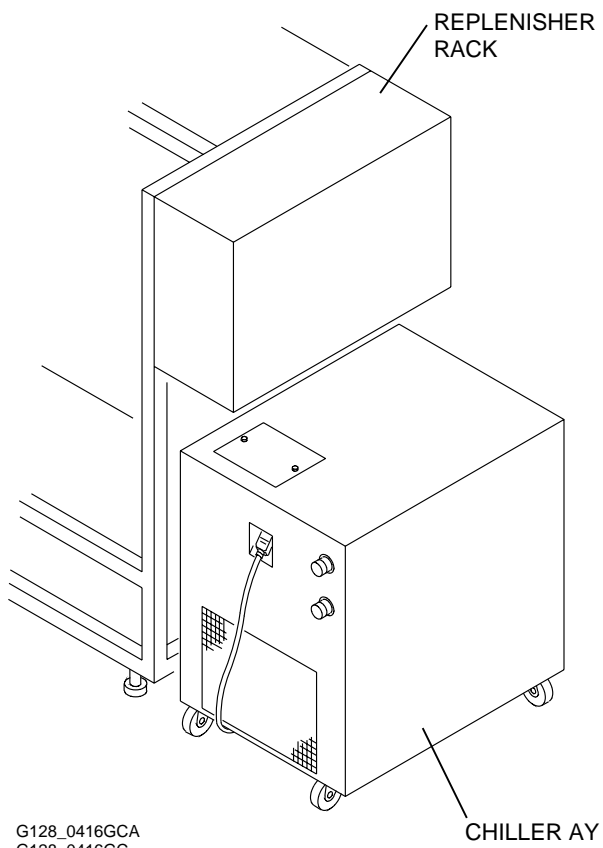


G128_0435GCA
G128_0435GC



- [2] Remove the FILLING STATION from the PALLET and set it on the CASTERS.
- [3] Place the TANK on top of the FILLING STATION using the WOOD RAILS and the 4 SCREWS provided.

INSTALLATION INSTRUCTIONS

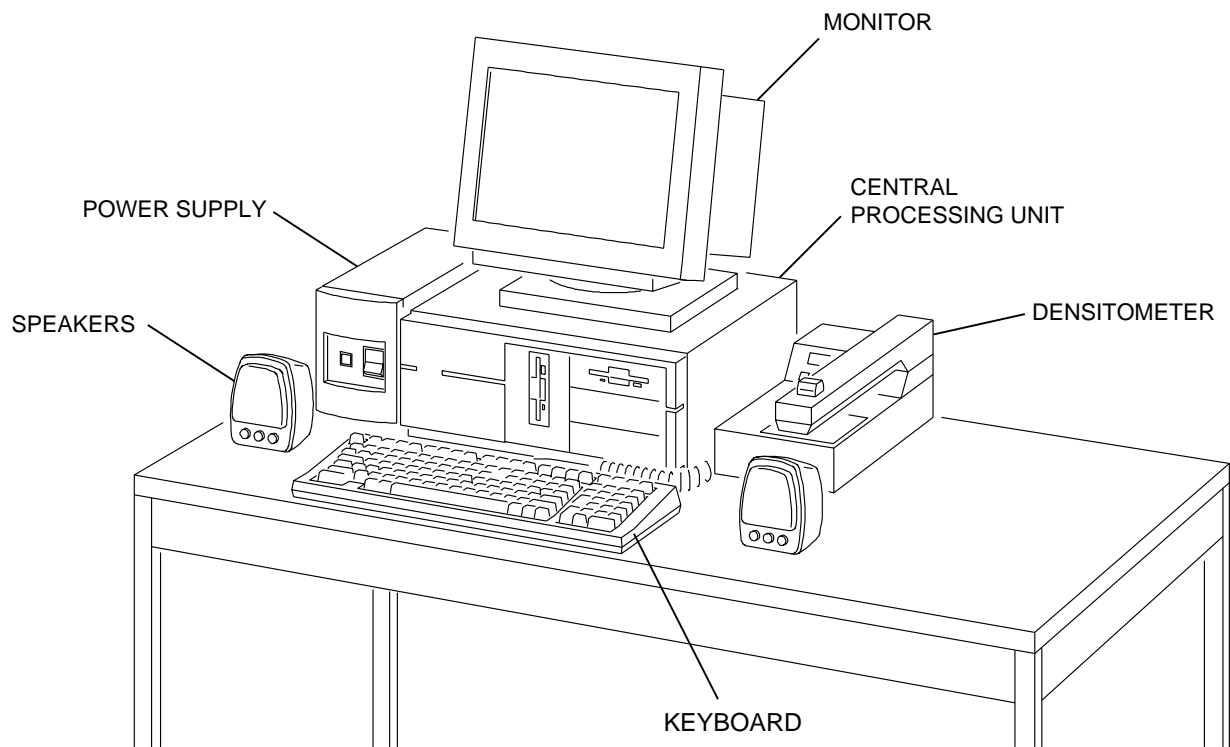


G128_0416GCA
G128_0416GC

[4] Unpack the CHILLER AY.

[5] Place the CHILLER AY next to REPLENISH RACK.

Unpacking the COMPUTER Components

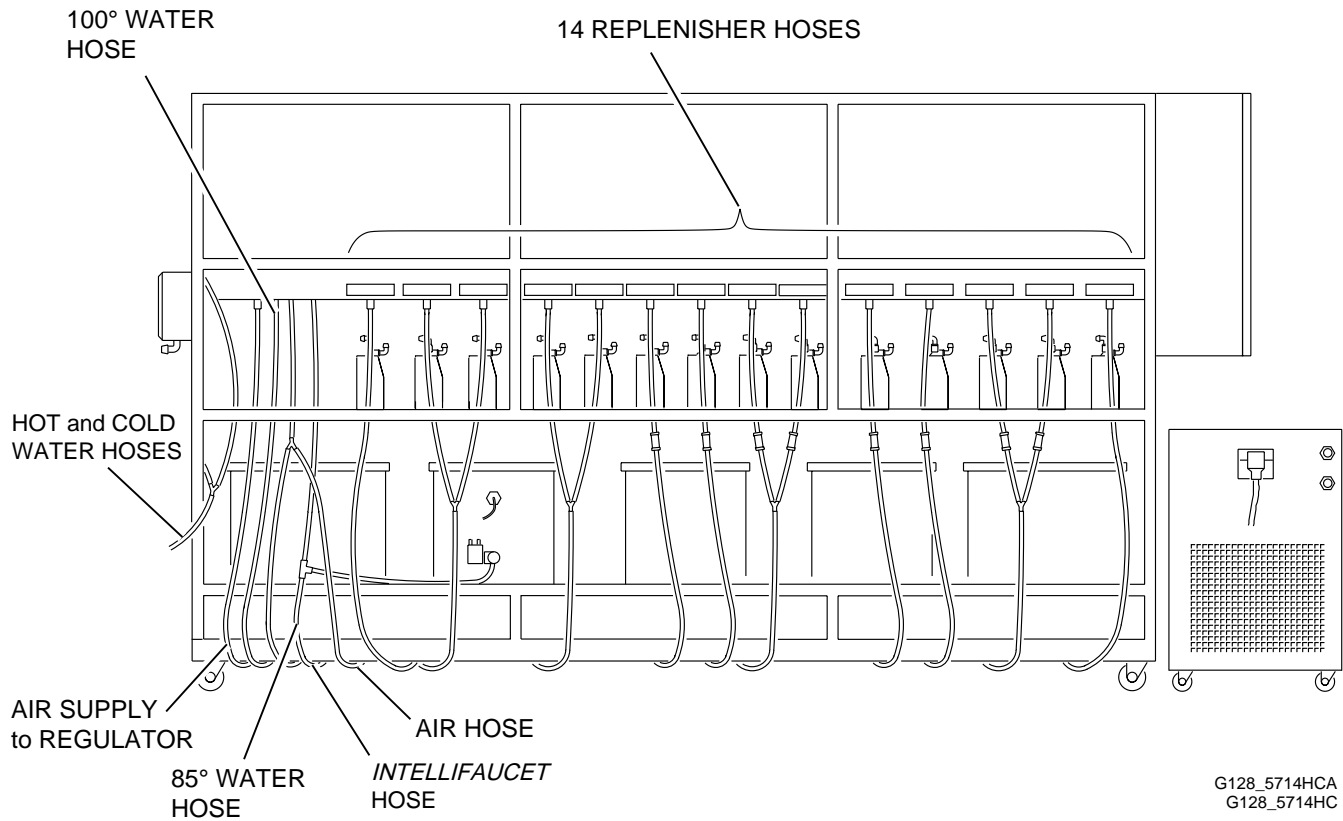


G128_4902HCA
G128_4902HC

[1] Unpack:

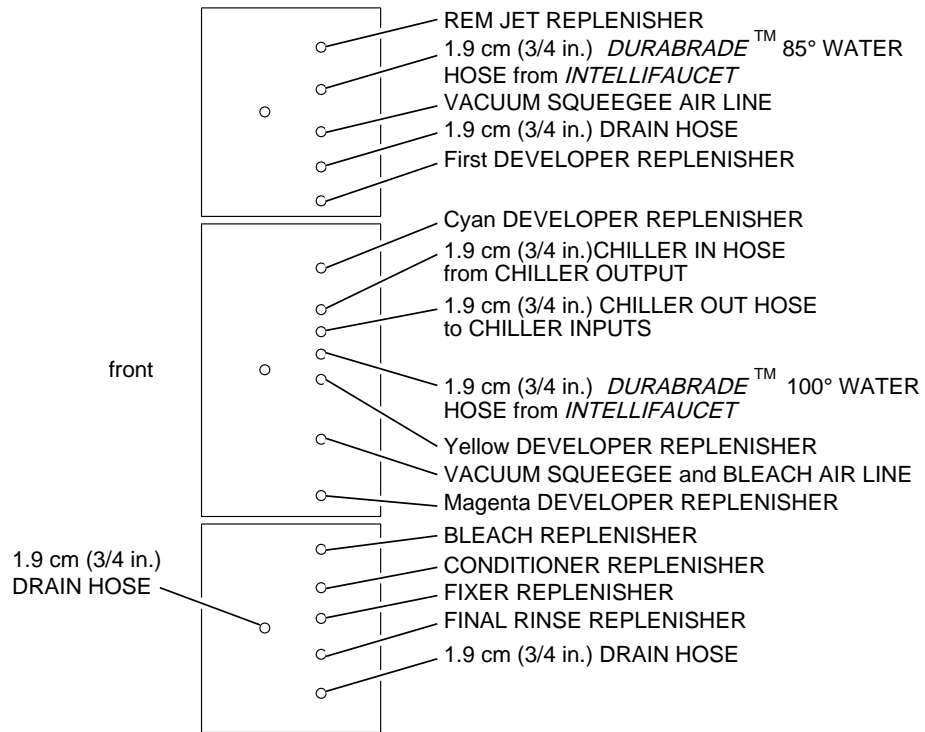
- MONITOR
- CENTRAL PROCESSING UNIT
- KEYBOARD
- POWER SUPPLY
- DENSITOMETER
- SPEAKERS

Section 2: Connecting the HOSES



[1] Connect:

- 14 REPLENISHER HOSES
- 2 WATER HOSES
- AIR HOSE
- *INTELLIFAUCET* HOSE

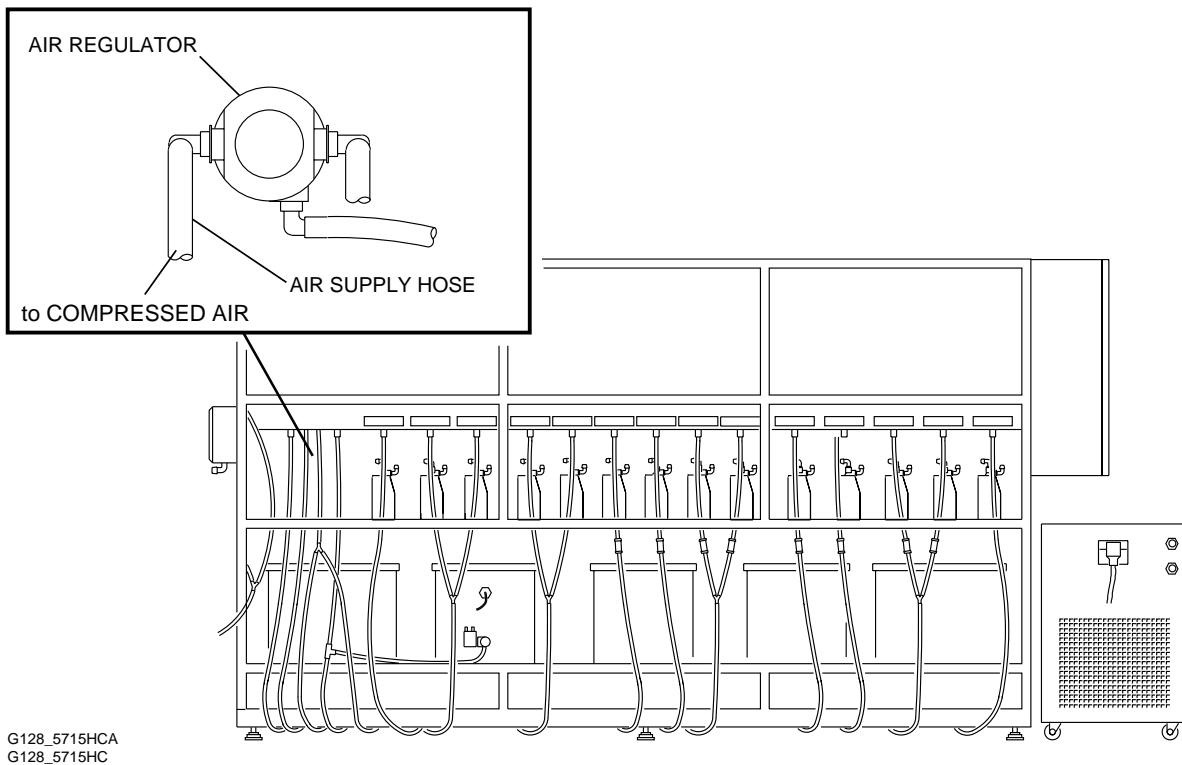


G128_0438HCA
G128_0438HC

[2] Connect the 1.9 cm (3/4 in.) HOSES to the bottom of the PROCESSOR. See the graphic for the correct positions.

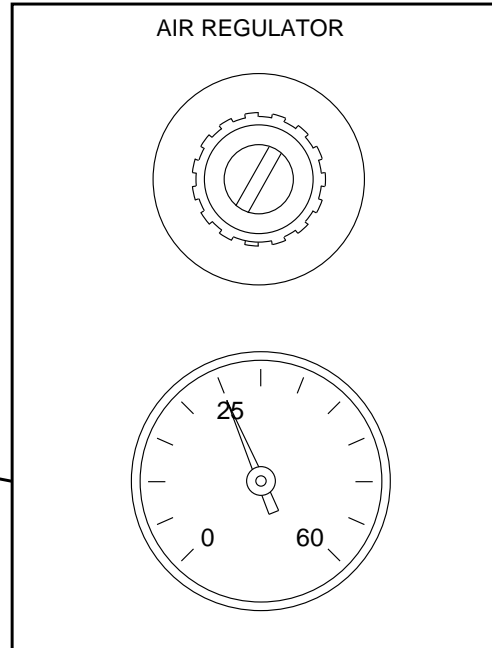
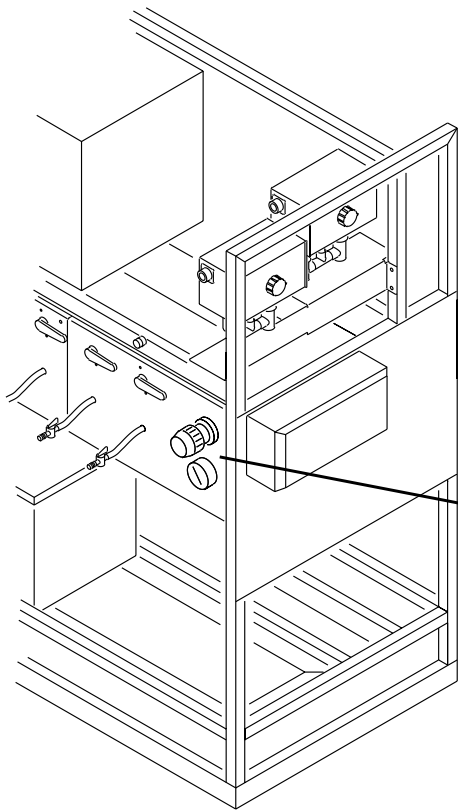
Note

The HOSES must reach the drains.

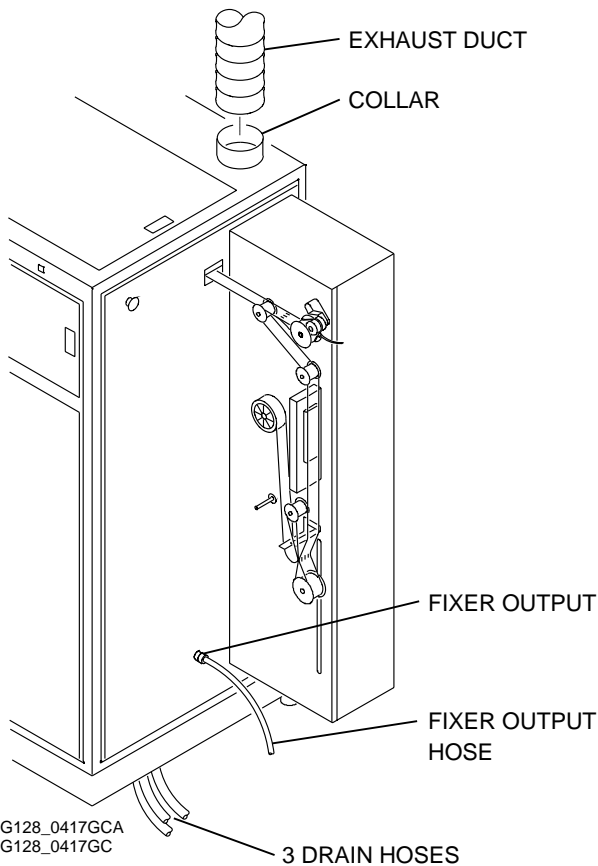


G128_5715HCA
G128_5715HC

[3] Install a 1.2 cm (1/2 in.) AIR SUPPLY HOSE to the AIR REGULATOR.



G128_0014HC



G128_0417GCA
G128_0417GC

[4] Set the AIR REGULATOR to 25 psi.

[5] Route the DRAIN HOSES to the drain.

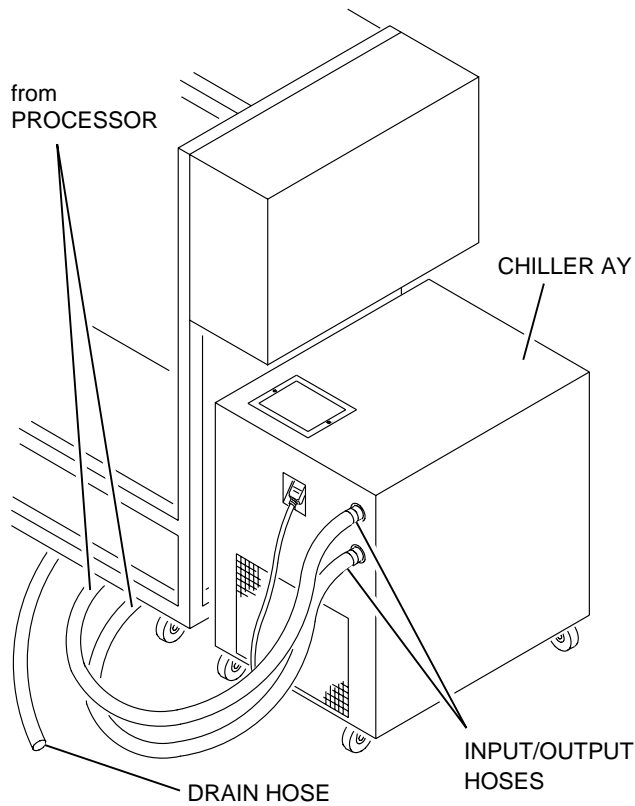
Note

The flow for the DRAIN HOSE must not be blocked.

[6] Connect the FIXER OUTPUT HOSE to the FIXER OUTPUT.

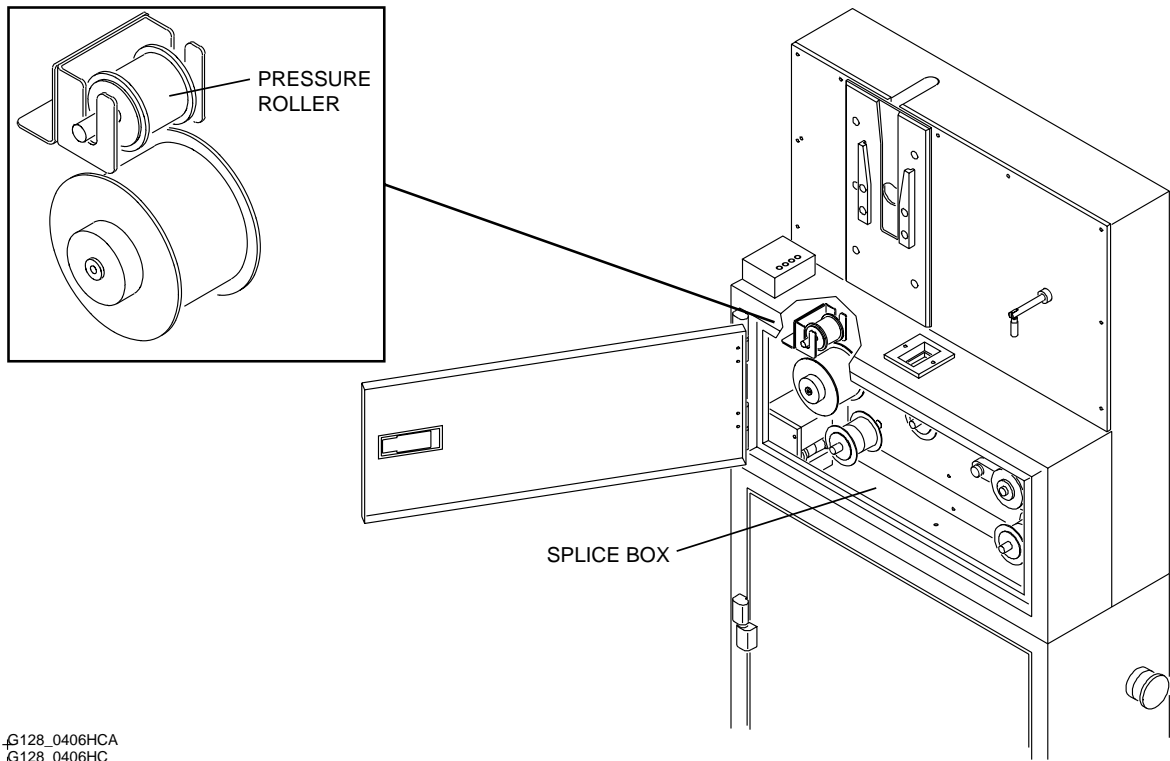
[7] Connect the EXHAUST DUCT to the COLLAR.

- [8] Connect the INPUT and OUTPUT HOSES from the PROCESSOR to the CHILLER AY.
- [9] Route the DRAIN HOSE to the drain.

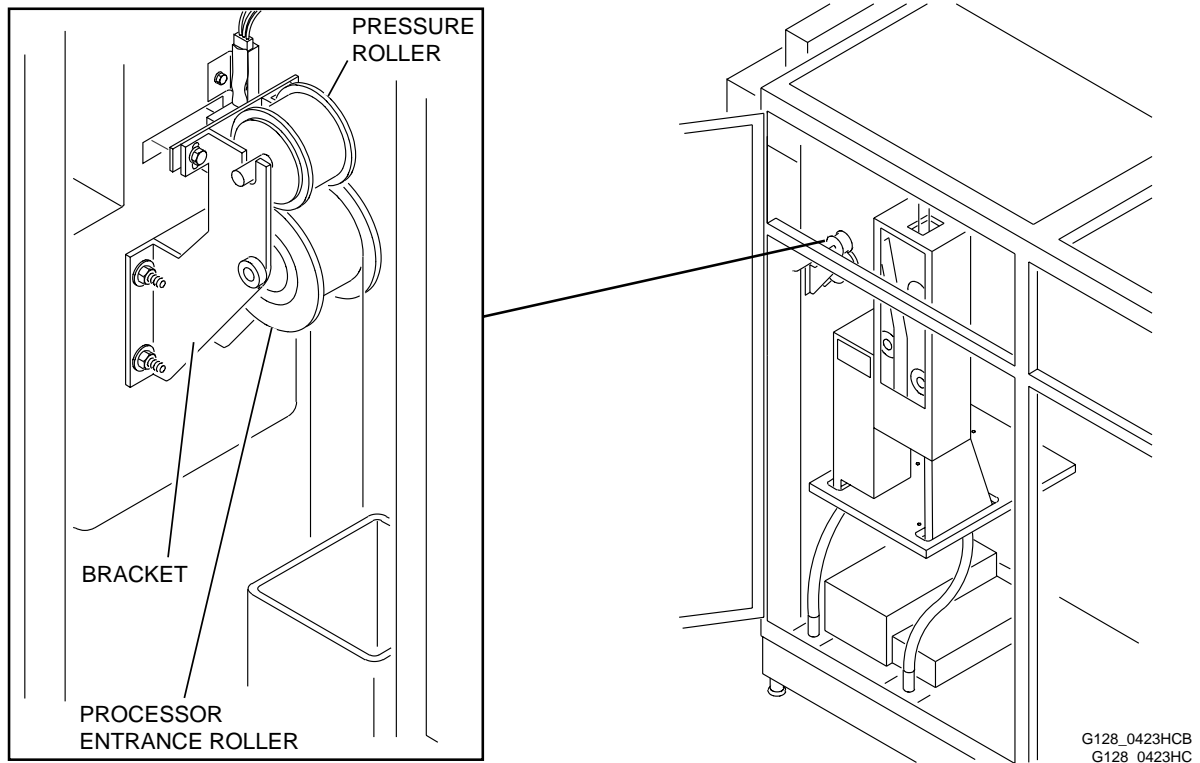


G128_0418GCA
G128_0418GC

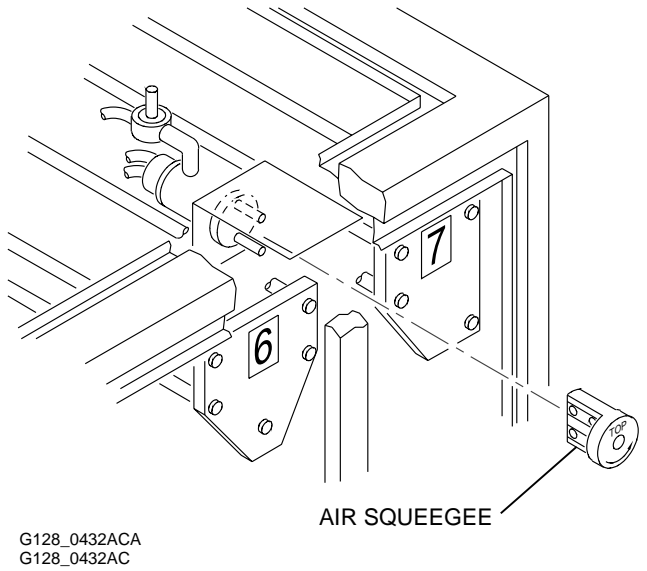
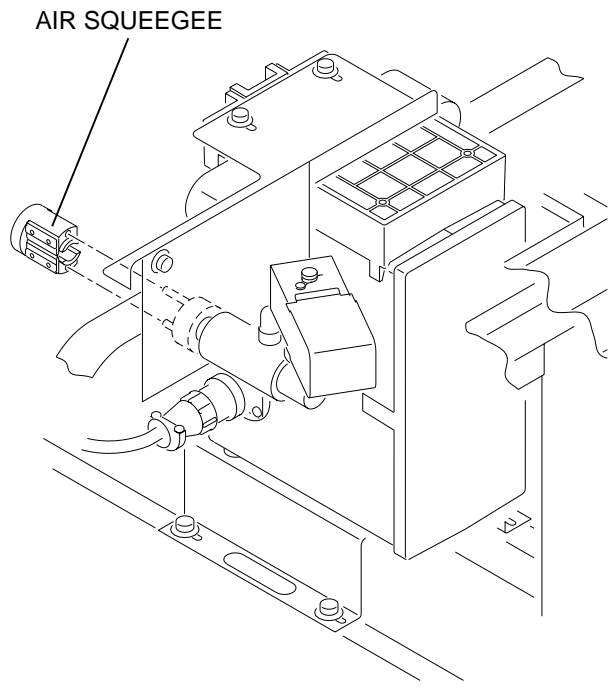
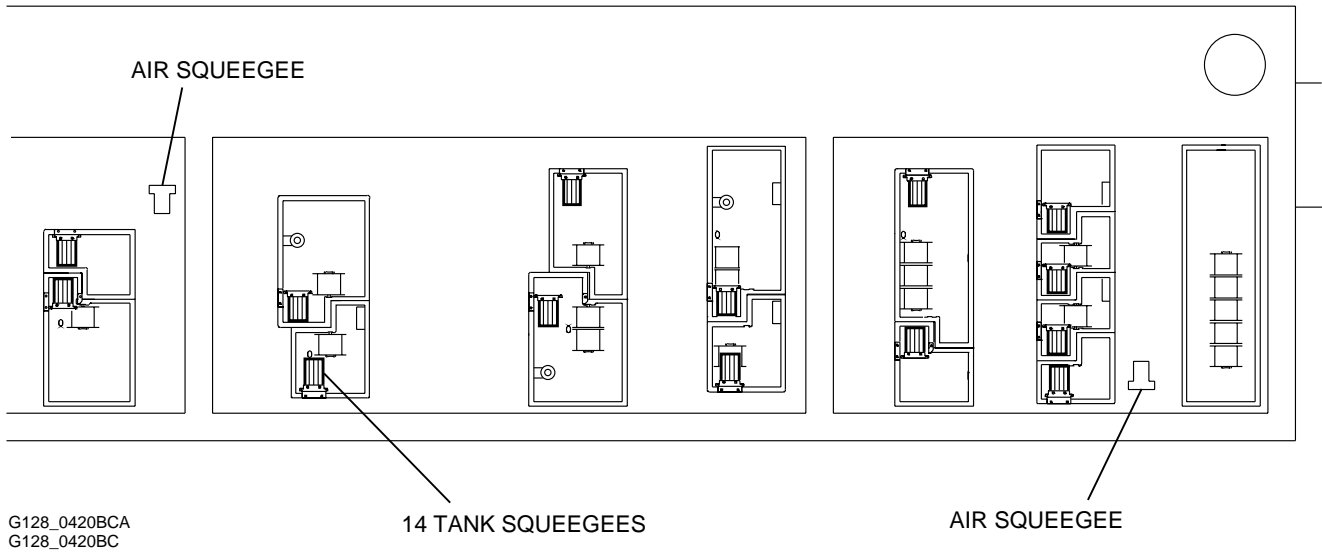
Section 3: Installing the Parts



[1] Install the PRESSURE ROLLER in the SPLICE BOX.



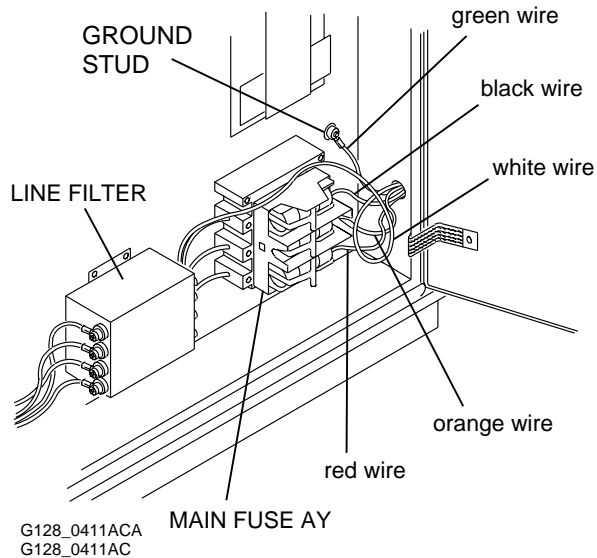
[2] Install the PRESSURE ROLLER in the BRACKET for the PROCESSOR ENTRANCE ROLLER.



[3] Install the 2 AIR SQUEEGEES and 14 TANK SQUEEGEES.

Section 4: Connecting the Electrical Components

Connecting the Power in the ELECTRICAL CABINETS



Important

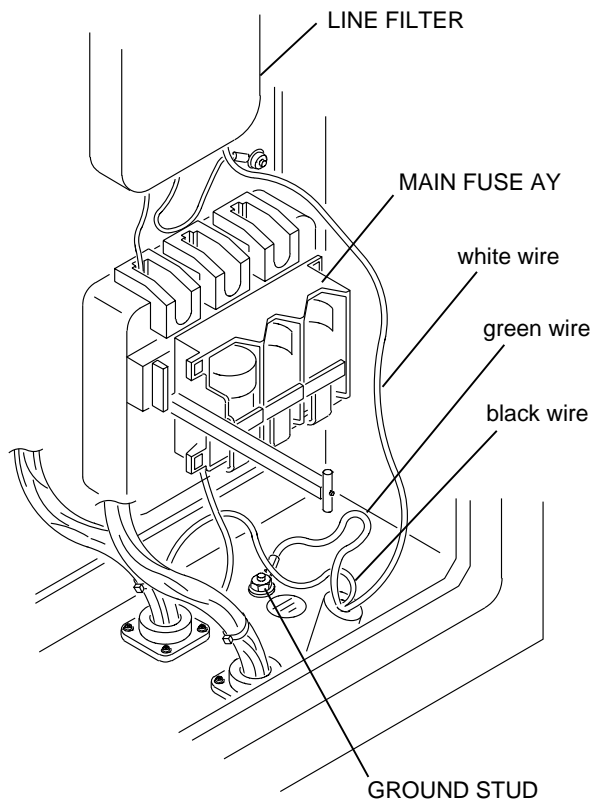
An electrician should make these connections.

- [1] Check that all the connections are correct in the ELECTRICAL CABINET of the PROCESSOR.

Check that:	is connected to:
black wire	MAIN FUSE AY
red wire	MAIN FUSE AY
orange wire	MAIN FUSE AY
white wire	LINE FILTER
green wire	GROUND STUD

- [2] Check that the supplied voltage meets the site specifications.

- [3] Check that all the connections are correct in the ELECTRICAL CABINET of the REPLENISHER RACK.

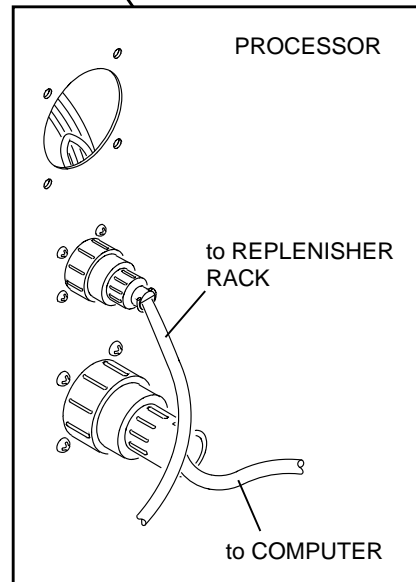
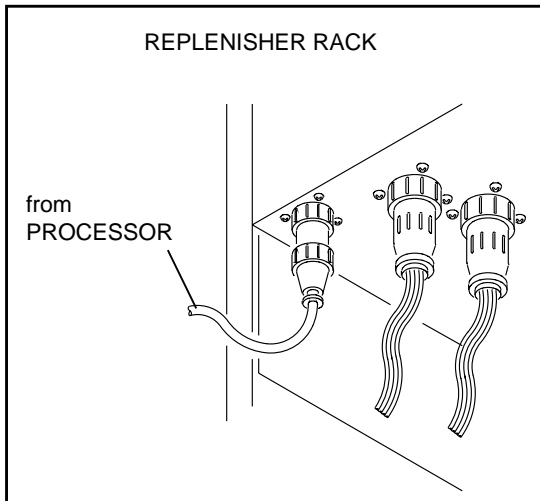
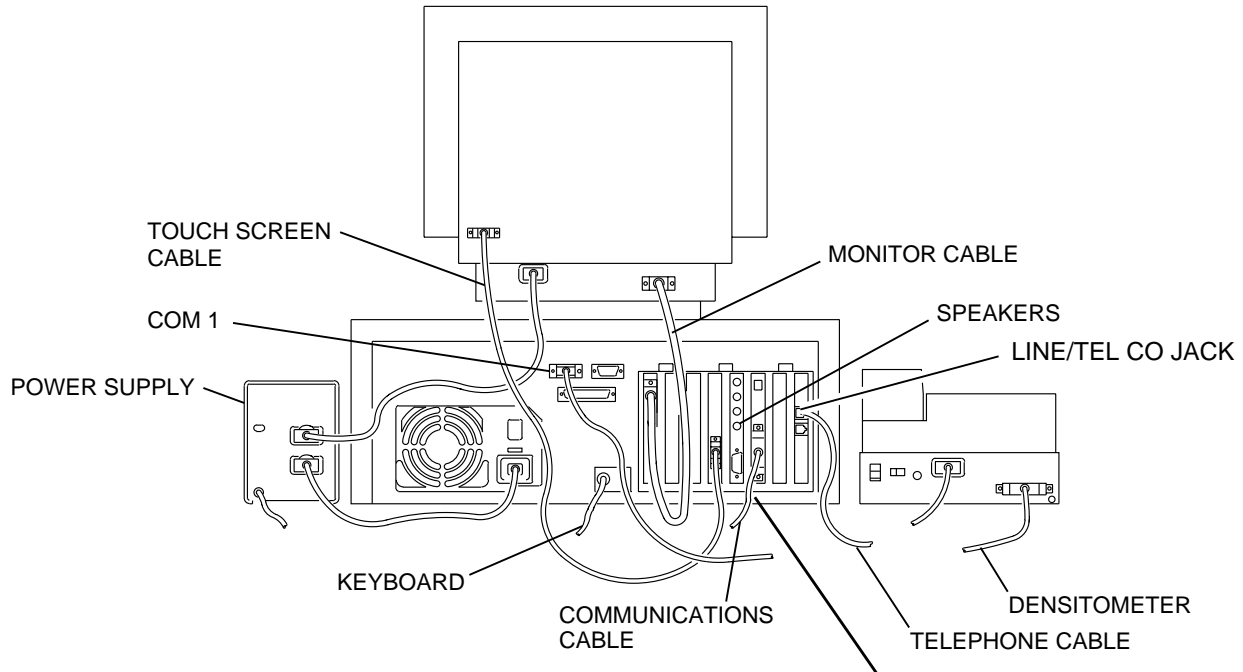


Check that:	is connected to:
black wire	MAIN FUSE AY
white wire	LINE FILTER
green wire	GROUND STUD

- [4] Check that the supplied voltage meets the site specifications.

- [5] Connect the power of the CHILLER AY into the wall OUTLET.

Connecting the COMPUTER Components



G128_0408DCA
G128_0408DC

[1] Connect the COMPUTER to the PROCESSOR and the REPLENISHER RACK.

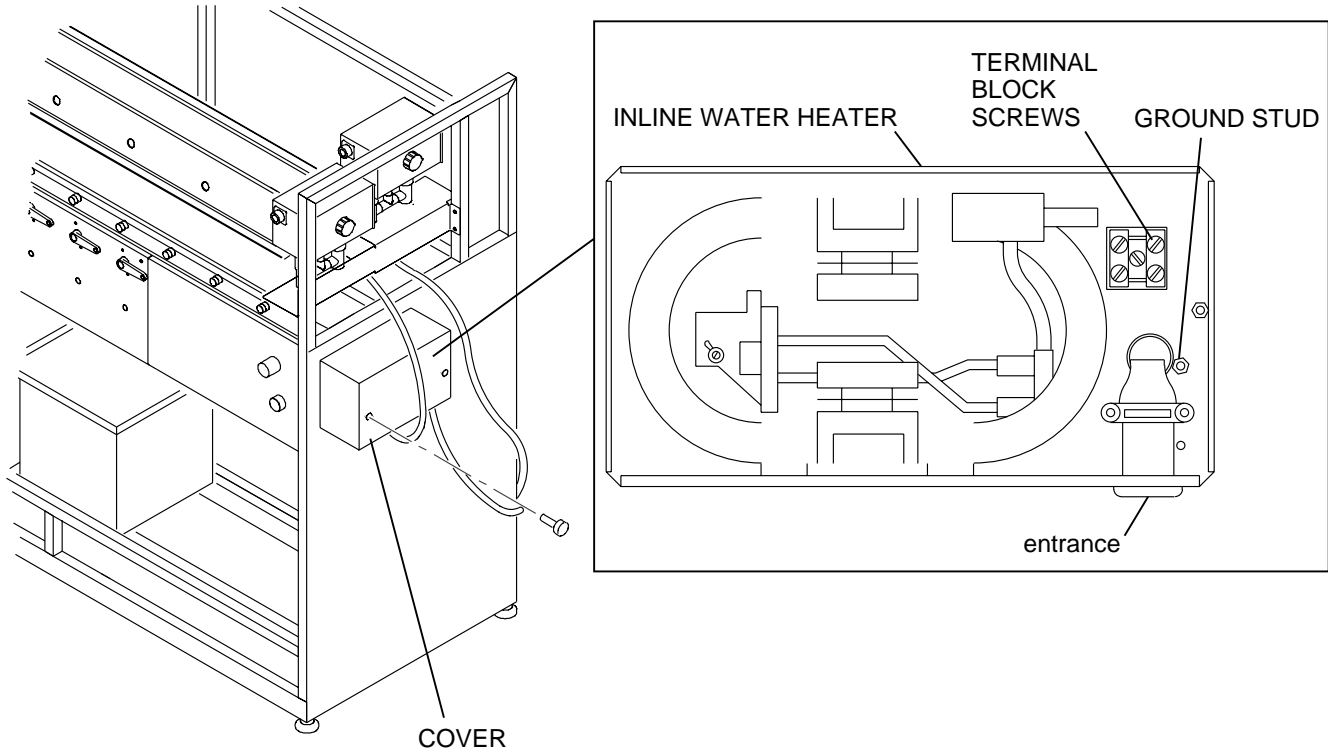
Connect:	From:	To:
TELEPHONE CABLE	PHONE JACK	LINE/TEL CO JACK
COMMUNICATIONS CABLE	CENTRAL PROCESSING UNIT	PROCESSOR
COMMUNICATIONS CABLE	PROCESSOR	REPLENISHER RACK
TOUCH SCREEN CABLE	MONITOR	CENTRAL PROCESSING UNIT
MONITOR CABLE	MONITOR	CENTRAL PROCESSING UNIT
DENSITOMETER COMMUNICATIONS CABLE	DENSITOMETER	COM 1 on the CPU

Connect:	To:
KEYBOARD	CENTRAL PROCESSING UNIT
MONITOR	SWITCHED WALL OUTLET
DENSITOMETER AC POWER	SWITCHED WALL OUTLET
CENTRAL PROCESSING UNIT	UPS POWER SUPPLY
UPS POWER SUPPLY	WALL OUTLET (Do not use the SWITCHED WALL OUTLET)

 **Note**

- Some COMPUTERS have different positions for the connections.
- If the film breaks, you have 30 seconds to prevent exposure of the film to light. You must de-energize the room lights, MONITOR, and DENSITOMETER within this time. It would be convenient to have a SWITCH RECEPTACLE for the MONITOR and DENSITOMETER next to the room lights SWITCH.

Connecting the INLINE WATER HEATER



G128_0430HCA
G128_0430HC

- [1] Remove the COVER from the INLINE WATER HEATER.
- [2] Route the CABLE through the entrance.

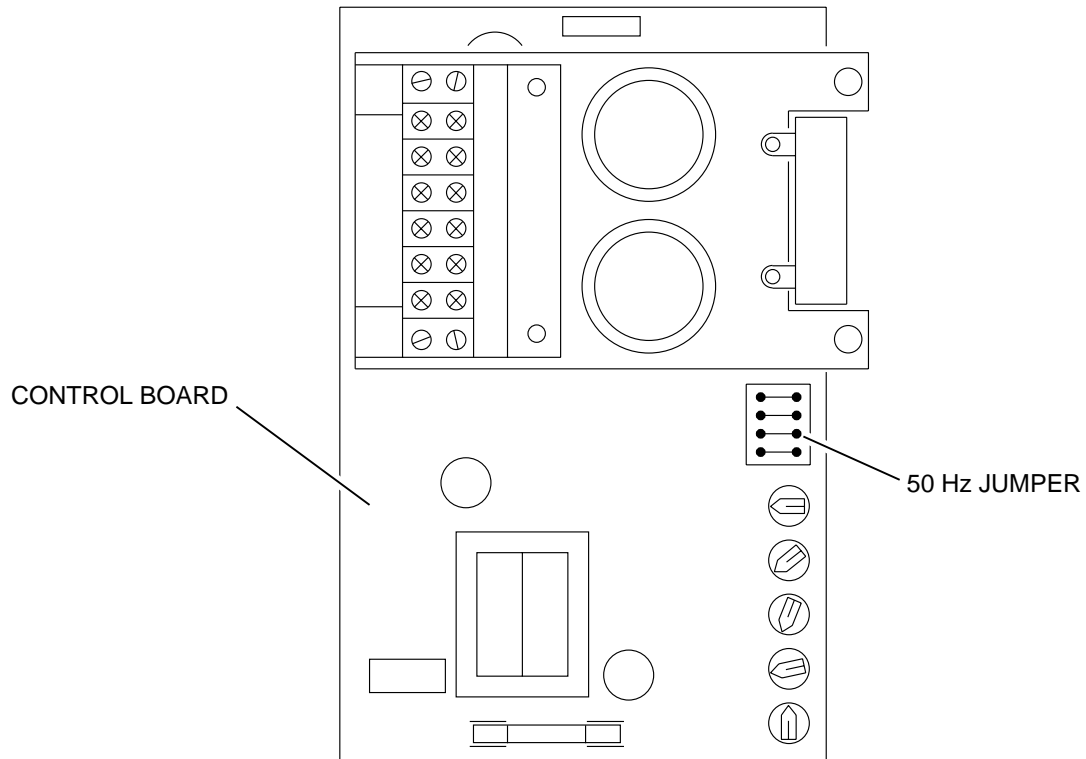
Connect:	To:
black wire	TERMINAL BLOCK
white wire	TERMINAL BLOCK
green wire	GROUND STUD

- [3] Tighten the TERMINAL BLOCK SCREWS.
- [4] Place the COVER on the INLINE WATER HEATER.

Note

You may have to do this procedure more than once if your hot water supply does not support the PROCESSOR.

Section 5: 50/60 Hz Conversion



G128_1705HCA
G128_1705HC

Note

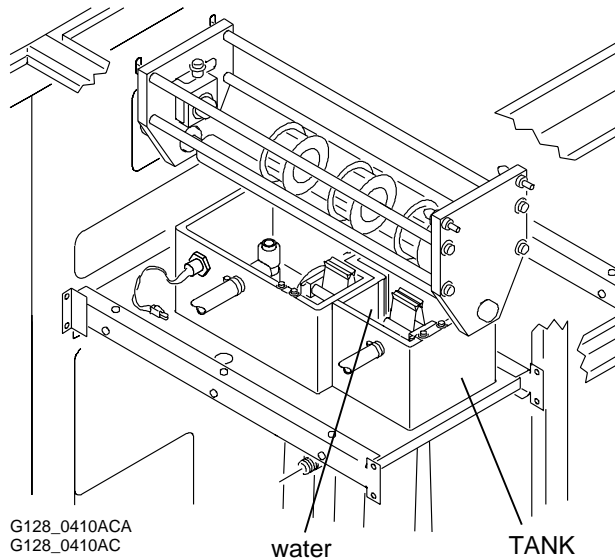
This is for the European, African, and Middle Eastern Regions (EAMER) only.

[1] Cut the 50 Hz JUMPER wire on the 3 MOTOR CONTROL BOARDS:

- DEMAND DRIVE BOARD
- CENTER POWER BOARD
- TAKE-OFF PACER BOARD

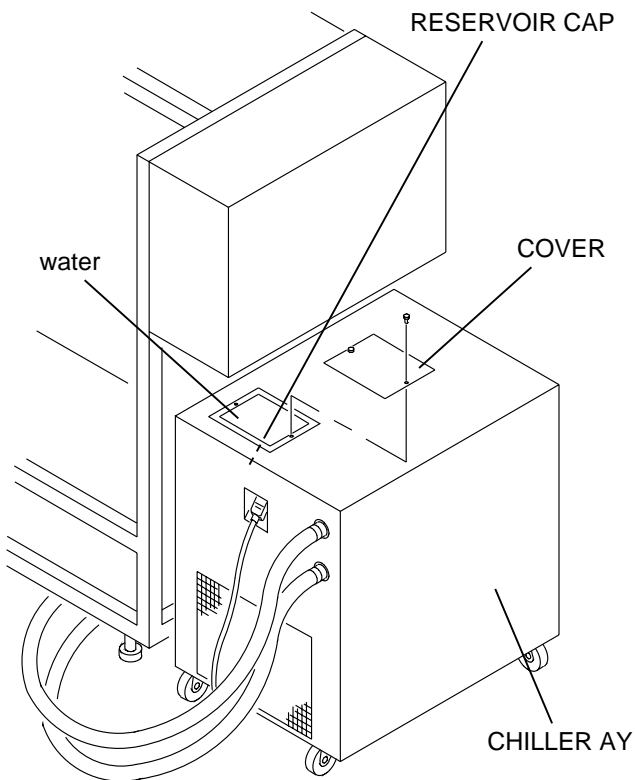
Section 6: Initial Test for Leakage

PROCESSOR



- [1] Fill the TANKS in the PROCESSOR with water.
- [2] Check the PROCESSOR for leakage.

CHILLER



- [1] Remove the COVER.
- [2] Remove the RESERVOIR CAP.
- [3] Fill the CHILLER AY with water.



Warning

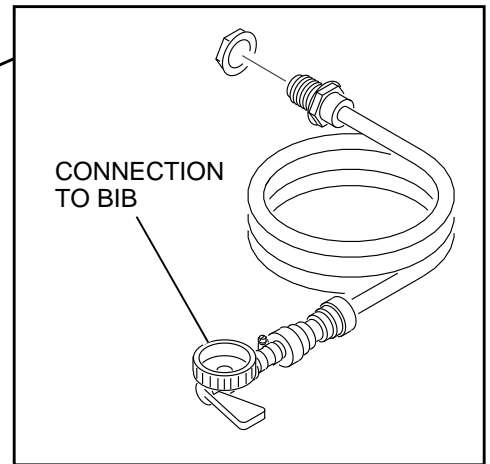
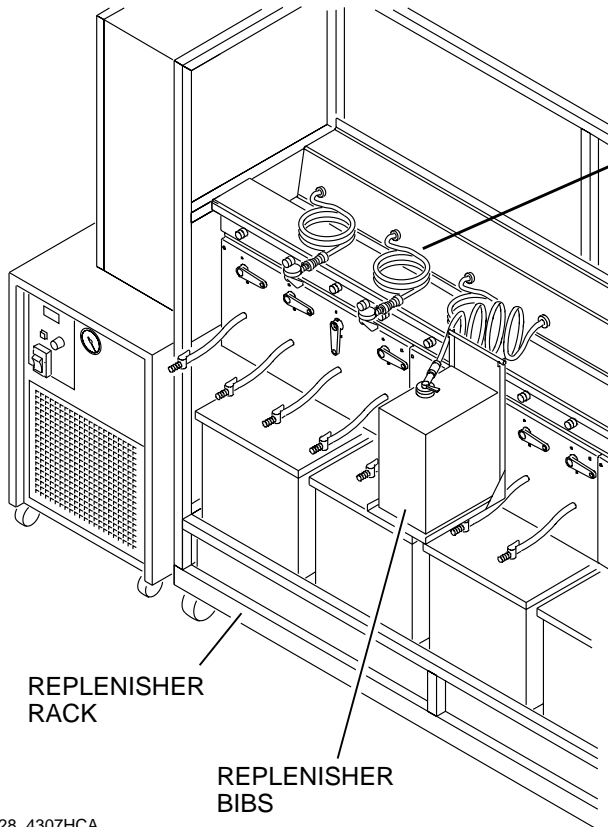
Dangerous Voltage

- [4] Energize the CHILLER.
- [5] Add additional water as the air escapes from the CHILLER.
- [6] Install the RESERVOIR CAP.
- [7] Check the CHILLER AY for leakage.

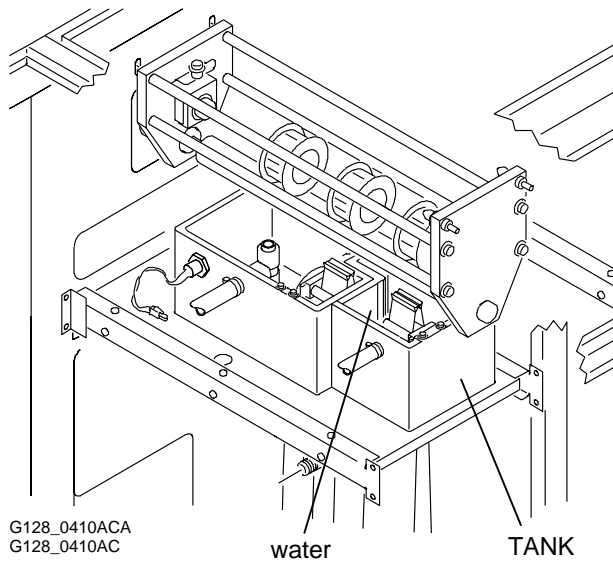
G128_0421GCA
G128_0421GC

Section 7: Final Test for Leakage

Preparing for Testing



G128_4307HCA
G128_4307HC



G128_0410ACA
G128_0410AC

- [1] Connect the REPLENISHER BIBS to the REPLENISHER RACK.
- [2] Fill the TANKS with water to the top.

Warning
Dangerous Voltage

- [3] Energize the PROCESSOR, REPLENISHER RACK and COMPUTER. The PROCESSOR is in the Sleep Mode.

K-LAB Processor Management System			
Processor Status	Replenisher Status	Operator Actions	OpAlert Log
<p style="text-align: center; margin: 0;">Mode Selection</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Power Off</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Sleep</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Standby</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Processing</div> </div>	<p style="text-align: center; margin: 0;">Settings</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Operation</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Tank Temp.</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Reexposure</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Repl. Rate</div> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;">Sleep Mode Status</div> <div style="display: flex; flex-direction: column; gap: 10px;"> <div><input type="radio"/> Host Computer Status = IN SLEEP</div> <div><input type="radio"/> Processor Status = IN SLEEP</div> <div><input type="radio"/> Replenisher Rack Status = IN SLEEP</div> <div><input type="radio"/> Temp Controller Status = IN SLEEP</div> <div><input type="radio"/> Reexposure Printers Status = IN SLEEP</div> </div> <p style="text-align: center; margin-top: 10px;">Press F1 for Help</p>	
<p style="text-align: center; margin: 0;">Miscellaneous</p> <div style="display: flex; flex-wrap: wrap; gap: 10px;"> <div style="border: 1px solid black; width: 45%; height: 30px; text-align: center; margin-bottom: 5px;">Calibrate Repl. Rack Pumps</div> <div style="border: 1px solid black; width: 45%; height: 30px; text-align: center; margin-bottom: 5px;">Start PPMS</div> <div style="border: 1px solid black; width: 45%; height: 30px; text-align: center; margin-bottom: 5px;">Change or Refill BIB/Tank</div> <div style="border: 1px solid black; width: 45%; height: 30px; text-align: center; margin-bottom: 5px;">KPMS Help</div> </div>			
Processor Mode	Processor Status	Processing Condition	Current Time
SLEEP			12:33:39 PM

G128_0007HC

[4] Select “Standby” for the “Mode Selection”.

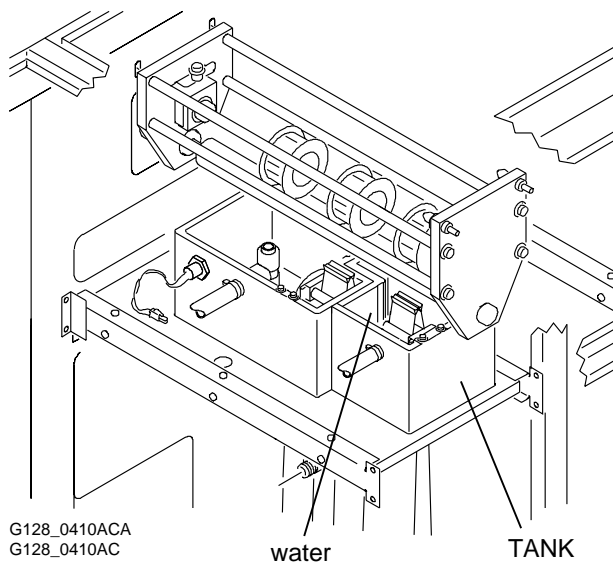
K-LAB Processor Management System			
Processor Status	Replenisher Status	Operator Actions	OpAlert Log
<p style="text-align: center; margin: 0;">Mode Selection</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Power Off</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Sleep</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Standby</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Processing</div> </div>	<p style="text-align: center; margin: 0;">Settings</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Operation</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Tank Temp.</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Reexposure</div> <div style="border: 1px solid black; width: 100%; height: 30px; text-align: center; margin-bottom: 5px;">Repl. Rate</div> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;">Entering Standby Mode...please wait</div> <div style="display: flex; flex-direction: column; gap: 10px;"> <div><input type="radio"/> Host Computer Status = IN STANDBY</div> <div><input type="radio"/> Reexposure Printers Status = CALIBRATING</div> <div><input type="radio"/> Processor Status =</div> <div><input type="radio"/> Replenisher Rack Status =</div> <div><input type="radio"/> Temp Controller Status =</div> </div> <p style="text-align: center; margin-top: 10px;">Press F1 for Help</p>	
<p style="text-align: center; margin: 0;">Miscellaneous</p> <div style="display: flex; flex-wrap: wrap; gap: 10px;"> <div style="border: 1px solid black; width: 45%; height: 30px; text-align: center; margin-bottom: 5px;">Calibrate Repl. Rack Pumps</div> <div style="border: 1px solid black; width: 45%; height: 30px; text-align: center; margin-bottom: 5px;">Start PPMS</div> <div style="border: 1px solid black; width: 45%; height: 30px; text-align: center; margin-bottom: 5px;">Change or Refill BIB/Tank</div> <div style="border: 1px solid black; width: 45%; height: 30px; text-align: center; margin-bottom: 5px;">KPMS Help</div> </div>			
Processor Mode	Processor Status	Processing Condition	Current Time
ENTERING STANDBY			1:57:56 PM

G128_0008HC

[5] The above screen displays.

K-LAB Processor Management System			
Processor Status	Replenisher Status	Operator Actions	OpAlert Log
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Mode Selection </div> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 100%;">Power Off</div> <div style="border: 1px solid black; padding: 5px; width: 100%;">Sleep</div> <div style="border: 1px solid black; padding: 5px; width: 100%;">Standby</div> <div style="border: 1px solid black; padding: 5px; width: 100%;">Processing</div> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Settings </div> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 100%;">Operation</div> <div style="border: 1px solid black; padding: 5px; width: 100%;">Tank Temp.</div> <div style="border: 1px solid black; padding: 5px; width: 100%;">Reexposure</div> <div style="border: 1px solid black; padding: 5px; width: 100%;">Repl. Rate</div> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Standby Mode Status </div> <div style="display: flex; flex-direction: column; gap: 10px;"> <div><input type="radio"/> Host Computer Status = IN STANDBY</div> <div><input type="radio"/> Reexposure Printers Status = IN STANDBY</div> <div><input type="radio"/> Processor Status = IN STANDBY</div> <div><input type="radio"/> Replenisher Rack Status = IN STANDBY</div> <div><input type="radio"/> Temp Controller Status = AT SETPOINTS</div> </div> <p style="text-align: center; margin-top: 10px;">Press F1 for Help</p>	
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Miscellaneous </div> <div style="display: flex; flex-wrap: wrap; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 50%;">Calibrate Repl. Rack Pumps</div> <div style="border: 1px solid black; padding: 5px; width: 50%;">Start PPMS</div> <div style="border: 1px solid black; padding: 5px; width: 50%;">Change or Refill BIB/Tank</div> <div style="border: 1px solid black; padding: 5px; width: 50%;">KPMS Help</div> </div>			
Processor Mode STANDBY	Processor Status	Processing Condition	Current Time 1:59:28 PM

G128_0009HC

G128_0410ACA
G128_0410AC

- [6] Wait until the PROCESSOR enters the Standby Mode and the above screen displays.

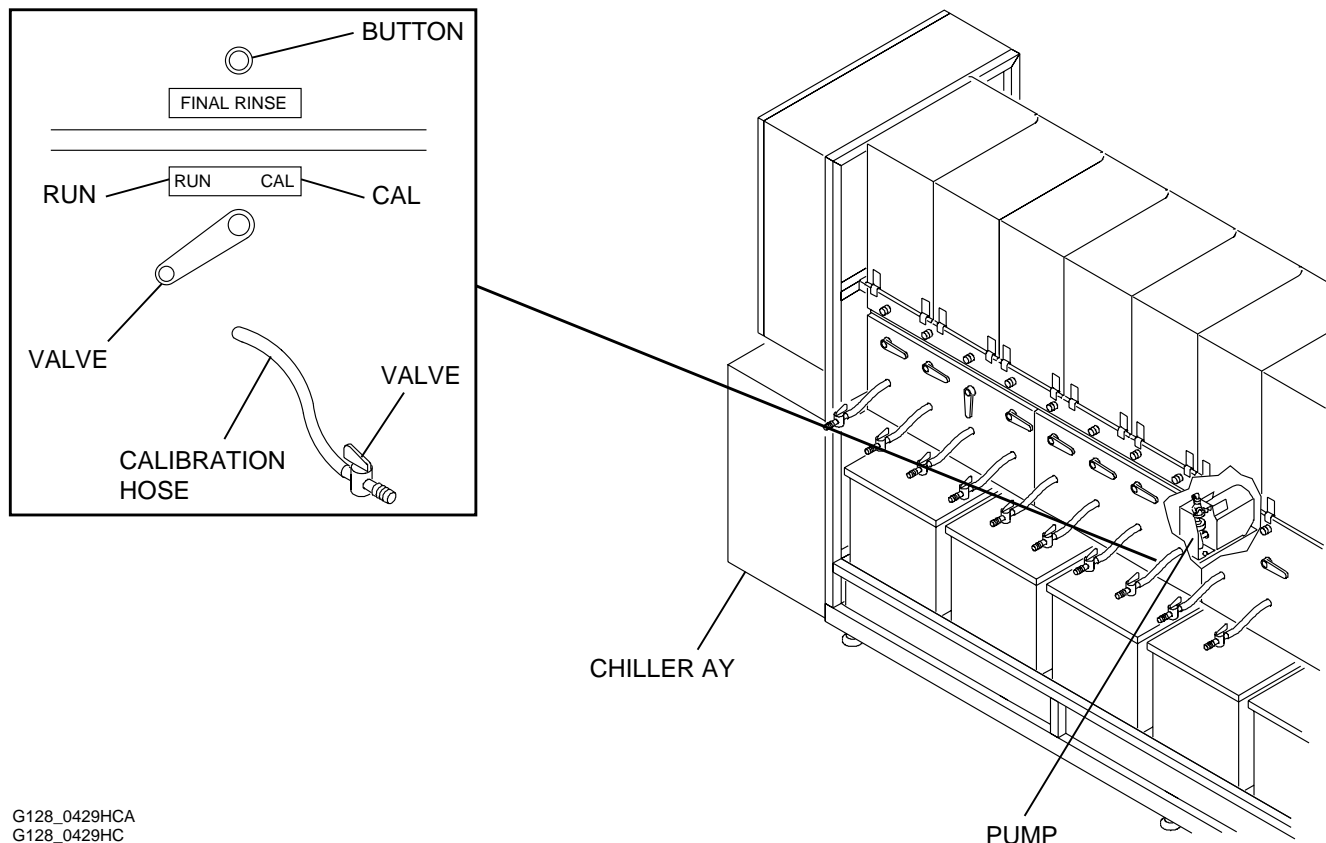


Important

The TANK levels will drop when the RECIRCULATION PUMPS are energized.

- [7] Fill the TANKS to the top with water.
 [8] Select “Change or Refill BIB/Tank”.
 [9] Install the 8 required BIBS on the REPLENISHER RACK.
 [10] Enter the correct mix codes.
 [11] Fill the lower TANKS with water.
 [12] Enter the correct mix codes.
 [13] Exit “Change or Refill BIB/Tank”.

Calibrating the REPLENISHER PUMPS



G128_0429HCA
G128_0429HC

- [1] Pull the CALIBRATION HOSE for the appropriate PUMP from its storage position.
- [2] Open the VALVE on the CALIBRATION HOSE.
- [3] Move the VALVE to the “CAL” position.
- [4] Press the BUTTON until air is removed from the CALIBRATION HOSE.
- [5] Place the CALIBRATION HOSE into a 250 mL GRADUATE.

K-LAB Processor Management System			
Processor Status	Replenisher Status	Operator Actions	OpAlert Log
<p style="text-align: center; margin: 0;">Mode Selection</p> <div style="margin: 5px 0;"><input type="button" value="Power Off"/></div> <div style="margin: 5px 0;"><input type="button" value="Sleep"/></div> <div style="margin: 5px 0;"><input type="button" value="Standby"/></div> <div style="margin: 5px 0;"><input type="button" value="Processing"/></div>	<p style="text-align: center; margin: 0;">Settings</p> <div style="margin: 5px 0;"><input type="button" value="Operation"/></div> <div style="margin: 5px 0;"><input type="button" value="Tank Temp."/></div> <div style="margin: 5px 0;"><input type="button" value="Reexposure"/></div> <div style="margin: 5px 0;"><input type="button" value="Repl. Rate"/></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;">Standby Mode Status</div> <ul style="list-style-type: none"> <input type="radio"/> <input type="text" value="Host Computer Status = IN STANDBY"/> <input type="radio"/> <input type="text" value="Reexposure Printers Status = IN STANDBY"/> <input type="radio"/> <input type="text" value="Processor Status = IN STANDBY"/> <input type="radio"/> <input type="text" value="Replenisher Rack Status = IN STANDBY"/> <input type="radio"/> <input type="text" value="Temp Controller Status = AT SETPOINTS"/> <p style="text-align: center; margin-top: 10px;">Press F1 for Help</p>	
<p style="text-align: center; margin: 0;">Miscellaneous</p> <div style="display: flex; justify-content: space-between; margin: 5px 0;"> <div style="width: 45%;"><input type="button" value="Calibrate Repl. Rack Pumps"/></div> <div style="width: 45%;"><input type="button" value="Start PPMS"/></div> </div> <div style="display: flex; justify-content: space-between; margin: 5px 0;"> <div style="width: 45%;"><input type="button" value="Change or Refill BIB/Tank"/></div> <div style="width: 45%;"><input type="button" value="KPMS Help"/></div> </div>			
Processor Mode	Processor Status	Processing Condition	Current Time
STANDBY			1:59:28 PM

G128_0009HC

[6] Select “Calibrate Repl Rack Pumps”.

K-LAB Processor Management System											
Processor Status	Replenisher Status	Operator Actions	OpAlert Log								
<p style="text-align: center; margin: 0;">Mode Selection</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; text-align: center;">Power Off</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; text-align: center;">Sleep</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; text-align: center;">Standby</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Processing</div>	<p style="text-align: center; margin: 0;">Settings</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; text-align: center;">Operation</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; text-align: center;">Tank Temp.</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; text-align: center;">Reexposure</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Repl. Rate</div>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">Replenisher Rack Pump Calibration</p> <p style="text-align: center; margin: 0;">Select Pump</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> None <input type="radio"/> #1 -Rem Jet Remover <input type="radio"/> #2 -First Developer, Part A <input type="radio"/> #3 -First Developer, Part B <input type="radio"/> #4 -First Developer, Part C <input type="radio"/> #5 -Cyan Developer <input type="radio"/> #6 -Yellow Developer, Part A <input type="radio"/> #7 -Yellow Developer, Part B <input type="radio"/> #8 -Magenta Developer <input type="radio"/> #9 -Bleach <input type="radio"/> #10 -Conditioner <input type="radio"/> #11 -Conditioner Blend Water <input type="radio"/> #12 -Fixer Blend Water <input type="radio"/> #13 -Fixer <input type="radio"/> #14 -Final Rinse </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px; text-align: center;"> <p style="margin: 0;">Start calibration</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px; text-align: center;"> <p style="font-size: small; margin: 0;">Use arrows to select chemistry volume (in ml.) and press "Store Volume"</p> <div style="display: flex; justify-content: center; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; font-size: large; font-weight: bold;">90</div> <div style="text-align: center;"> <input style="width: 20px; height: 20px; border: 1px solid black;" type="button" value="▲"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="button" value="▼"/> </div> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px; text-align: center;">Store Volume</div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px; text-align: center;"> <p style="margin: 0;">Exit pump calibration</p> </div> <p style="text-align: center; font-size: small; margin-top: 5px;">Press F1 for Help</p>									
<p style="text-align: center; margin: 0;">Miscellaneous</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">Calibrate Repl. Rack Pumps</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">Start PPMS</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px;">Change or Refill BIB/Tank</div> <div style="border: 1px solid black; padding: 2px;">KPMS Help</div> </div>		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center; font-size: small;">Processor Mode</td> <td style="width: 25%; text-align: center; font-size: small;">Processor Status</td> <td style="width: 25%; text-align: center; font-size: small;">Processing Condition</td> <td style="width: 25%; text-align: center; font-size: small;">Current Time</td> </tr> <tr> <td style="border: 1px solid black; text-align: center; padding: 2px;">SLEEP</td> <td style="border: 1px solid black;"></td> <td style="border: 1px solid black;"></td> <td style="border: 1px solid black; text-align: center; padding: 2px;">01:10:12 PM</td> </tr> </table>		Processor Mode	Processor Status	Processing Condition	Current Time	SLEEP			01:10:12 PM
Processor Mode	Processor Status	Processing Condition	Current Time								
SLEEP			01:10:12 PM								

G128_0010HC

- [7] Select the correct PUMP.
- [8] Select "Start calibration." A COUNTER appears.
- [9] When the COUNTER reaches 0, close the VALVE.
- [10] Place the CALIBRATION HOSE into the storage position.
- [11] Move the VALVE to the "RUN" position.

Caution

The measurement for this calibration must be correct.

- [12] Enter the measured calibration using the "▲" and "▼" BUTTONS.

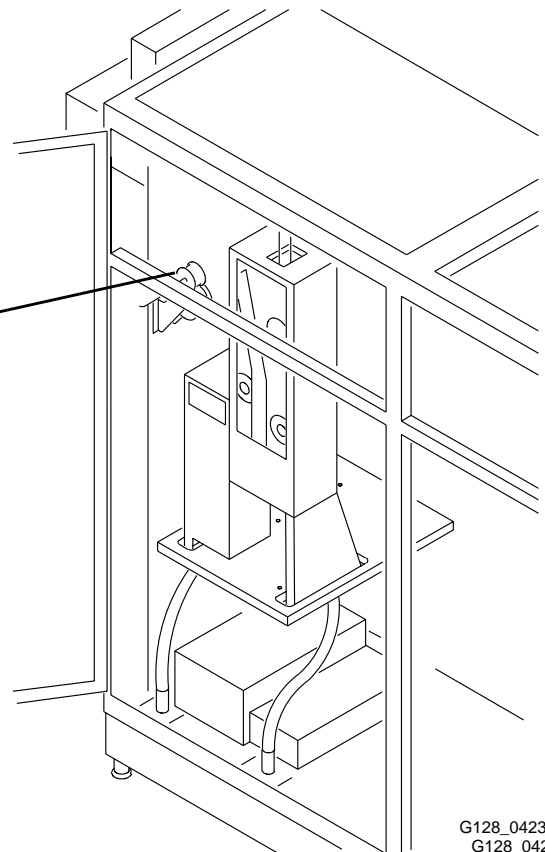
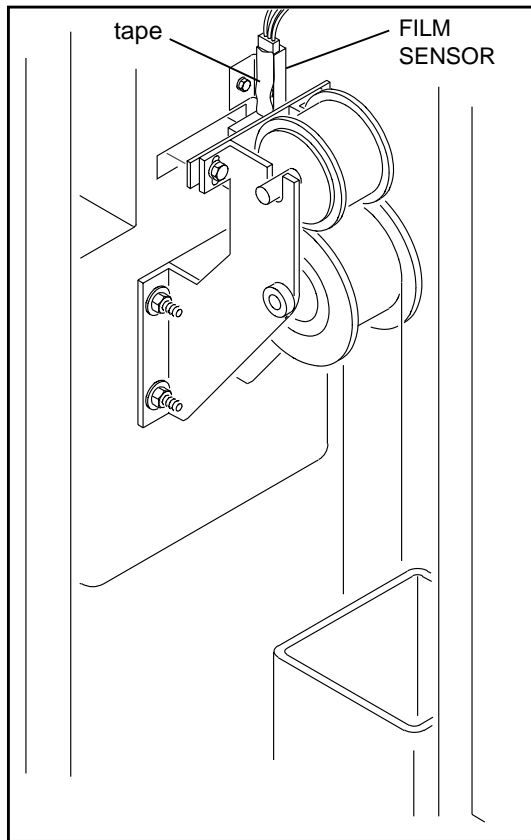
Note

If the Volume is not 90, do the calibration again until the Volume is 90.

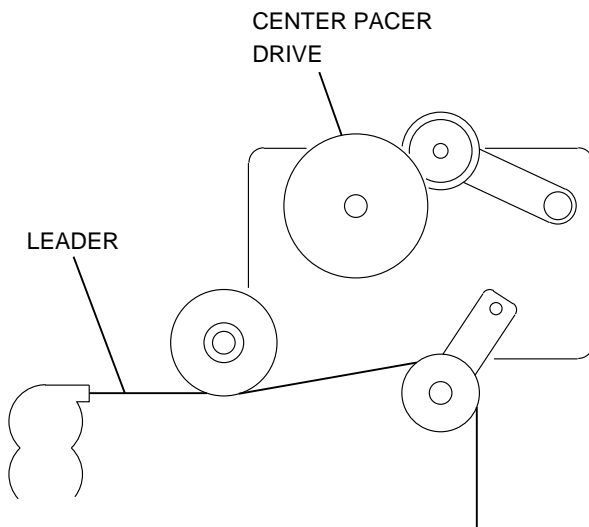
- [13] Select "Store Volume."
- [14] Repeat this procedure for the remaining PUMPS.
- [15] Select "Exit pump calibration." The PROCESSOR is in Standby Mode.

Filling the REPLENISHER LINES

The purpose of this procedure is to fill the REPLENISHER LINES with fresh chemistry.

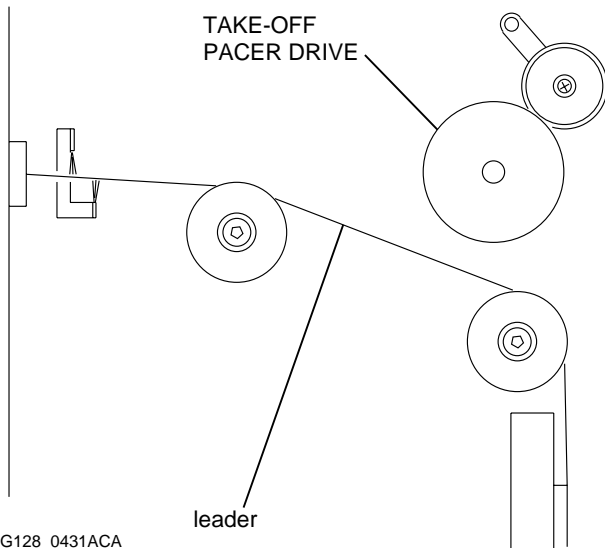


G128_0423HCC
G128_0423HC



G128_0433ACA
G128_0433AC

- [1] Block the FILM SENSOR with tape.
- [2] Remove the LEADER from the CENTER PACER DRIVE.



G128_0431ACA
G128_0431AC

[3] Remove the LEADER from the TAKE-OFF PACER DRIVE.

K-LAB Processor Management System

Processor Status	Replenisher Status	Operator Actions	OpAlert Log
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Mode Selection

Power Off

Sleep

Standby

Processing

Settings

Operation

Tank Temp.

Reexposure

Repl. Rate

Standby Mode Status

- Host Computer Status = IN STANDBY
- Reexposure Printers Status = IN STANDBY
- Processor Status = IN STANDBY
- Replenisher Rack Status = IN STANDBY
- Temp Controller Status = AT SETPOINTS

Press F1 for Help

Miscellaneous

Calibrate Repl. Rack Pumps

Start PPMS

Change or Refill BIB/Tank

KPMS Help

Processor Mode STANDBY	Processor Status	Processing Condition	Current Time 1:59:28 PM
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G128_0009HC

[4] Select "Processing" for the "Mode Selection".

K-LAB Processor Management System			
Processor Status	Replenisher Status	Operator Actions	OpAlert Log
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center; margin: 0;">Mode Selection</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; width: 100%; text-align: center; padding: 5px;">Power Off</div> <div style="border: 1px solid black; width: 100%; text-align: center; padding: 5px;">Sleep</div> <div style="border: 1px solid black; width: 100%; text-align: center; padding: 5px;">Standby</div> <div style="border: 1px solid black; width: 100%; text-align: center; padding: 5px;">Processing</div> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center; margin: 0;">Settings</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; width: 100%; text-align: center; padding: 5px;">Operation</div> <div style="border: 1px solid black; width: 100%; text-align: center; padding: 5px;">Tank Temp.</div> <div style="border: 1px solid black; width: 100%; text-align: center; padding: 5px;">Reexposure</div> <div style="border: 1px solid black; width: 100%; text-align: center; padding: 5px;">Repl. Rate</div> </div> </div> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">Miscellaneous</p> <div style="display: flex; flex-wrap: wrap; gap: 10px;"> <div style="border: 1px solid black; width: 50%; text-align: center; padding: 5px;">Calibrate Repl. Rack Pumps</div> <div style="border: 1px solid black; width: 50%; text-align: center; padding: 5px;">Start PPMS</div> <div style="border: 1px solid black; width: 50%; text-align: center; padding: 5px;">Change or Refill BIB/Tank</div> <div style="border: 1px solid black; width: 50%; text-align: center; padding: 5px;">KPMS Help</div> </div> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center; margin: 0;">Processing Mode Status</p> </div> <div style="display: flex; flex-direction: column; gap: 10px;"> <div><input type="radio"/> Host Computer Status = PROCESSING</div> <div><input type="radio"/> Processor Status = PROCESSING</div> <div><input type="radio"/> Replenisher Rack Status = PROCESSING</div> <div><input type="radio"/> Temp Controller Status = AT SETPOINTS</div> <div><input type="radio"/> Reexposure Printers Status = PROCESSING</div> </div> <p style="text-align: center; margin-top: 10px;">Press F1 for Help</p>		
Processor Mode PROCESSING	Processor Status RUNNING K25/40/64	Processing Condition NORMAL	Current Time 2:00:50 PM

G128_0012HC

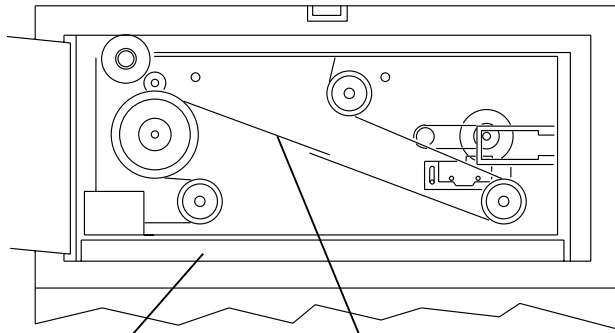
[5] The above screen displays.

[6] Check the PROCESSOR and REPLENISHER RACK for leakage.

➤ Note

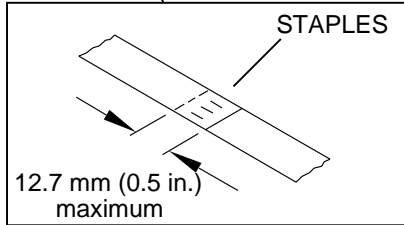
Calibration should continue until the REPLENISHER LINES are full. The small PUMPS replenish at a small rate. It might be necessary to use the green BUTTONS to complete filling the REPLENISHER LINES for the small PUMPS.

Splicing the LEADER



SPLICE
CABINET

G128_0413ACA
G128_0413AC



- [1] Pull the supply LEADER through the SPLICE CABINET.
- [2] Route the LEADER as shown in the graphic.
- [3] Use STAPLES to keep the LEADER together.

Finishing Preparations

K-LAB Processor Management System			
Processor Status	Replenisher Status	Operator Actions	OpAlert Log
<p style="text-align: center; margin: 0;">Mode Selection</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">Power Off</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Sleep</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Standby</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Processing</div> </div>	<p style="text-align: center; margin: 0;">Settings</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">Operation</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Tank Temp.</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Reexposure</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Repl. Rate</div> </div>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p style="margin: 0;">Sleep Mode Status</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div><input type="radio"/> Host Computer Status = IN SLEEP</div> <div><input type="radio"/> Processor Status = IN SLEEP</div> <div><input type="radio"/> Replenisher Rack Status = IN SLEEP</div> <div><input type="radio"/> Temp Controller Status = IN SLEEP</div> <div><input type="radio"/> Reexposure Printers Status = IN SLEEP</div> </div> <p style="text-align: center; margin-top: 10px;">Press F1 for Help</p> </div>	
<p style="text-align: center; margin: 0;">Miscellaneous</p> <div style="display: flex; flex-wrap: wrap; gap: 10px;"> <div style="border: 1px solid black; padding: 2px; text-align: center; width: 50%;">Calibrate Repl. Rack Pumps</div> <div style="border: 1px solid black; padding: 2px; text-align: center; width: 50%;">Start PPMS</div> <div style="border: 1px solid black; padding: 2px; text-align: center; width: 50%;">Change or Refill BIB/Tank</div> <div style="border: 1px solid black; padding: 2px; text-align: center; width: 50%;">KPMS Help</div> </div>			
Processor Mode SLEEP	Processor Status	Processing Condition	Current Time 12:33:39 PM

G128_0007HC

[1] Select “Standby” for the “Mode Selection”.

K-LAB Processor Management System			
Processor Status	Replenisher Status	Operator Actions	OpAlert Log
<p style="text-align: center; margin: 0;">Mode Selection</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">Power Off</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Sleep</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Standby</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Processing</div> </div>	<p style="text-align: center; margin: 0;">Settings</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">Operation</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Tank Temp.</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Reexposure</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Repl. Rate</div> </div>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p style="margin: 0;">Entering Standby Mode...please wait</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div><input type="radio"/> Host Computer Status = IN STANDBY</div> <div><input type="radio"/> Reexposure Printers Status = CALIBRATING</div> <div><input type="radio"/> Processor Status =</div> <div><input type="radio"/> Replenisher Rack Status =</div> <div><input type="radio"/> Temp Controller Status =</div> </div> <p style="text-align: center; margin-top: 10px;">Press F1 for Help</p> </div>	
<p style="text-align: center; margin: 0;">Miscellaneous</p> <div style="display: flex; flex-wrap: wrap; gap: 10px;"> <div style="border: 1px solid black; padding: 2px; text-align: center; width: 50%;">Calibrate Repl. Rack Pumps</div> <div style="border: 1px solid black; padding: 2px; text-align: center; width: 50%;">Start PPMS</div> <div style="border: 1px solid black; padding: 2px; text-align: center; width: 50%;">Change or Refill BIB/Tank</div> <div style="border: 1px solid black; padding: 2px; text-align: center; width: 50%;">KPMS Help</div> </div>			
Processor Mode ENTERING STANDBY	Processor Status	Processing Condition	Current Time 1:57:56 PM

G128_0008HC

[2] The above screen displays.

[3] Wait until the PROCESSOR enters the Standby Mode.

K-LAB Processor Management System			
Processor Status	Replenisher Status	Operator Actions	OpAlert Log
<p style="text-align: center; margin: 0;">Mode Selection</p> <div style="margin: 5px 0;"><input type="button" value="Power Off"/></div> <div style="margin: 5px 0;"><input type="button" value="Sleep"/></div> <div style="margin: 5px 0;"><input type="button" value="Standby"/></div> <div style="margin: 5px 0;"><input type="button" value="Processing"/></div>	<p style="text-align: center; margin: 0;">Settings</p> <div style="margin: 5px 0;"><input type="button" value="Operation"/></div> <div style="margin: 5px 0;"><input type="button" value="Tank Temp."/></div> <div style="margin: 5px 0;"><input type="button" value="Reexposure"/></div> <div style="margin: 5px 0;"><input type="button" value="Repl. Rate"/></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;">Standby Mode Status</div> <ul style="list-style-type: none"> <input type="radio"/> Host Computer Status = IN STANDBY <input type="radio"/> Reexposure Printers Status = IN STANDBY <input type="radio"/> Processor Status = IN STANDBY <input type="radio"/> Replenisher Rack Status = IN STANDBY <input type="radio"/> Temp Controller Status = AT SETPOINTS <p style="text-align: center; margin: 0;">Press F1 for Help</p>	
Miscellaneous			
<div style="margin: 5px 0;"><input type="button" value="Calibrate Repl. Rack Pumps"/></div> <div style="margin: 5px 0;"><input type="button" value="Start PPMS"/></div>		<div style="margin: 5px 0;"><input type="button" value="Change or Refill BIB/Tank"/></div> <div style="margin: 5px 0;"><input type="button" value="KPMS Help"/></div>	
Processor Mode	Processor Status	Processing Condition	Current Time
STANDBY			1:59:28 PM

G128_0009HC

[4] Select "Processing" for the "Mode Selection".

K-LAB Processor Management System

Processor Status
Replenisher Status
Operator Actions
OpAlert Log

Mode Selection

Settings

Processing Mode Status

Press F1 for Help

Miscellaneous

Processor Mode

PROCESSING

Processor Status

RUNNING K25/40/64

Processing Condition

NORMAL

Current Time

2:00:50 PM

G128_0012HC

[5] Do the following tests:

Procedure	Publication
Check Speed of the CENTER PACER DRIVE	ADJUSTMENTS AND REPLACEMENTS
Check Speed of the TAKE-OFF PACER DRIVE	ADJUSTMENTS AND REPLACEMENTS
Check the Film Tension. Adjusting the DEMAND DRIVE ROLLERS	ADJUSTMENTS AND REPLACEMENTS,
Check the Temperature Calibration Calibration Offset Adjustment	DIAGNOSTICS
Check the Re-exposure Calibration	OPERATOR'S MANUAL

[6] Inspect the film for scratches and edge damage.

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