DANGER: Ultraviolet radiation. Follow instructions. Avoid overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reactions. Repeated exposure may cause premature aging of the skin and skin cancer. WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONGTERM INJURY TO THE EYES. Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamp if you are using medications or have a history of skin problems or believe yourself especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product. Children, the elderly, or fair skinned people who always burn easily and either never tan or tan minimally should not use this equipment.

To use, lie down on bench and pull canopy down as far as adjustment will allow maintaining at least 2 inches (5.1 centimeters) between your body and canopy clear plastic panel, otherwise overexposure may occur. Do not use without clear plastic panels in place. Untanned persons should not tan on consecutive days during their first week of tanning. Never tan more than once a day. Tanning normally appears after the first few sessions and maximizes after approximately four weeks. Tan once or twice per week thereafter to maintain appearance. Persons already having a base tan may begin at advanced levels corresponding to the extent of their base tan.

Skin Type:
- Sensitive Skin: Burns easily and severely and does not tan.
- Light Skin: Burns easily and severely and tans minimally.
- Normal Skin: Burns moderately and tans average.
- Dark Skin: Burns minimally, tans easily and above average.

RECOMMENDED EXPOSURE TIMES IN MINUTES

<table>
<thead>
<tr>
<th>Skin Type</th>
<th>Level 1/Week 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitive</td>
<td>NOT RECOMMENDED FOR TANNING</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>8</td>
<td>11</td>
</tr>
<tr>
<td>Normal</td>
<td>3</td>
<td>5</td>
<td>8</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Dark</td>
<td>4</td>
<td>6</td>
<td>9</td>
<td>11</td>
<td>11</td>
</tr>
</tbody>
</table>

MAXIMUM EXPOSURE TIME IS 11 MINUTES

New lamps emit approximately 10% more ultraviolet radiation during the first 50 hours of operation. Recommended tanning times should therefore be reduced by approximately 10% during that period.

WARNING: Read these instructions before using this sunlamp product. All persons in the room should wear protective eyewear when lamps are on. Recommended eyewear: provided eyeshields or equivalent eyewear as defined under 21 CFR 1040.20. Other types of eyewear may not provide adequate protection. Failure to use protective eyewear may result in severe burns or other eye injury. If discomfort develops, discontinue use and consult a physician. Failure to use protective eyewear may result in severe burns or longterm injury to the eyes.

Use of a voltage source above 230V AC may prevent proper operation of the sunbed and could cause damage and void the warranty.

Electrical Requirements

Your sunbed operates from a 220V AC source. The 28 2F requires a NEMA L6-30R electrical outlet (below) on a dedicated circuit capable of providing 30 Amp service, installed in the room in which you will use the unit. We recommend installation by a professional electrician. The outlet must be earth grounded.

Hardware Inventory

(These items, Velcro® and a small pillow)

- Allen-head Bolt 5/16” x 1”
  Quantity 2
- 5/16” Metal Washer
  Quantity 2
- Bushing
  Quantity 2
- Allen-head Bolt 5/16” x 1 1/2”
  Quantity 2
- Hex (Allen) Wrench
  Quantity 1
- Safety Goggles
  Quantity 1
- Skirt Retaining Bracket
  Quantity 2
- Hinge Brackets
  (1) left, (1) right
- Nylon Washer
  Quantity 2
- Star Lock Washer
  Quantity 8
- #10-32 x 1/2” Screw
  Quantity 8
- Skirt Mounting Brackets
  (1) left, (1) right

This product is in conformity with performance standards for sunlamp products under 21 CFR PART 1040.20 and ANSI/UL Standard 482.
Assembly Procedures

1. Lay the bench upside down on the floor. Locate the two stand legs.

2. Remove the six 5/16” x 1” bolts and 5/16” washers installed in the bench. Attach the stand legs, with the four small skirt mounting holes toward the back, by installing the center bolt first. You may have to gently push the sides of the legs in to align holes. Tighten with the Allen wrench.

3. While the bench is upside-down attach the triangular skirt mounting brackets. Locate the two brackets and attach them as shown with two #10-32 x 1/2” screws and star lock washers. Make sure the threaded inserts point toward the stand legs and the wide end is toward what will be the floor.

4. Attach the side skirts to the mounting brackets with two #10-32 x 1/2” screws and star lock washers from inside the skirt and into the brackets. The rounded part of the side skirts points toward the front of the bed.

5. The front skirt panel is held in place by adhesive backed Velcro® strips. **Clean each place the adhesive will touch with rubbing alcohol** (see right). Peel off the backing paper from the two large pieces and adhere them to the stand legs. Stick a long, narrow strip on each side of the side skirts in the indentation. The last piece attaches the tab on the top of the front skirt to the bottom of the bench cover.

6. Peel the remaining backing paper from the Velcro strips and press the front skirt in place.

7. Using the front leg mounting bolt, secure the L-shaped Skirt Retaining Bracket so it clamps the front and side skirt to the bench cover. Place the retainer bracket so the tab holds the front skirt as shown. Repeat for the other side.
Failure to engage locking clips may result in the ball joints working loose, allowing the canopy to fall, which may result in damage to the unit and injury.

1. Pry back the locking clip with a flat screwdriver.

2. Remove locking clip to install or remove gas spring.

3. Lift and lower canopy a few times to lubricate gas springs for optimum performance.

4. Connect the canopy to bench power cord to the bench receptacle. Align the terminals and firmly push on until seated then tighten the threaded locking ring.

5. Plug the three-prong 220V AC power cord into a dedicated outlet (see Electrical Requirements).

6. The unit is shipped with a Remote Control Bypass Plug installed. Your sunbed will not operate without either the bypass plug or a remote system connected. If remote operation is desired, see Remote Connections.
Remote Connections

Your sunbed incorporates advanced circuitry allowing it to connect and communicate with most remote control systems. If a remote system is to be used, first determine whether the remote system is a T-Max® System or a standard remote system operating with a control relay. Follow the appropriate instructions for your system type.

**CAUTION**
The remote connection is not designed to supply or accept high voltage, nor can it provide power to an external timer. The sunbed's remote interface circuitry operates on 5 volts, attempting to connect it to any higher voltages will damage the sunbed as well as void your warranty.

### T-Max® Wireless Remote System

The T-Max® G2 eliminates wires in your salon, allowing easy setup without hiring an electrician to run wires. It also protects your investment from damage by isolating each unit from one another. Your sunbed arrives “wireless ready”, which means it connects directly to the T-Max® wireless system. Older tanning beds, and T-Max® managers, also utilize this system but require a T-Max® “Power Injector” (PI) to provide the needed power to the wireless unit.

### Remote System Hook-up Scenarios

Follow the diagrams below and on the next page to see the many different scenarios for hooking up your salon. If you need further assistance, call T-Max® directly at (417) 338-5101.

#### Scenario 1 - T-Max® Manager Series with Complete Wireless

Connect one G2 (with Power Injector) to the Manager and one G2 to each of the tanning beds. Install as many beds as you like with this configuration. Units that do not communicate with T-Max will need a G2 with Power Injector and an additional 3A to operate. If you have an older T-Max® Manager that doesn’t support auto addressing, set the address of each sunbed manually as described in Setting the address manually. You can place your sunbed at any location in the series.

#### Scenario 2 - T-Max 3A with Wireless

In single sunbed installations, the T-Max® 1A and 3A can offer the same control as the T-Max® Manager, eliminating the need for a Manager. If you’re using a 1A in this manner, it must have a chip labelled “master” installed on its circuit board. The remote control bypass plug must **not** be used in this configuration. The 3A may be used as a “master” with no modification.

After you have set the T-Max® 1A’s, or 3A’s, address to “0” (refer to your T-Max® user’s guide) and the sunbed’s address to “1”, simply connect one G2 (with Power Injector) to the T-Max® 3A and one G2 to the tanning bed.

#### Scenario 3 - T-Max® Manager Series with Wireless combination

Wireless can be easily added to an existing salon already utilizing T-Max®. Connect one G2 (with Power Injector) to the Manager and one G2 to each wireless ready tanning bed. The rest of the salon may be “daisy-chained” together and connected to the Manager.

#### Scenario 4 - T-Max® Manager Series with Wireless combination

Connect one G2 (with Power Injector) to the Manager and one G2 to a wireless ready tanning bed. The rest of the salon may be “daisy-chained” together and connected to the wireless equipped tanning bed, eliminating the need to wire the Manager to the tanning beds.

Go straight to the source with all your T-Max® brand remote questions: (417) 338-5101
Scenario 6 - Single Bed wired to T-Max® 3A
In single sunbed installations, the T-Max® 1A and 3A can offer the same control as the T-Max® Manager, eliminating the need for a Manager. If you’re using a 1A in this manner, it must have a chip labelled “master” installed on its circuit board. The remote control bypass plug must not be used in this configuration. The 3A may be used as a “master” with no modification.

After you have set the T-Max® 1A’s, or 3A’s, address to “0” (refer to your T-Max® user’s guide) and the sunbed’s address to “1”, simply connect the RJ-22 modular cables, described in the T-Max® user’s guide, directly into either of the smaller ports located on the canopy and either port on the back of the T-Max® 1A or 3A.

NOTE: A T-Max® 1A with a “master” chip can be substituted for a 3A.

Scenario 7 - Non T-Max® Remote System wired to unit
Most non-T-Max® remote systems control the sunbed by the use of a relay. The relay operates the sunbed by connecting and disconnecting a pair of wires leading from the sunbed. Refer to the user’s manual provided with your remote system to determine if it operates in this way. To connect your sunbed to this type of system a remote interface kit is required. Contact your place of purchase to obtain the kit. The illustration at right details a typical connection. Follow the instructions provided with the kit and from the remote’s manual to make the necessary connections.

Scenario 5 - T-Max® Manager Series with wires
As always, this tanning bed is fully compatible with a wired T-Max® system. Simply connect the RJ-22 modular cable(s), described in the T-Max® Manager manual, into the remote port(s) located on the back of the canopy and follow the instructions that came with your remote system.

Setting the address manually
Before connecting your sunbed to the T-Max® Manager or T-Max® 1A or 3A, the address of your sunbed must first be set. Set the address manually as described below.

Setting the Address
1. Make sure the sunbed display is showing “0”.
2. Press the red stop button and, without releasing it, press the green timer button and hold both for three seconds. The display should indicate an address number from “1” to “255”.

<table>
<thead>
<tr>
<th>Address Range</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-99</td>
<td>99</td>
</tr>
<tr>
<td>100-128</td>
<td>28</td>
</tr>
<tr>
<td>252-255</td>
<td>55</td>
</tr>
</tbody>
</table>

3. If you are using a T-Max® 1A or 3A as a “master” remote, the address of the sunbed must be set to “1”. If you are using a T-Max® Manager each sunbed must be assigned a different address. To adjust the address, press the green timer button to count up until the desired number (from 1 to 128) is achieved. Addresses 252 to 255 are not normally used.
4. Press the red stop button to return to the normal display mode.

Using Your Sunbed
Before using your sunbed, please note the following:
- Your skin should be free of cosmetics, tanning oils, or other body lotions prior to tanning except for those specifically made for use with tanning devices. However, do not remove natural body oils by bathing or showering immediately before tanning.
- Keep treated hair from contacting sunbed surfaces. Many hair products can damage the sunbed acrylic. Wear a shower cap or towel if you use gels, mousses, sprays, or other hair products.
- Your sunbed is designed for individual use. Always wear the safety goggles supplied with your sunbed or another approved pair of goggles, as defined under 21 CFR 1040.20. Regular sunglasses do not provide adequate protection from ultraviolet light.

Exposure Times
Follow the guidelines for skin type and exposure times as shown in the table below. Untanned persons should not tan on consecutive days during their first week of tanning. Never tan more than once a day. Tanning normally appears after the first few sessions and maximizes after approximately four weeks. Tan once or twice per week thereafter to maintain appearance. Persons already having a base tan may begin at advanced levels corresponding to the extent of their base tan.

<table>
<thead>
<tr>
<th>Skin Type</th>
<th>Level 1/Week 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>I Sensitive</td>
<td>NOT RECOMMENDED FOR TANNING</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>II Light</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>8</td>
<td>11</td>
</tr>
<tr>
<td>III Normal</td>
<td>3</td>
<td>5</td>
<td>8</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>IV Dark</td>
<td>4</td>
<td>6</td>
<td>9</td>
<td>11</td>
<td>11</td>
</tr>
</tbody>
</table>

MAXIMUM EXPOSURE TIME IS 11 MINUTES
Care and Maintenance

Cleaning After Use
Clean and disinfect your tanning bed's bench and canopy after each use. Use a non-abrasive disinfectant cleaner that does not contain ammonia or ammonia derivatives. Ammonia may damage the acrylic shield. Spray the acrylic lightly with disinfectant and wipe dry with a clean soft cloth.

Thorough Periodic Cleaning
The cooling fans draw air through the bed and will cause a dust buildup on the lamps and reflectors. When a dust buildup is observed, it is necessary to thoroughly clean the inside of the bench and canopy.
1. Remove the acrylic shields and lamps.
2. With a soft cloth, wipe the entire length of each lamp.
3. Clean both sides of the acrylic shields with a non-ammonia disinfectant cleaner.
4. Wipe the reflectors with a clean damp cloth.
5. Re-install the lamps and acrylic shields.

Mechanical Inspection
Inspect the unit's mechanical integrity every 400-500 hours of use. The timer has a built-in circuit to help keep track of time based maintenance tasks. See the Hour Counter section on the next page.
- Inspect the unit's fasteners verifying that all are firmly in place.
- Pay particular attention to the hinge bolts.
- Inspect gas springs for signs of wear. Replace gas springs that will not hold the canopy in the full open position when raised.
- Inspect the AC power cord and its connections.
- Inspect the acrylic. Replace if broken, cracked or badly scratched.

Removing/Replacing Acrylic Shields
The acrylic shields are secured in place by hinged profiles which run the length of the bed, both front and back. Simply pry up on the inside edge of the profile until it releases its latching action (see figure below). Continue to pry up the profile across its entire length until it swings back freely. Repeat for the other profile. The long edges of the acrylic shield are now exposed. Standing in front of the sunbed, grasp the long exposed edge of the acrylic and carefully slide it toward you until it is removed.

After changing the lamps, replace the acrylic shields by reversing the above directions. Close the hinged profile by pushing it back into place until it snaps tight.

CAUTION
Be careful. The edges of the acrylic shield may be sharp.
Removing/Replacing Lamps

To be assured of maximum tanning effectiveness, change lamps after approximately 800-1000 hours of use. Tanning will continue after this time but at a slower rate. To ensure trouble-free operation of your sunbed, replace the lamp starters whenever the lamps are replaced. We recommend using the lamps specified below. Use of uncertified lamps is a violation of Federal regulations and will void your warranty.

1. Grasp a lamp at one end and at the middle, then turn the lamp a quarter turn. The lamp may then be gently removed from its holder.
2. To reinstall lamp, insert pins on the ends of the lamp into the slots on top of the lamp holder and turn the lamp a quarter turn.

Removing/Replacing Face Tanner Lamps

After removing the canopy acrylic shield, replace the face tanner lamp as follows:

**Step 1** Support the face tanner assembly with your hand while unscrewing the two retaining screws. The face tanner glass casing will swing downward.

**Step 2** The lamp can now be exchanged. The lamp holders are equipped with spring contacts which enable the lamp to be removed easily. Remove the old lamp and discard. Install the new lamp, using a clean cloth or paper towel. Ensure that the lamp is firmly seated in the lamp holders.

**Note!** Never take hold of the lamp such that your fingers are in contact with the lamp glass. Finger oils will greatly reduce the lamp's operational life.

**Step 3** Gently close the face tanner glass casing and lock it closed with the screws. Ensure that the screws firmly secure the glass casing.

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**DANGER**

Unfiltered light from face tanner can cause severe burns. Never turn sunbed on while face tanner is disassembled or when glass filters are removed. Immediately discontinue use of this equipment if face tanner glass is broken or any unfiltered light can be seen escaping face tanner assembly.

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**Hour Counter**

This sunbed incorporates an ingenious hour counter function into the timing circuitry. It allows the operator of the unit to monitor the hours of use of the lamps, making it easy to determine when to change them. You may also decide to use this function to monitor other time based maintenance tasks.

To determine how many hours the unit has been in service (since the last reset of the hour counter memory), first make sure the timer display shows “0”. Then simply hold the stop button for three seconds. The display will show two pairs of numbers which indicate the number of hours of service, then return to “0”. (example: Display shows 08 then 54. This equals 854 hours.) **NOTE:** If the unit is connected to a T-Max® remote device, it may briefly lose communication with the remote. This is normal.

To erase the indicated hours, disconnect power from the sunbed. Press and hold the green timer button as you reconnect power. Release the button after a few seconds.

---

**Problem**

Sunbed not tanning

1. Clean sunbed, see Thorough Periodic Cleaning.
2. Ensure supply voltage is between 208 and 230V AC.
3. Replace lamps if lamp hours are greater than 800hrs.
4. Replace acrylic.

Lamps fail to light and timer display is blank

1. Make sure the unit is connected to a power source.
2. Check source of AC power. Reset circuit breaker or replace fuse.

Timer display changes to indicate a tanning time after the timer button is pressed but lamps do not come on

1. Bypass plug is not installed, see Electrical Connections.
2. A bypass plug other than the one sent with your tanning bed has been used.
3. If remote is being used, other than T-Max® Manager, the external timer may not be activated.
4. Remote wiring is incorrect, see the instructions provided with the remote interface kit.

Timer display continues to show a 0 after the timer button is pressed

1. T-Max® Manager remote system has not yet been set.
2. Sunbed address is not set correctly, see Remote Connections.

One or more lamps fail to light

1. Check that lamp is installed correctly.
2. Switch unlit lamp with a lamp that lights, if new lamp lights and old lamp still does not, replace old lamp.

The canopy will not stay up

**NOTE:** Gas springs are manufactured to hold the canopy in its fully open position as well as allow it to rest fully closed. If left open for an extended period of time some creep down may occur. This is considered normal. Keep the unit closed when not in use. If the canopy will not stay fully open when raised...

1. Raise and lower the canopy a few times to lubricate gas spring internal seals.
2. Replace gas springs.

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29237-01A - Page 7
**Problem**

My bed won't work with the T-Max® Manager remote system

1. The sunbed must first be set to a unique address, see Remote Connections.
2. The bypass plug may be installed in the series in an inappropriate location. Remove bypass plugs when using T-Max® products.

When auto-addressing the first bed does not register an address

When using the auto address feature of the T-Max® Manager you must wait 10 seconds from the time you start the auto address function before addressing the first bed.

I forgot what address I set my sunbed to

By pressing the stop button and then the timer button, and holding both for 3 seconds, the timer display will show the sunbed’s address number. Press the stop button to exit address mode.

My bed is connected to the T-Max® Manager remote system and when the delay time has expired the timer display starts counting down but the bed lights do not come on

The auto start feature of the remote system is disabled, see the instructions provided with your remote system.

My bed, connected to a T-Max® Manager, did not display “dl” but does indicate:

“0”

1. Remote device has not been set.
2. The sunbed has not been connected to the remote system, see Remote Connections.

a tanning time and the lamps have come on

1. Delay time of T-Max® Manager has not been set.
2. Delay time has expired and session has begun.

a tanning time but the lamps have not come on

Auto start function of T-Max® Manager has been turned off.

Press the timer button to turn on lamps.

If you did not find the solution to your problem, contact your place of purchase for additional assistance

Unpacking and Inspection

While unpacking your tanning bed inspect all items and make sure they are free from any visible damage. Report the extent of any damage to the transportation company.

Perfect Sun® 18 MONTH WARRANTY

Perfect Sun® warrants your tanning unit to be free of structural defects in material and workmanship, under normal use, for its lifetime. Perfect Sun® will, at its discretion, repair any structural defect which materially affects the performance of the tanning unit, or replace the tanning unit.

For eighteen (18) months following the shipping date of your tanning unit, Perfect Sun® will provide replacements for parts that prove to be defective in material or workmanship. Fluorescent lamps, and lamp starters are warranted against manufacturer’s defects for a period of ninety (90) days following the shipping date of your tanning unit. Acrylics will be warrantied against manufacturer’s defects for a period of 1 year (prorated).

Labor costs associated with repair or replacement work covered by this warranty will be reimbursed for repair or replacement work required to be performed for a period of six (6) months following the shipping date of your tanning unit. All such warranty service must be performed by an authorized Perfect Sun® service person. All labor charges must be authorized by Perfect Sun® prior to the start of repairs and must not exceed the established rates and time allotment policies established by Perfect Sun®. If your tanning unit must be returned for service, all freight charges shall be at your expense.

Normal wear and tear, damage from misuse or abuse, damage incurred in transit or damages resulting from unauthorized repairs or modifications are not covered by this warranty. Warranty coverage does not include cosmetic abnormalities such as scratches, nicks, dents, or other cosmetic changes that do not materially interfere with the function of the tanning unit.

THIS STANDARD 18 MONTH WARRANTY IS EXPRESSLY MADE IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. No one has the authority to change or modify this Standard 18 Month Warranty in any respect. To obtain service under this Standard 18 Month Warranty, contact Perfect Sun® at 1-800-361-5170 or visit www.PerfectSunTanning.com to fill out an online warranty request form.

IN NO EVENT SHALL YOUR DISTRIBUTOR OR THE MANUFACTURER BE LIABLE AT LAW OR IN EQUITY FOR ANY LOSS, LIABILITY, DAMAGE OR EXPENSE IN AN AMOUNT IN EXCESS OF THE PURCHASE PRICE RECEIVED, OR FOR LOSS OF USE OR PROFITS, LOSS OF TIME, INCONVENIENCE, RENTAL OR SUBSTITUTE PRODUCTS, LOSS OF BUSINESS, LOSS OF INCOME, OR ANY OTHER INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, and the above limitation or exclusion will not apply to residents of some states. This Standard 18 Month Warranty gives you specific, legal rights and you may have other rights which vary from state to state.

Contact Perfect Sun® for the authorized Service Center nearest you. This warranty is serial number specific and only applies to tanning units purchased through an authorized Perfect Sun® Dealer. This warranty is extended to the individual or legal entity whose name appears on the original sales document and may not be transferred to any other individual or legal entity. This warranty is void if the tanning unit is modified in any manner from its original design.

To file a Warranty Claim, please follow these steps:

1. Locate the silver serial number label, located on the back of the unit near the power cord on the canopy. Identify the serial number and model number of the unit.
2. Proof of purchase must be provided before any claim will be considered.
3. Contact Perfect Sun® at 1-800-361-5170 or visit www.PerfectSunTanning.com to fill out an online warranty form.
4. If it is determined that a defective part needs to be replaced, Perfect Sun® will arrange for the pick-up or shipment of the replacement part.

Record this information for ease of service:

Date of purchase: ___________________________

Bench serial number: ________________________

Canopy serial number: _______________________

Proudly manufactured in the U.S.A.