



4251 N.E. Port Drive • Lee's Summit, MO 64064 • 800-554-8268

The word "ELEVATION" in large, bold, black, sans-serif capital letters. The letter "E" is stylized with a diagonal line through it, and the letter "A" has a curved swoosh above it.

2800

3400

Owner & Assembly Manual

Les Spécifications Françaises Enclos



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WARNINGS AND CAUTIONS

Certain drugs - particularly those designed to produce photosensitivity may cause individuals under the influence of this type drug to experience adverse effects and those people should avoid exposure to UV sources of all type. Doctors will advise persons taking these drugs of possible adverse effects.

It is recommended that only one (1) person at a time use the tanning system, and advise wearing protective eyewear while using the tanning unit. Two (2) pair of protective eyewear are provided with each bed sold.

WARNING

If you have been diagnosed by a physician as being allergic to the sun or are currently taking photosensitive medications, consult your physician before using the tanning unit.

CAUTION

While there is no immediate clinical evidence regarding UVA exposure and its effects upon expectant mothers, it is strongly advised that expectant mothers be discouraged from using the tanning unit.

MANDATORY READING

ALWAYS FOLLOW INSTRUCTIONS FOR PROPER USAGE PRIOR TO USING ANY TANNING SYSTEM

REMEMBER

1. Follow the exposure schedule in accordance with your skin type. Failure to do so may result in overexposure.
2. Replacement lamps must comply with CFR 21 1040.20. When ordering lamps, include model number and serial number. See Lamp Guide for the appropriate lamp replacements for your Tanning Bed.

Should you have any questions regarding the proper use of your tanning system, contact:

Heartland Tanning, Inc.

1-800-554-8268

8:00AM to 5:00PM (CST)

SKIN GUIDE

MELANIN - The brownish pigment produced by special cells in the base layer of the skin determines the individual's tan. As the skin is exposed to the ultraviolet light, the melanin is activated and combines with protein cells that rise to the skin's surface, thus producing a tan. The amount of melanin in your body determines how quickly and dark you tan. The more melanin produced and exposure time an individual has, the faster and deeper the individual will tan.

NOTE:

The tan produced by the 3400 and 2800 is a deep, rich "COSMETIC" tan. However, regardless of how dark an individual may tan on this system, it will not provide adequate protection against overexposure to natural sunlight or UVB tanning systems.

SKIN TYPE II-Fair

This is the individual that usually burns easily and severely, tans minimally or lightly and peels.

SKIN TYPE III-Average

Often referred to as "AVERAGE" complexion, burns moderately and tans about average.

SKIN TYPE IV-Brown

This individual burns minimally, tans easily and above average with each exposure.

SKIN TYPE V-Dark Brown

This individual rarely burns, tans easily and substantially.

IMPORTANT NOTE:

Customers that wear contact lenses should be made aware that the heat and ventilation wind may dry out their contacts and should be removed prior to the session. Use only creams, oils or lotions (particularly suntan lotions) that are recommended by Heartland Tanning, Inc. Equally important - many facial makeups have oil bases and sun block which should be removed prior to a session. It is recommended that following a tanning session, a skin moisturizer be applied. This promotes a smoother, more even looking tan.

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SPECIFICATIONS AND EXPOSURE SCHEDULE

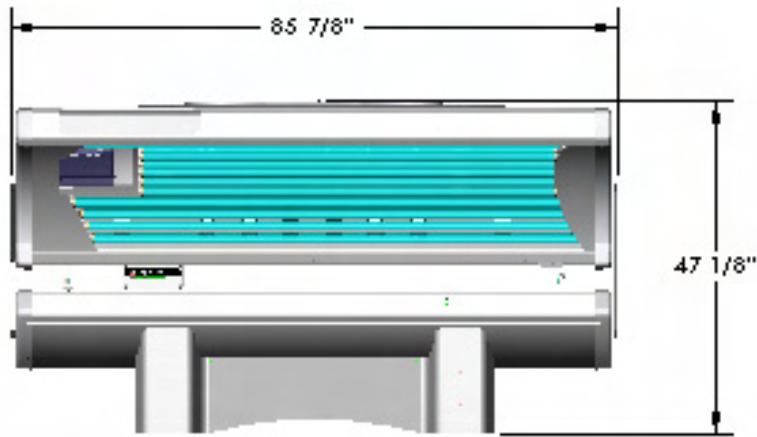
2800

SPECIFICATIONS

28 Lamp Heartland Rave system - 20 minute session

- (8) Heartland Rave 5071 100 watt lamps in canopy
- (6) Heartland Rave 5059 80 watt lamps in canopy
- (14) Rave 5071 100 watt lamps in bench
- (1) 400 watt facial lamp
- T-Max timer on board (T-Max wireless compatible)
- Components located inside of canopy and bench
- 19 AMPS initial start up, 18 AMPS running @ 220 VAC
- 25 AMP rated single phase, 220 – 240 volt with ground required
(For optimum performance, running voltage should be 230 – 240)
- .5 KVA Buck/Booster transformer required if outside 220 – 240 VAC
- 7' X 8' minimum room size required
- 1/2 Ton (6,000 BTU) minimum A/C dedicated into room

Type B seal tight connector supplied. Located lower back in center of bed. Type B flexible conduit required. *Actual amp reading will vary depending on voltage – electrician must calculate load/line side amps when using Buck/Booster transformer to insure proper wire gauge and breaker size. Minimum 10 gauge wire size is recommended for this 25 amp circuit to allow less than 2% voltage drop up to 80 feet. Licensed electrician must refer to National Electric Codes when determining proper wire gauge and breaker size for each application. All specifications are subject to change.



2800

EXPOSURE SCHEDULE

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 do so may result in severe burns or long-term injury to eyes.

Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamps if you are taking medications or have a history of skin problems or believe yourself to be especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product.

This system is intended to be used only with **Rave 5071 1825, Rave 5059 1824 & Heraeus E-400 HPT for facials.**

Sales or Service Questions

Heartland Tanning, Inc. • Lee's Summit, MO • 1-800-554-8268

Follow recommended exposure schedule for skin type.

NOTE: See Skin Guide (pg. 3) for help choosing the proper skin type.

RECOMMENDED EXPOSURE SCHEDULE

SKIN TYPE	WEEK1 1st-3rd TREATMENT	WEEK2 4th-6th TREATMENT	WEEK3 7th-10th TREATMENT	WEEK4 11th-15th TREATMENT	WEEKLY SUBSEQUENT TREATMENT
II-FAIR	4 MINUTES	8 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES
III-AVERAGE	4 MINUTES	8 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES
IV-BROWN	4 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES	20 MINUTES
V-D. BROWN	4 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES	20 MINUTES

MAXIMUM EXPOSURE TIME IS 20 MINUTES

This product is in conformity with performance standards for sunlamp products under CFR 21 Part 1040.

This unit utilizes UVA lamps. Replace only with **Rave 5071 1825, Rave 5059 1824 & Heraeus E-400 HPT for facials.** The minimum exposure position is .5" (1.27 cm) from the lamps surface (preset by the mfg.). Read the instruction booklet before using this device. To use, lie down under canopy and pull down as far as adjustment will allow. **CAUTION: ANY OTHER POSITION MAY RESULT IN OVEREXPOSURE.**

Tanning can begin on a regular basis. An appearance of a tan normally appears after a few exposures and maximizes after four (4) weeks of exposure. **Use protective eyewear whenever equipment is energized.** Read the instruction booklet before using.

2800 Caractéristiques-20 MINUTES

Longueur : 87,5 pouces par 51 pouces
Hauteur : 41 pouces (avec le couvercle fermé)
Poids d'expédition : 702 livres
Nombre de lampes : 29
Voltage Recommandé : 230 - 240
Aspiration électrique : 18 ampères à 220 volts
Circuit requis : 220 volts, avec un disjoncteur
Différentiel, briseur de 25 ampères

DANGER – RAYONNEMENT ULTRAVIOLET. Suivez les instructions. Évitez la surexposition. Comme avec les rayons naturels du soleil, la surexposition peut causer dommage aux yeux et à la peau et des réactions allergiques. L'exposition répétée peut causer le vieillissement prématué de la peau et du cancer de la peau. Portez des lunettes protectrices; le non-respect de cette consigne peut entraîner de graves brûlures ou des lésions oculaires à long terme.

Les médicaments ou les produits de beauté peuvent augmenter votre sensibilité au rayonnement ultraviolet. Consultez un médecin avant d'utiliser la lampe solaire si vous utilisez des médicaments ou avez une histoire des problèmes de peau ou croyez-vous particulièrement sensibles aux rayons du soleil. Si vous ne bronzez pas au soleil, il est peu probable que vous bronzerez avec l'utilisation de ce produit.

Questions au sujet des ventes ou de service :
Heartland Tanning, Inc. • Lee's Summit, MO – 1-800-554-8268

Suivez le programme recommandé d'exposition pour le type de peau.

Cette appareil utilise des lampes de l'ultraviolet A. Remplacez seulement avec les lampes de marque **Rave 5071 100W Rave 5059 80W et Heraeus 400W** (ampoule faciale de bronzage, là où applicable)]. La position minimum d'exposition est à 0,5 pouces (1,27 cm) de la surface de la lampe (instituez par le manufacturier). Lisez le livret d'instruction avant d'utiliser ce dispositif. Pour utiliser, couchez-vous sous l'écran et abaissez dans la mesure où le réglage laissera. **ATTENTION : L'UTILISATION DE N'IMPORTE QUELLE AUTRE POSITION PEUT AVOIR COMME CONSÉQUENCE LA SUREXPOSITION.**

Le bronzage peut commencer de façon régulière. Un aspect de bronzage normalement apparaît après quelques expositions et atteint son niveau maximal après quatre (4) semaines d'exposition. Utilisez des lunettes protectrices à chaque fois que l'appareil est active. Lisez le livret d'instructions avant l'utilisation.

Horaire d'exposition recommandé

Type de peau	Semaine 1 1er – 3e Traitements	Semaine 2 4e – 6e Traitements	Semaine 3 7e – 10e Traitements	Semaine 4 11e – 15e Traitements	Bihebdomadaire Traitements subséquents
II-Claire	4 MINUTES	8 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES
III-Moyen	4 MINUTES	8 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES
IV-Foncé	4 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES	20 MINUTES
V-Très Foncé	4 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES	20 MINUTES

LE TEMPS MAXIMUM D'EXPOSITION EST DE 20 MINUTES

Ce produit est conforme aux normes de rendement pour des produits de lampe de soleil tel que stipule la partie 1040 du document CFR 21.

3400

SPECIFICATIONS AND EXPOSURE SCHEDULE

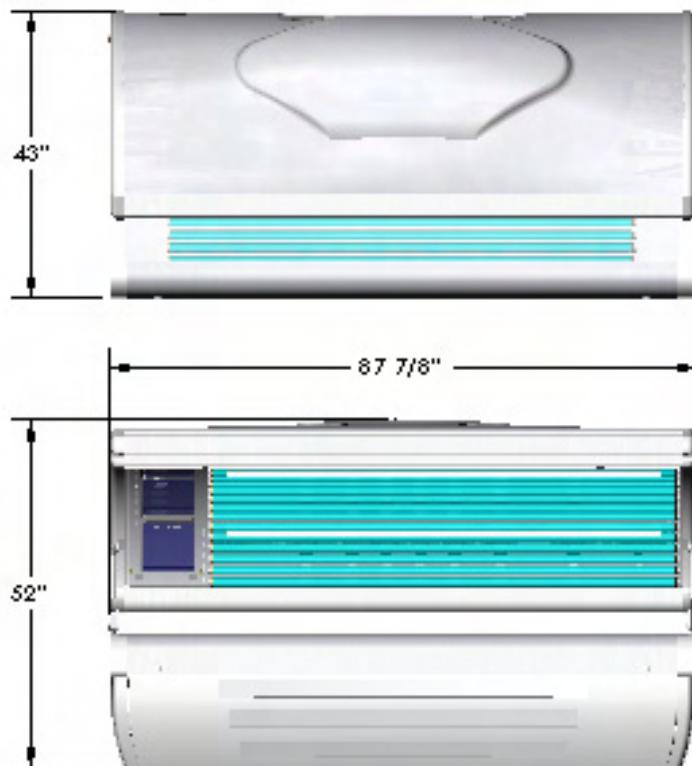
3400 & 3400/3

SPECIFICATIONS

34 Lamp Heartland Rave system - 20 minute session

- (18) Heartland Rave 5071 100 watt lamps in canopy
- (16) Heartland Rave 5071 100 watt lamps in bench
- (3) 400 watt facial lamps(3400/3)
- T-Max timer on board (T-Max wireless compatible)
- Works in a drawer component tray underneath bench
- 3400 - 24 AMPS initial start up, 21 AMPS running@ 220 VAC
- 3400/3 – 24 AMPS initial start up, 26 AMPS running@ 220 VAC
- 30 AMP rated single phase, 220 – 240 volt with ground required
(for optimum performance, running voltage should be 230 – 240)
- .75 KVA Buck/Booster transformer required if outside 220 – 240 VAC
- 7' X 8' minimum room size required
- 3/4 Ton (9,000 BTU) minimum A/C dedicated into room

Type B seal tight connector supplied. Located lower back in center of bed. Type B flexible conduit required. *Actual amp reading will vary depending on voltage – electrician must calculate load/line side amps when using Buck/Booster transformer to insure proper wire gauge and breaker size. Minimum 8 gauge wire size is recommended for this 30 amp circuit to allow less than 2% voltage drop up to 100 feet. Licensed electrician must refer to National Electric Codes when determining proper wire gauge and breaker size for each application. All specifications are subject to change.



3400 & 3400/3

EXPOSURE SCHEDULE

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 do so may result in severe burns or long-term injury to eyes.

Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamps if you are taking medications or have a history of skin problems or believe yourself to be especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product.

This system is intended to be used only with **Rave 5071 1825, Rave 5059 1824, Phillips HPA 400/30 S & Heraeus E-400 HPT lamps (facial unit, where applicable)**.

Sales or Service Questions

Heartland Tanning, Inc. • Lee's Summit, MO • 1-800-554-8268

Follow recommended exposure schedule for skin type.

NOTE: See Skin Guide (pg. 3) for help choosing the proper skin type.

RECOMMENDED EXPOSURE SCHEDULE

SKIN TYPE	WEEK1 1st-3rd TREATMENT	WEEK2 4th-6th TREATMENT	WEEK3 7th-10th TREATMENT	WEEK4 11th-15th TREATMENT	WEEKLY SUBSEQUENT TREATMENT
II-FAIR	4 MINUTES	8 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES
III-AVERAGE	4 MINUTES	8 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES
IV-BROWN	4 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES	20 MINUTES
V-D. BROWN	4 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES	20 MINUTES

MAXIMUM EXPOSURE TIME IS 20 MINUTES

This product is in conformity with performance standards for sunlamp products under CFR 21 Part 1040.

This unit utilizes UVA lamps. Replace only with **Rave 5071 1825, Rave 5059 1824, Phillips HPA 400/30 S & Heraeus E-400 HPT lamps (facial unit, where applicable)**. The minimum exposure position is .5" (1.27 cm) from the lamps surface (preset by the mfg.). Read the instruction booklet before using this device. To use, lie down under canopy and pull down as far as adjustment will allow.

CAUTION: ANY OTHER POSITION MAY RESULT IN OVEREXPOSURE.

Tanning can begin on a regular basis. An appearance of a tan normally appears after a few exposures and maximizes after four (4) weeks of exposure. **Use protective eyewear whenever equipment is energized.** Read the instruction booklet before using.

3400 & 3400/3

Caractéristiques-20 MINUTES

3400

Longueur : 87,5 pouces par 51 pouces
Hauteur : 41 pouces (avec le couvercle fermé)
Poids d'expédition : 755 livres
Nombre de lampes : 34
Voltage Recommandé : 230 - 240
Aspiration électrique : 21 ampères à 220 volts
Circuit requis : 220 volts, avec un disjoncteur
Différentiel, briseur de 30 ampères

3400/3

Longueur : 87,5 pouces par 51 pouces
Hauteur : 41 pouces (avec le couvercle fermé)
Poids d'expédition : 797 livres
Nombre de lampes : 37
Voltage Recommandé : 230 - 240
Aspiration électrique : 26 ampères à 220 volts
Circuit requis : 220 volts, avec un disjoncteur
differential, briseur de 30 ampères

DANGER – RAYONNEMENT ULTRAVIOLET. Suivez les instructions. Évitez la surexposition. Comme avec les rayons naturels du soleil, la surexposition peut causer dommage aux yeux et à la peau et des réactions allergiques. L'exposition répétée peut causer le vieillissement prématuré de la peau et du cancer de la peau. Portez des lunettes protectrices; le non-respect de cette consigne peut entraîner de graves brûlures ou des lésions oculaires à long terme.

Les médicaments ou les produits de beauté peuvent augmenter votre sensibilité au rayonnement ultraviolet. Consultez un médecin avant d'utiliser la lampe solaire si vous utilisez des médicaments ou avez une histoire des problèmes de peau ou croyez-vous particulièrement sensibles aux rayons du soleil. Si vous ne bronzez pas au soleil, il est peu probable que vous bronzerez avec l'utilisation de ce produit.

Questions au sujet des ventes ou de service :

Heartland Tanning, Inc. • Lee's Summit, MO – 1-800-554-8268

Suivez le programme recommandé d'exposition pour le type de peau.

Cette appareil utilise des lampes de l'ultraviolet A. Remplacez seulement avec les lampes de marque **Rave 5071 100W et Heraeus 400W** (ampoule faciale de bronzage, là où applicable). La position minimum d'exposition est à 0,5 pouces 1,27 cm) de la surface de la lampe (instituez par le manufacturier). Lisez le livret d'instruction avant d'utiliser ce dispositif. Pour utiliser, couchez-vous sous l'écran et abaissez dans la mesure où le réglage laissera. **ATTENTION : L'UTILISATION DE N'IMPORTE QUELLE AUTRE POSITION PEUT AVOIR COMME CONSÉQUENCE LA SUREXPOSITION.**

Le bronzage peut commencer de façon régulière. Un aspect de bronzage normalement apparaît après quelques expositions et atteint son niveau maximal après quatre (4) semaines d'exposition. Utilisez des lunettes protectrices à chaque fois que l'appareil est active. Lisez le livret d'instructions avant l'utilisation.

Horaire d'exposition recommandé

Type de peau	Semaine 1 1er – 3e Traitements	Semaine 2 4e – 6e Traitements	Semaine 3 7e – 10e Traitements	Semaine 4 11e – 15e Traitements	Bihebdomadaire Traitements subséquents
II-Claire	4 MINUTES	8 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES
III-Moyen	4 MINUTES	8 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES
IV-Foncé	4 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES	20 MINUTES
V-Très Foncé	4 MINUTES	12 MINUTES	16 MINUTES	20 MINUTES	20 MINUTES

LE TEMPS MAXIMUM D'EXPOSITION EST DE 20 MINUTES

Ce produit est conforme aux normes de rendement pour des produits de lampe de soleil tel que stipule la partie 1040 du document CFR 21.

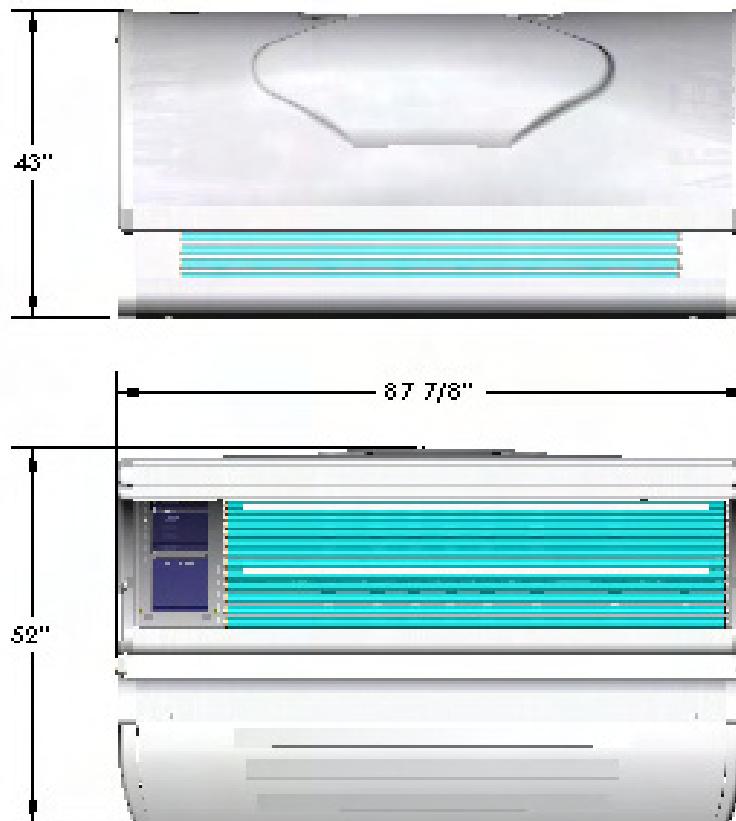
3400R & 3400R/3

SPECIFICATIONS

34 Lamp Heartland Rave system - 15 minute session

- (18) Heartland Rave 10071 R 100 watt lamps in canopy
- (16) Heartland Rave 10071 R 100 watt lamps in bench
- (3) 400 watt facial lamps(3400R/3)
- T-Max timer on board (T-Max wireless compatible)
- Works in a drawer component tray underneath bench
- 3400R - 24 AMPS initial start up, 21 AMPS running @ 220 VAC
- 3400R/3 - 24 AMPS initial start up, 26 AMPS running @ 220 VAC
- 30 AMP rated single phase, 220 – 240 volt with ground required
(for optimum performance, running voltage should be 230 – 240)
- .75 KVA Buck/Booster transformer required if outside 220 – 240 VAC
- 7' X 8' minimum room size required
- 3/4 Ton (9,000 BTU) minimum A/C dedicated into room

Type B seal tight connector supplied. located lower back in center of bed. Type B flexible conduit required. *Actual amp reading will vary depending on voltage – electrician must calculate load/line side amps when using Buck/Booster transformer to insure proper wire gauge and breaker size. Minimum 8 gauge wire size is recommended for this 30 amp circuit to allow less than 2% voltage drop up to 100 feet. Licensed electrician must refer to National Electric Codes when determining proper wire gauge and breaker size for each application. All specifications are subject to change.



3400R & 3400R/3

EXPOSURE SCHEDULE

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 do so may result in severe burns or long-term injury to eyes.

Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamps if you are taking medications or have a history of skin problems or believe yourself to be especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product.

This system is intended to be used only with **Rave 10071 R 1834, Phillips HPA 400/30 S & Heraeus E-400 HPT lamps (facial unit, where applicable)**.

Sales or Service Questions

Heartland Tanning, Inc. • Lee's Summit, MO • 1-800-554-8268

Follow recommended exposure schedule for skin type.

NOTE: See Skin Guide (pg. 3) for help choosing the proper skin type.

RECOMMENDED EXPOSURE SCHEDULE

SKIN TYPE	WEEK1 1st-3rd TREATMENT	WEEK2 4th-6th TREATMENT	WEEK3 7th-10th TREATMENT	WEEK4 11th-15th TREATMENT	WEEKLY SUBSEQUENT TREATMENT
II-FAIR	3 MINUTES	6 MINUTES	8 MINUTES	10 MINUTES	15 MINUTES
III-AVERAGE	3 MINUTES	6 MINUTES	8 MINUTES	10 MINUTES	15 MINUTES
IV-BROWN	3 MINUTES	8 MINUTES	10 MINUTES	15 MINUTES	15 MINUTES
V-D. BROWN	3 MINUTES	8 MINUTES	10 MINUTES	15 MINUTES	15 MINUTES

MAXIMUM EXPOSURE TIME IS 15 MINUTES

This product is in conformity with performance standards for sunlamp products under CFR 21 Part 1040.

This unit utilizes UVA lamps. Replace only with **Rave 10071 R 1834, Phillips HPA 400/30 S & Heraeus E-400 HPT lamps (facial unit, where applicable)**. The minimum exposure position is .5" (1.27 cm) from the lamps surface (preset by the mfg.). Read the instruction booklet before using this device. To use, lie down under canopy and pull down as far as adjustment will allow.

CAUTION: ANY OTHER POSITION MAY RESULT IN OVEREXPOSURE.

Tanning can begin on a regular basis. An appearance of a tan normally appears after a few exposures and maximizes after four (4) weeks of exposure. **Use protective eyewear whenever equipment is energized.** Read the instruction booklet before using.

3400R & 3400/3R

Caractéristiques-15 MINUTES

3400R

Longueur : 87,5 pouces par 51 pouces
Hauteur : 41 pouces (avec le couvercle fermé)
Poids d'expédition : 755 livres
Nombre de lampes : 34
Voltage Recommandé : 230 - 240
Aspiration électrique : 21 ampères à 220 volts
Circuit requis : 220 volts, avec un disjoncteur
Différentiel, briseur de 30 ampères

3400/3R

Longueur : 87,5 pouces par 51 pouces
Hauteur : 41 pouces (avec le couvercle fermé)
Poids d'expédition : 797 livres
Nombre de lampes : 37
Voltage Recommandé : 230 - 240
Aspiration électrique : 26 ampères à 220 volts
Circuit requis : 220 volts, avec un disjoncteur
differential, briseur de 30 ampères

DANGER – RAYONNEMENT ULTRAVIOLET. Suivez les instructions. Évitez la surexposition. Comme avec les rayons naturels du soleil, la surexposition peut causer dommage aux yeux et à la peau et des réactions allergiques. L'exposition répétée peut causer le vieillissement prématué de la peau et du cancer de la peau. Portez des lunettes protectrices; le non-respect de cette consigne peut entraîner de graves brûlures ou des lésions oculaires à long terme.

Les médicaments ou les produits de beauté peuvent augmenter votre sensibilité au rayonnement ultraviolet. Consultez un médecin avant d'utiliser la lampe solaire si vous utilisez des médicaments ou avez une histoire des problèmes de peau ou croyez-vous particulièrement sensibles aux rayons du soleil. Si vous ne bronzez pas au soleil, il est peu probable que vous bronzerez avec l'utilisation de ce produit.

Questions au sujet des ventes ou de service :

Heartland Tanning, Inc. • Lee's Summit, MO – 1-800-554-8268

Suivez le programme recommandé d'exposition pour le type de peau.

Cette appareil utilise des lampes de l'ultraviolet A. Remplacez seulement avec les lampes de marque **Rave 10071 R 100W lamps et Heraeus 400W** (ampoule faciale de bronzage, là où applicable)]. La position minimum d'exposition est à 0,5 pouces 1,27 cm) de la surface de la lampe (instituez par le manufacturier). Lisez le livret d'instruction avant d'utiliser ce dispositif. Pour utiliser, couchez-vous sous l'écran et abaissez dans la mesure où le réglage laissera. **ATTENTION : L'UTILISATION DE N'IMPORTE QUELLE AUTRE POSITION PEUT AVOIR COMME CONSÉQUENCE LA SUREXPOSITION.**

Le bronzage peut commencer de façon régulière. Un aspect de bronzage normalement apparaît après quelques expositions et atteint son niveau maximal après quatre (4) semaines d'exposition. Utilisez des lunettes protectrices à chaque fois que l'appareil est active. Lisez le livret d'instructions avant l'utilisation.

Horaire d'exposition recommandé

Type de peau	Semaine 1 1er – 3e Traitements	Semaine 2 4e – 6e Traitements	Semaine 3 7e – 10e Traitements	Semaine 4 11e – 15e Traitements	Bihebdomadaire Traitements subséquents
II-Claire	3 MINUTES	6 MINUTES	8 MINUTES	10 MINUTES	15 MINUTES
III-Moyen	3 MINUTES	6 MINUTES	8 MINUTES	10 MINUTES	15 MINUTES
IV-Foncé	3 MINUTES	8 MINUTES	10 MINUTES	15 MINUTES	15 MINUTES
V-Très Foncé	3 MINUTES	8 MINUTES	10 MINUTES	15MINUTES	15 MINUTES

LE TEMPS MAXIMUM D'EXPOSITION EST DE 15 MINUTES

Ce produit est conforme aux normes de rendement pour des produits de lampe de soleil tel que stipule la partie 1040 du document CFR 21.

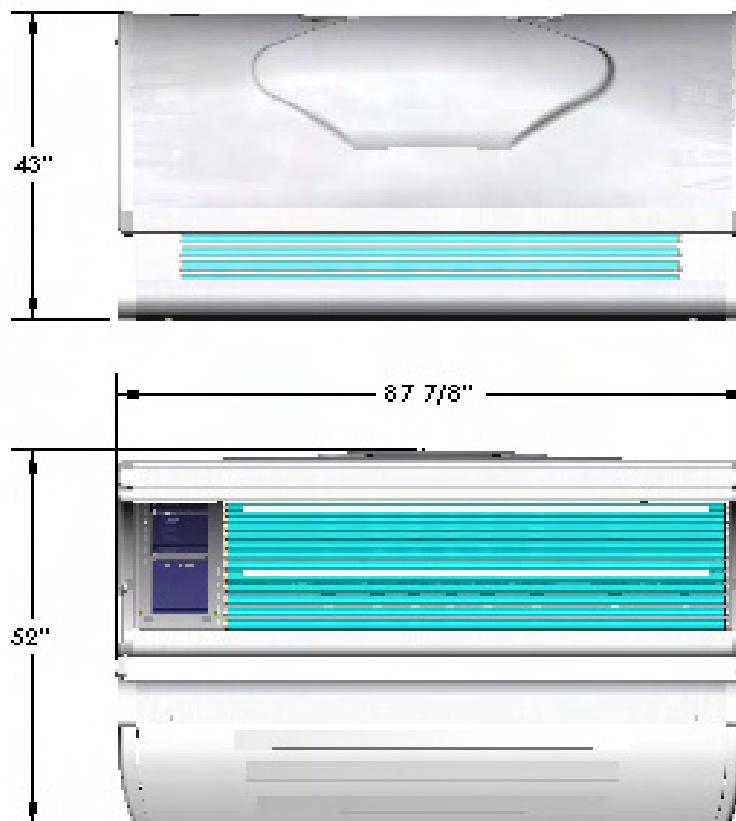
3400S & 3400S/3

SPECIFICATIONS

34 Lamp Heartland Rave system - 10 minute session

- (18) Heartland Rave SELECT 100 watt lamps in canopy
- (16) Heartland Rave SELECT 100 watt lamps in bench
- (3) 400 watt facial lamps(3400S/3)
- T-Max timer on board (T-Max wireless compatible)
- Works in a drawer component tray underneath bench
- 3400S - 24 AMPS initial start up, 21 AMPS running @ 220 VAC
- 3400S/3 - 24 AMPS initial start up, 26 AMPS running @ 220 VAC
- 30 AMP rated single phase, 220 – 240 volt with ground required
(for optimum performance, running voltage should be 230 – 240)
- .75 KVA Buck/Booster transformer required if outside 220 – 240 VAC
- 7' X 8' minimum room size required
- 3/4 Ton (9,000 BTU) minimum A/C dedicated into room

Type B seal tight connector supplied. Located lower back in center of bed. Type B flexible conduit required. *Actual amp reading will vary depending on voltage – electrician must calculate load/line side amps when using Buck/Booster transformer to insure proper wire gauge and breaker size. Minimum 8 gauge wire size is recommended for this 30 amp circuit to allow less than 2% voltage drop up to 100 feet. Licensed electrician must refer to National Electric Codes when determining proper wire gauge and breaker size for each application. All specifications are subject to change.



3400S & 3400S/3

EXPOSURE SCHEDULE

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 do so may result in severe burns or long-term injury to eyes.

Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamps if you are taking medications or have a history of skin problems or believe yourself to be especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product.

This system is intended to be used only with **Rave Select 100W lamps, Phillips HPA 400/30 S and Heraeus E-400 HPT (for facials, where applicable)**.

Sales or Service Questions

Heartland Tanning, Inc. • Lee's Summit, MO • 1-800-554-8268

Follow recommended exposure schedule for skin type.

NOTE: See Skin Guide (pg. 3) for help choosing the proper skin type.

RECOMMENDED EXPOSURE SCHEDULE

SKIN TYPE	WEEK1 1st-3rd TREATMENT	WEEK2 4th-6th TREATMENT	WEEK3 7th-10th TREATMENT	WEEK4 11th-15th TREATMENT	WEEKLY SUBSEQUENT TREATMENT
II-FAIR	2 MINUTES	4 MINUTES	6 MINUTES	8 MINUTES	8 MINUTES
III-AVERAGE	2 MINUTES	4 MINUTES	6 MINUTES	8 MINUTES	8 MINUTES
IV-BROWN	2 MINUTES	6 MINUTES	8 MINUTES	10 MINUTES	10 MINUTES
V-D. BROWN	2 MINUTES	6 MINUTES	8 MINUTES	10 MINUTES	10 MINUTES

MAXIMUM EXPOSURE TIME IS 10 MINUTES

This product is in conformity with performance standards for sunlamp products under CFR 21 Part 1040.

This unit utilizes UVA lamps. Replace only with **Rave Select 100W lamps, Phillips HPA 400/30 S and Heraeus E-400 HPT (for facials, where applicable)**. The minimum exposure position is .5" (1.27 cm) from the lamps surface (preset by the mfg.). Read the instruction booklet before using this device. To use, lie down under canopy and pull down as far as adjustment will allow.

CAUTION: ANY OTHER POSITION MAY RESULT IN OVEREXPOSURE.

Tanning can begin on a regular basis. An appearance of a tan normally appears after a few exposures and maximizes after four (4) weeks of exposure. **Use protective eyewear whenever equipment is energized.** Read the instruction booklet before using.

3400S & 3400S/3

Caractéristiques-10 MINUTES

3400S

Longueur : 87,5 pouces par 51 pouces
Hauteur : 41 pouces (avec le couvercle fermé)
Poids d'expédition : 755 livres
Nombre de lampes : 34
Voltage Recommandé : 230 - 240
Aspiration électrique : 21 ampères à 220 volts
Circuit requis : 220 volts, avec un disjoncteur
Différentiel, briseur de 30 ampères

3400S/3

Longueur : 87,5 pouces par 51 pouces
Hauteur : 41 pouces (avec le couvercle fermé)
Poids d'expédition : 797 livres
Nombre de lampes : 37
Voltage Recommandé : 230 - 240
Aspiration électrique : 26 ampères à 220 volts
Circuit requis : 220 volts, avec un disjoncteur
differential, briseur de 30 ampères

DANGER – RAYONNEMENT ULTRAVIOLET. Suivez les instructions. Évitez la surexposition. Comme avec les rayons naturels du soleil, la surexposition peut causer dommage aux yeux et à la peau et des réactions allergiques. L'exposition répétée peut causer le vieillissement prématué de la peau et du cancer de la peau. Portez des lunettes protectrices; le non-respect de cette consigne peut entraîner de graves brûlures ou des lésions oculaires à long terme.

Les médicaments ou les produits de beauté peuvent augmenter votre sensibilité au rayonnement ultraviolet. Consultez un médecin avant d'utiliser la lampe solaire si vous utilisez des médicaments ou avez une histoire des problèmes de peau ou croyez-vous particulièrement sensibles aux rayons du soleil. Si vous ne bronzez pas au soleil, il est peu probable que vous bronzerez avec l'utilisation de ce produit.

Questions au sujet des ventes ou de service :

Heartland Tanning, Inc. • Lee's Summit, MO – 1-800-554-8268

Suivez le programme recommandé d'exposition pour le type de peau.

Cette appareil utilise des lampes de l'ultraviolet A. Remplacez seulement avec les lampes de marque **Rave Select 100W et Heraeus 400W** (ampoule faciale de bronzage, là où applicable)]. La position minimum d'exposition est à 0,5 pouces (1,27 cm) de la surface de la lampe (instituez par le manufacturier). Lisez le livret d'instruction avant d'utiliser ce dispositif. Pour utiliser, couchez-vous sous l'écran et abaissez dans la mesure où le réglage laissera. **ATTENTION : L'UTILISATION DE N'IMPORTE QUELLE AUTRE POSITION PEUT AVOIR COMME CONSÉQUENCE LA SUREXPOSITION.**

Le bronzage peut commencer de façon régulière. Un aspect de bronzage normalement apparaît après quelques expositions et atteint son niveau maximal après quatre (4) semaines d'exposition. Utilisez des lunettes protectrices à chaque fois que l'appareil est active. Lisez le livret d'instructions avant l'utilisation.

Horaire d'exposition recommandé

Type de peau	Semaine 1 1er – 3e Traitements	Semaine 1 4e – 6e Traitements	Semaine 1 7e – 10e Traitements	Semaine 1 11e – 15e Traitements	Bihebdomadaire Traitements subséquents
II-Claire	2 MINUTES	4 MINUTES	6 MINUTES	8 MINUTES	8 MINUTES
III-Moyen	2 MINUTES	4 MINUTES	6 MINUTES	8 MINUTES	8 MINUTES
IV-Foncé	2 MINUTES	6 MINUTES	8 MINUTES	10 MINUTES	10 MINUTES
V-Très Foncé	2 MINUTES	6 MINUTES	8 MINUTES	10 MINUTES	10 MINUTES

LE TEMPS MAXIMUM D'EXPOSITION EST DE 10 MINUTES

Ce produit est conforme aux normes de rendement pour des produits de lampe de soleil tel que stipule la partie 1040 du document CFR 21.

REPAIRS - SERVICE REPLACEMENT PARTS LAMPS EYE PROTECTION

If you are in need of any of the above mentioned products or services, you should contact the dealer/distributor through whom you purchased your unit. In the event that you are unable to do so, please call our Service Department for assistance:

1-800-554-8268

NOTE: All repairs and replacement components including, but not limited to, protective eyewear, lamps, timers and acrylic must be in compliance with CFR21 1040.20.

NOTE: Electrical connection to the power supply must be in compliance with NECA regulations and performed by a qualified electrician.

WARNING

Wear protective eyewear; failure to do so may result in severe burns or long-term injury to eyes.

CARE AND CLEANING

After each session is completed, spray acrylic with a specially formulated UVT (ultra-violet transmitting) acrylic cleaner. Wipe the acrylic with a clean cloth. The acrylic should never be wiped with a dry cloth because this will generate a slight static charge which will attract dust. A mild liquid detergent and water solution can be used temporarily in place of acrylic cleaner.

ELECTRICAL SAFETY

The tanning unit should be disconnected from the power supply before cleaning or any repairs are made! Avoid water or solution entering the lamp compartment.

CAUTION

Do not use abrasive cleaners, excessive amounts of water or any spray cleaners that carry label warnings regarding reactions to contact with skin!

WARNING DO NOT USE ALCOHOL TO CLEAN THIS UNIT!

For maximum efficiency of your tanning unit, periodic cleaning of lamps is required. Refer to relamping instructions for acrylic removal.

2800

3400

**LAMP
GUIDE**

RELAMPING INSTRUCTIONS

2800

Replace only with Rave 5071 100W lamps, Rave 5059 80W lamps and Heraeus 400W lamps (Facial unit, where applicable)

3400, 3400/3

Replace only with Rave 5071 100W lamps and Heraeus 400W lamps (Facial unit, where applicable)

3400R, 3400R/3

Replace only with Rave 10071 R 100W lamps and Heraeus 400W lamps (Facial unit, where applicable)

3400S, 3400S/3

Replace only with Rave Select 100W lamps and Heraeus 400W lamps (Facial unit, where applicable)

REPLACING LOW-PRESSURE TANNING LAMPS

2800 AND 3400

1. Disconnect power from unit.
2. *Remove the quarter-turn screws from acrylic strips and remove acrylic from unit.
3. Turn the bi-pin lamp 90 degrees and remove from lamp holder.
4. Align the bi-pin lamp and slide the top and bottom into the lamp holder. Turn 90 degrees.
5. Clean acrylic and reinstall acrylic strips.
6. *Reinstall acrylic and install screws.
7. Reconnect power to unit.

* Please note - when removing and installing canopy acrylics on these units - requirement is 2 people, 1 person at each end of bed.

CAUTION:

Replacement lamps must comply with CFR 21 1040.20 When ordering lamps, include model number and serial number.

REPLACING HIGH-PRESSURE FACIAL LAMPS

2800

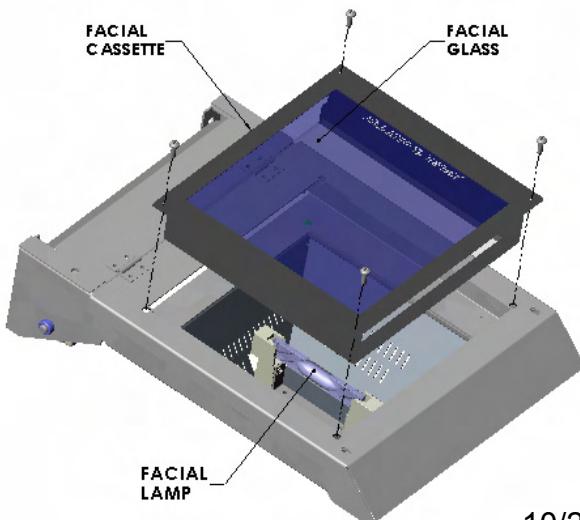
1. Disconnect power from unit.
2. Remove three (3) quarter-turn fasteners on the rear of the canopy and remove the acrylic retainer.
3. Remove the acrylic by pulling rear of acrylic outward exposing the facial.
4. While holding the facial cassette, remove four (4) retaining screws using a #2 Phillips screwdriver.
5. Remove the facial glass from the facial housing exposing the 400W facial lamp.
6. Grasp the facial lamp from one end pressing towards the opposite end to release the facial lamp from the lamp holder.
7. Replace the 400W facial lamp.

NOTE: ONLY GRASP THE 400 WATT FACIAL LAMPS FROM EITHER END; ALWAYS USE ALCOHOL TOWEL PROVIDED WITH LAMP TO WIPE OFF LAMP AFTER INSTALLATION.

8. Reverse the procedures above to reassemble.

CAUTION:

DO NOT CHECK FACIAL LAMP OPERATION WITH FACIAL GLASS CASSETTE REMOVED. ALWAYS WEAR UV PROTECTIVE EYEWEAR WHEN REPLACING LAMPS AND CHECKING OPERATION.



REPLACING HIGH-PRESSURE FACIAL LAMPS

3400

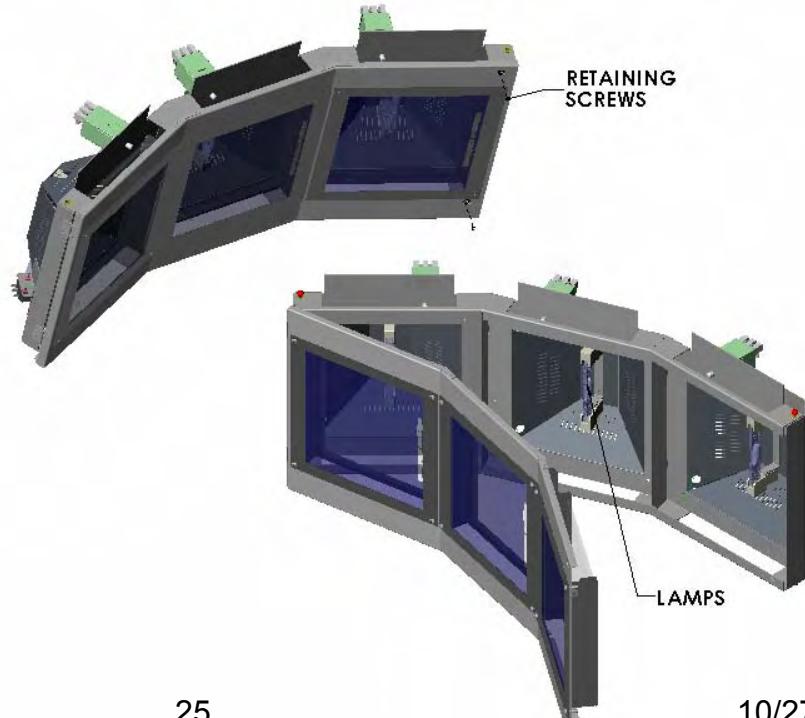
1. Disconnect power from unit.
2. Remove two (2) quarter-turn fasteners at the front edge of the acrylic using a #2 Phillips screwdriver.
3. Pull the front edge of the acrylic rail down from the canopy allowing the acrylic to hinge down from the back of the canopy.
4. Remove acrylic from the hinge rail exposing the facial assembly.
5. While holding the facial glass door, remove two (2) retaining screws using a #2 Phillips screwdriver.
6. Hinge facial glass door from facial housing exposing the 400W facial lamps.
7. Grasp the facial lamp from one end pressing towards the opposite end to release the facial lamp from the lamp holder.
8. Replace the 400W facial lamp.

**NOTE: ONLY GRASP 400 WATT FACIAL LAMPS FROM EITHER END;
ALWAYS USE ALCOHOL TOWEL PROVIDED WITH LAMP TO WIPE
OFF LAMP AFTER INSTALLATION.**

9. Reverse the procedures above to reassemble.

**CAUTION: DO NOT CHECK FACIAL LAMP OPERATION
WITH FACIAL GLASS CASSETTE REMOVED.**

**ALWAYS WEAR UV PROTECTIVE EYEWEAR WHEN REPLACING LAMPS AND
CHECKING OPERATION.**



TIMER GUIDE AND INSTALLATION

OVERVIEW

Congratulations on your purchase of Applied Digital, Inc.'s T-Max Series of tanning bed timers. The T-Max Series is designed for complete automation and control of your tanning equipment. A Heartland Timer is an OEM board that can be installed in a tanning bed or tanning booth. Each Heartland Timer can individually control a tanning bed, can be connected back-to-back with a T-Max 3A for remote front desk control or be connected with many Heartland Timers and a T-Max Manager or Manager/Plus/Pro to control many beds from a remote location. Operation is accomplished via front panel controls. This manual should be used by the licensed electrician installing your T-Max timing system. Check for compliance with local building codes.

CONFIGURATION

Setting Parameters

NOTE: If you are using a T-Max Manager or T-Max Manager/Plus/Pro and multiple Heartland Timers, remove power from the T-Max Manager or T-Max Manager/Plus/Pro and keep the power removed until all parameter changes are complete.

1. Press and hold the Start/Stop and Up buttons simultaneously on the Heartland Timer until a .1 appears on the display. Release the buttons. This should take about 5-6 seconds. This is an indication that you are in the parameter mode. The numbers currently displayed represents the parameter number that you can observe or change.
2. Press the Up or Down button until the parameter number that you want to observe or change is displayed.
3. Press the Start/Stop button. The current value for that parameter will be displayed and flashing. The Heartland Timer will show a number with a period illuminated in the lower center of the display. The number shown is the current value for that parameter. For Lamp, Session Counts, etc. the value displayed can be as high as 9999. To display this value, the Heartland Timer will flash two numbers-three times, then two numbers-three times, pause, two numbers-three times, two numbers-three times, pause, etc. For example, 53 three times, then 14 three times, pauses then repeats, then the total lamp hours stored in that Heartland Timer is 5314.
4. Press the Up or Down button to change the parameter to the desired value. If you want to clear the value for that parameter, press the Up and Down buttons at the same time until the display shows 0.0.

5. Press the Start/Stop button. The display will show the parameter number you just changed and a solid period in the lower center of the display. You may now change another parameter by pressing the Up or Down button until the parameter that you want to change is displayed. Repeat Steps 2-4 for each parameter you want to change.
6. To exit the Parameter mode and make the Heartland Timer available for the next session, press and hold both the Up and Down buttons until the display shows a 0 with no periods displayed.

Setting the address

NOTE: If you are using the Heartland Timer as an independent timer, you don't need to set the address on the Heartland Timer.

1. Press and hold the Start/Stop and Up buttons simultaneously on the Heartland Timer until a .1 appears on the display. Release the buttons. This should take about 5-6 seconds.
2. Press and release the Start/Stop button. A number will appear on the display and be flashing. A period will be illuminated in the center of the display. Pressing and holding the Up button will cause the display to count up. Once the count reaches 100, the center period will flash rapidly. This is an indication that you are over 99. For example, if the display shows a 0.2 with the period flashing, this is address 102. The highest the display will count up to is 254.
3. Press the Up or Down button until the desired address is displayed. When setting the address, remember 3 rules:
 - A) Set each Heartland Timer to a unique address.
 - B) Do not set any address to 0.
 - C) Do not set any address over 100.
4. Press the Start/Stop button. The .1 will appear on the display. The 1 will not be flashing.
5. To exit, press and hold both Up and Down buttons until the display shows a 0 with no periods displayed.

Table 1- Parameter numbers for observing and changing parameters

PARAM. # SALON LEVEL	DESCRIPTION	MAX #	DEFAULT	NOTES
1	Address	128	1	Set this number to the room number you want the timer to be
2	Beep Mode	1	0	Used for High Power Beds. 0=Alarm only 1= Alarm and Flip
3	Delay Time	10	3	Delay in minutes stored in the Heartland Timer
5	Session	65535	0	Total Session Count for Heartland Timer Count
6	Lamp Hours	65535	0	Bulb hours for each bed
7	Bed Hours	65535	0	How many hours a bed is on
8	Manual Session Count	65535	0	Counts the # of sessions the Heartland Timer Session has run while in Stand Alone Mode
9	Clean Room	1	1	0=Clean Room Disabled 1=Enabled
10	Manual Lockout*	1	0	0=Stand Alone Disabled 1=Enabled
13	Cool Down Mode	10	3	0=Disabled 1-10=Enabled. Time delay in minutes allowing bed to cool. The fans will remain running while the Heartland Timer is in Cool Down Mode.
14	5 MIN. Beep	1	0	0=Disabled 1=Enabled. Heartland Timer will beep for 10 seconds every five minutes
15	Fixed Session	65535	0	Counts number of sessions ran through the T-MAX 3A. This value can't be changed at all. Used as point of reference.
16	Pulse Mode	1	0	0= Disabled 1=Enabled. When session starts, the relay on the T-MAX 1A will close 1-2 seconds and close
17	Clean Clear	1	0	0=Press and hold the Set button for 3-4 seconds to clear the clean room. 1=Press and release the Set button to instantly clear the clean room.
18	Redisplay	2	0	0 = After a session ends and the clean room is cleared, the Heartland Timer will show a 0. 1 = After session ends and the clean room is cleared, the Heartland Timer will show the last session time entered. 2 = After the session ends and the clean room is cleared, the max time will show on the Heartland Timer.
19	Third Party Interface		1	0= When set to a 1, voltage must be applied be an outside source to the TPI input on the back of the Heartland Timer. Use of this timer is being controlled by either a FST® or Database® Series Timer. See Section for JPI settings

Setting Delay Time

If the Heartland Timer is being controlled by a T-Max 3A, T-Max Manager or T-Max Manager/Plus/Pro, the delay does not need to be set on the Heartland Timer. The delay is controlled by the controlling device.

1. Press and hold the Start/Stop and Up buttons simultaneously on the Heartland Timer until a ".1" appears on the display. Release the buttons. This should take about 5-6 seconds.
2. Press the Up or Down button until a ".3" is displayed.
3. Press and release the Start/Stop button. A number will appear on the display and be flashing. A period will be illuminated in the center of the display. This is the current delay time.
4. Press the Up or Down button until the desired delay time is displayed. The highest delay time that can be set on the Heartland Timer is 10 minutes. If you want no delay time, set the display to 0. If you set the delay time to 0, the session time will start immediately after the Start/Stop button is pressed.
5. Press the Start/Stop button. The ".3" will appear on the display. The 3 will not be flashing.
6. To exit, press and hold both the Up and Down buttons until the display shows a "0" with no periods displayed.

IN-ROOM SINGLE BED CONTROL

Starting A Session

1. Press the Up or Down button on the Heartland Timer until the desired session time is displayed. If the display shows a 0, and you want to count down from the maximum time, press the down button.
2. Press and release the Start/Stop button to start the session. If a delay other than 0 is entered, the delay will count down. A period on the lower right corner of the display will flash rapidly. When the session starts, the period will flash at a once per second rate. If the delay is set to 0, the session will start immediately.

Pausing a Session

To pause the session, press the Start/Stop button. The flashing period on the lower right corner of the display will stop flashing and stay illuminated. To restart, press the Start/Stop button on the Heartland Timer. The period on the lower right corner of the display will resume flashing.

NOTE: The session time will continue to count down. The display will continue to update and reflect the remaining session time.

Cancelling a Session

To cancel a session, press the Start/Stop button to pause the session, then press the Up button. The display will show a solitary 0.

REMOTE SINGLE BED CONTROL

Remote Single Bed Control is the ability to control a single tanning bed from a remote location. T-Max 3A at the remote location is required for this configuration.

Wiring

Wire the Heartland Timer to the tanning bed. Apply power to the T-Max 3A as described in their respective User's Guides. Run the provided modular cable from the tanning room to the remote T-Max 3A. Connect the modular cable to one of the RJ-22 ports on the Heartland Timer and T-Max 3A (see RJ-22 ports for T-Max Series timers on page 29, figure B).

Configuration

Set the address on the Heartland Timer in the tanning room to 1. Set the address on the T-Max 3A to 0.0. For setting the delay, refer to the T-Max 3A User's Guide.

NOTE: When setting the address on the Heartland Timer in the tanning room, the power to the front desk or T-Max 3A must be off.

SESSION CONTROLS

Starting a Session

1. Press the Up or Down button on the T-Max 3A or the Set button on the T-Max 1A at the front desk until the session time is displayed. Time cannot be set from the Heartland Timer in the room.

2. Press the Start/Stop button on the front desk T-Max 1A or T-Max 3A to start the session. If a delay other than 0 is set, the delay will count down. A period on the lower right corner of the display will flash rapidly. When the session starts, the period will flash at once per second rate. If a 0 delay is entered, the session will start immediately.

Pausing a Session

To pause the session, press the Start/Stop button. The flashing period on the lower right corner of the display will stop flashing and stay illuminated. To restart, press the Start/Stop button on the Heartland Timer. The period in the lower right corner of the display will resume flashing.

NOTE: The session time will continue to count down. The display will continue to update and reflect the remaining session time.

Cancelling a Session

To cancel a session, press both the Start/Stop band Up buttons on the T-Max 3A at the front desk simultaneously. The session cannot be canceled from the Heartland Timer.

USING THE HEARTLAND TIMER WITH A T-MAX MANAGER OR T-MAX MANAGER/PLUS/PRO

If you are using Heartland Timers with a T-Max Manager or T-Max Manager/Plus/Pro, follow these instructions for proper operation:

1. If you need to set the address on the Heartland Timer manually, be sure to set each Heartland Timer to a different address. No Heartland Timer should be set to address 00.
2. Connect each Heartland Timer together using a modular cable that conforms to the pin outs shown on Figure B on page 30. Connect T-Max Manager or T-Max Manager/Plus to the closest Heartland Timer in the line (refer to Figure C on page 31).

Note: Delay is controlled by the T-Max Manager, the T-Max Manager/Plus/Pro or the software you are using if you are using a computer. It is not necessary to set the delay on the Heartland Timer. Refer to the T-Max Manager or T-Max Manager/Plus/Pro User's Guide for operation.

OTHER FEATURES

Clean Room

Once a session time has elapsed, the display will show two solid periods only. This is an indication that the room needs to be cleaned. To clear the clean room indication, press and hold the Up button on the Heartland Timer in the tanning room until the two periods disappear and a "0" appears. To disable the clean room feature, set parameter 9 to a 0.

Lamp Hours

Used to check and change Lamp Hours (or any other parameter).

TPI (Third Party Input) Mode

If you are using a FST or Database Series timers, you will need to place the Heartland Timer in the TPI mode.

Connecting the TPI Input

1. Set Parameter 19 to a 1.
2. Connect the two actuator wires from the FST or Database timer to the TPI input in the back of the Heartland timer. When a session is started, the FST timer will place 5v on these two wires. If you are using a database Series timer, 24 volts will be applied.

Connecting the TPI output FST:

There are three wires coming from the FST series timer. Two are the actuator wires connected to the signal input.

1. Connect the third wire to one of the switch terminals.
2. Make sure J6 and J7 are on and J4 and J5 are off.
3. Run a jumper from the black actuator wire connected to the other switch screw terminal.

Connecting the TPI output Database:

There are four wires coming from the database series timer. Two are the actuator wires connected to the signal input.

1. Connect the two other wires to the TPI relay output terminal J1.
2. Make sure J6, J4 and J5 are off and J7 is on.

Contact Closure

If your external timer is simply a relay contact closure, make sure J4, J6, and J5 are on and J7 is off. **Important:** J4, J5, and J7 should never be on at the same time!!!

Operation

When a session is started, voltage will be applied to the TPI input. The display on the Heartland Timer will show the maximum time and count down. When the session ends, the voltage will be removed from the TPI input and the bed will turn off. Any remaining session time showing on the Heartland Timer will be eclipsed.

NOTE: The Heartland timer can not be used as a stand alone timer in the TPI mode.

If the FST or Database Series timers are in delay the Heartland Timer will show a 0. However, pressing the Start/Stop button on the Heartland Timer will eclipse the delay time and start the session. Pressing the Start/Stop button on the Heartland timer will also clear the clean room indication on the FST and Database timers.

Figure A - Front View Of The Heartland Timer

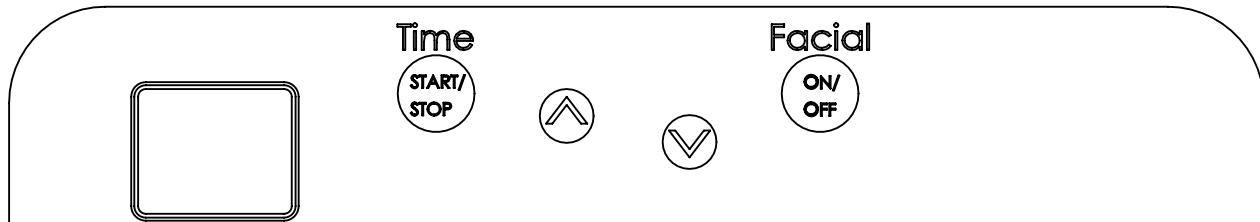
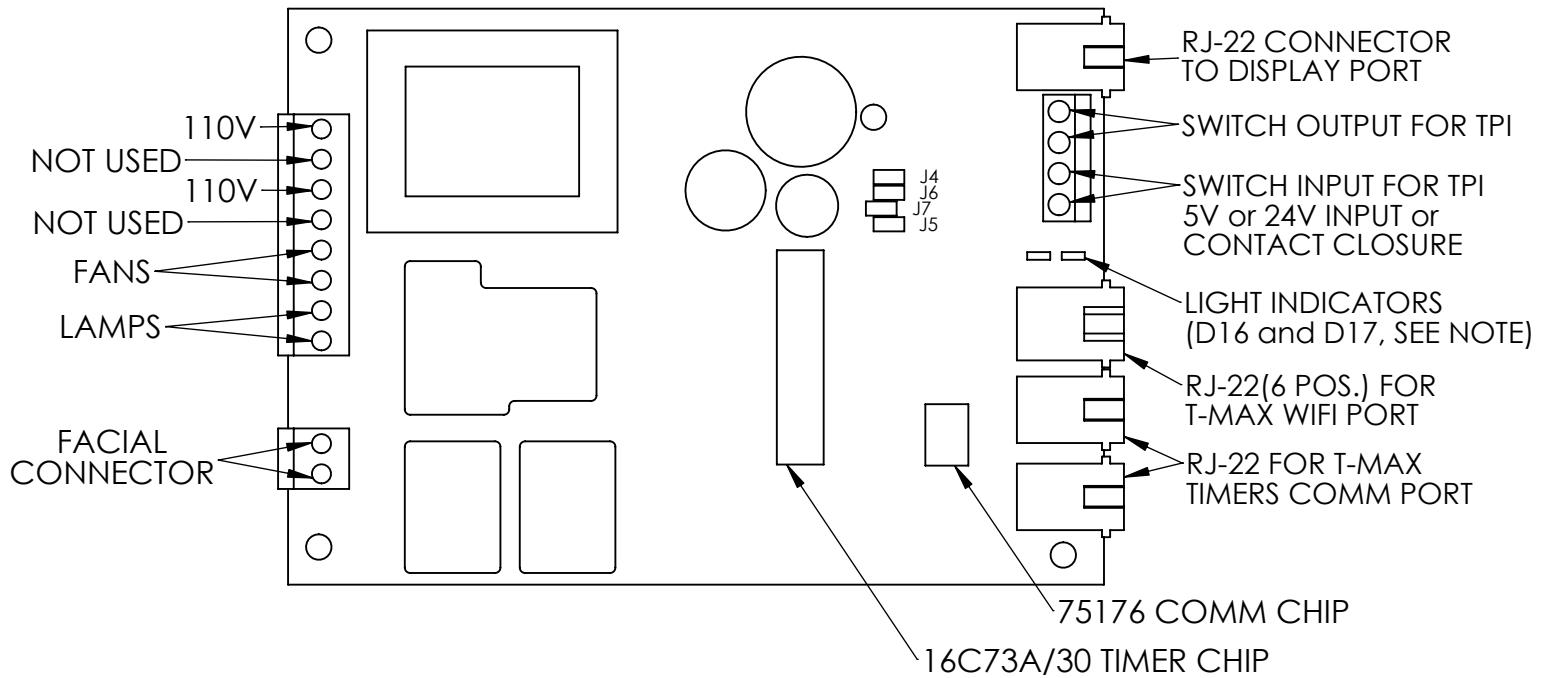


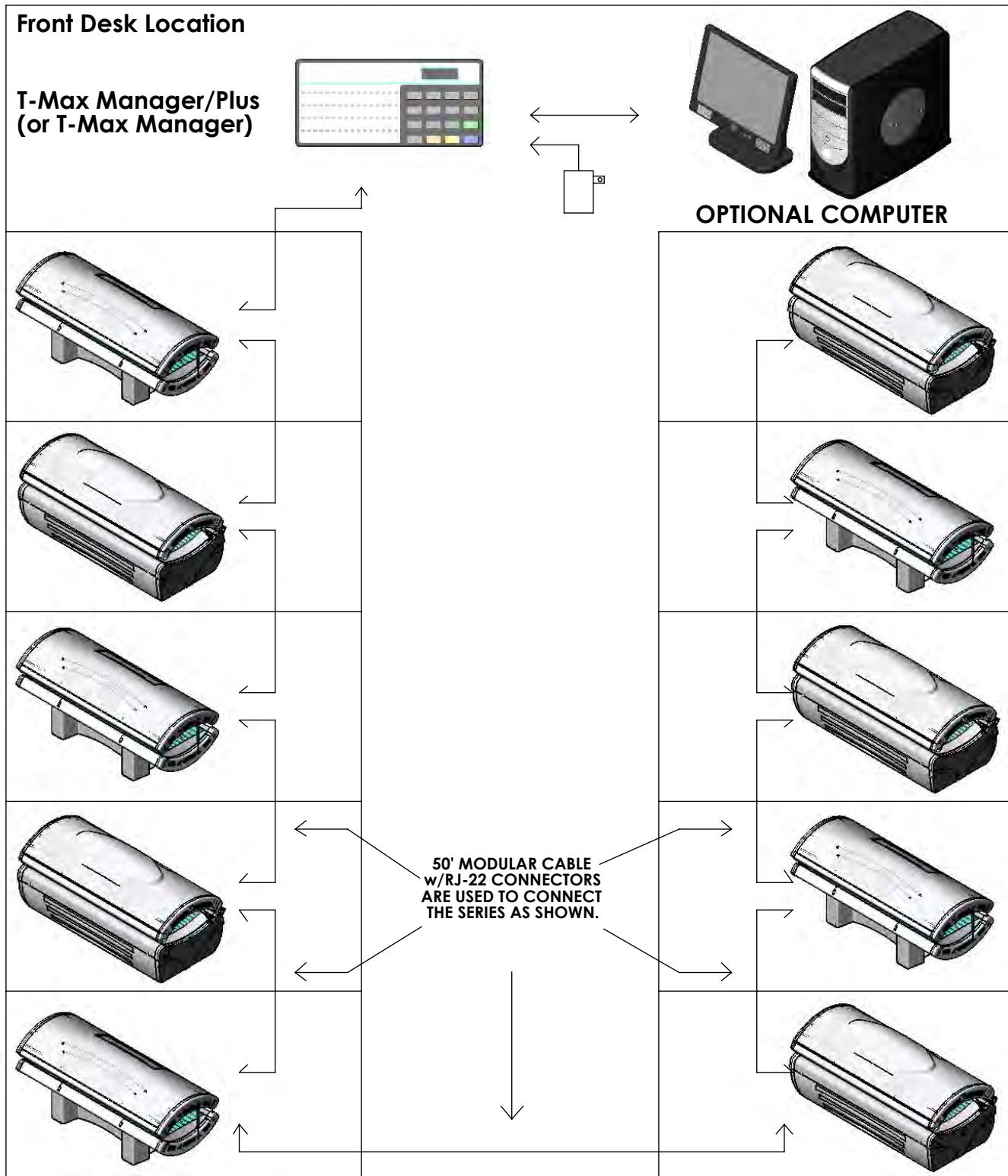
Figure B - Power Board Location



NOTES:

- D16 - POWER INDICATION
- D17 - RUN AND COMMUNICATIONS INDICATION LIGHT WILL FLASH AS A ONCE PER SECOND RATE WHEN OPERATING IN STAND ALONE MODE. WHEN FLASHING RAPIDLY THE COMMUNICATIONS ARE ACTIVE (EITHER WITH A T-MAX MANAGER, T-MAX MANAGER/PLUS/PRO OR MASTER T-MAX 3A), WILL STAY ON SOLID IF TIMER IS IN TPI MODE. FOR TIMER LOCATION SEE SPECIFICATIONS-WIRING DIAGRAM BALLAST TRAY FOR YOUR MODEL

Figure C - Connecting The Heartland Timer to a T-Max Series



It does not matter in which order the rooms are connected. The only requirement is that there is a continuous connection from the T-Max Manager through each room in the T-Max Series daisy-chain.

2800

ASSEMBLY

INSTRUCTIONS

2800

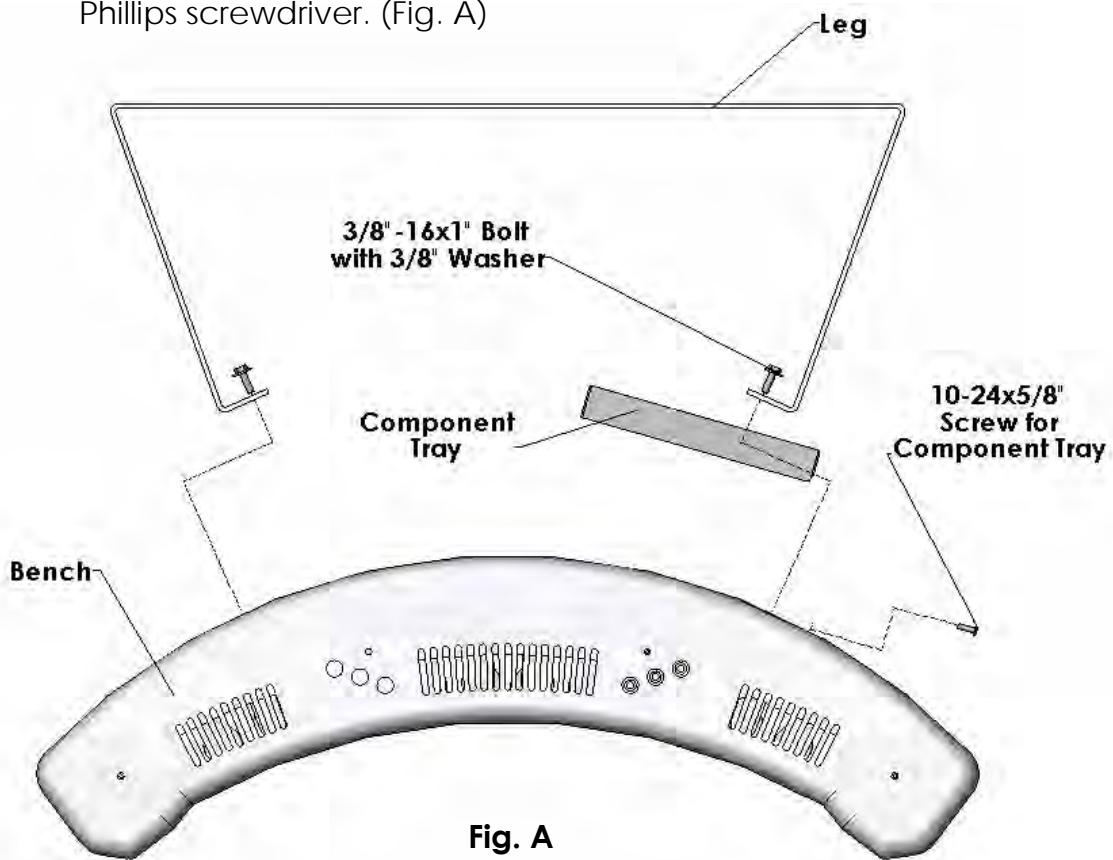
ASSEMBLY INSTRUCTIONS

TOOLS NEEDED:

- 7/16" Socket, 9/16" Socket, 13mm Socket
- 5/32" Allen Wrench and 1/4" Allen Wrench (Both Provided)
- #2 Phillips Screwdriver or screw gun
- Two (2) or more people

STEP 1. Position the bench upside down. Using the 3/8"-16x1" bolts and the 3/8" washers provided, bolt the legs to the bench with a 9/16" socket. (Fig. A)

STEP 2. Using two (2) 10-24x5/8" screws (provided), fasten the component cover to the bottom of the bench with the #2 Phillips screwdriver. (Fig. A)



STEP 3. Turn the unit right side up and install the hinge plate.(Fig. B)

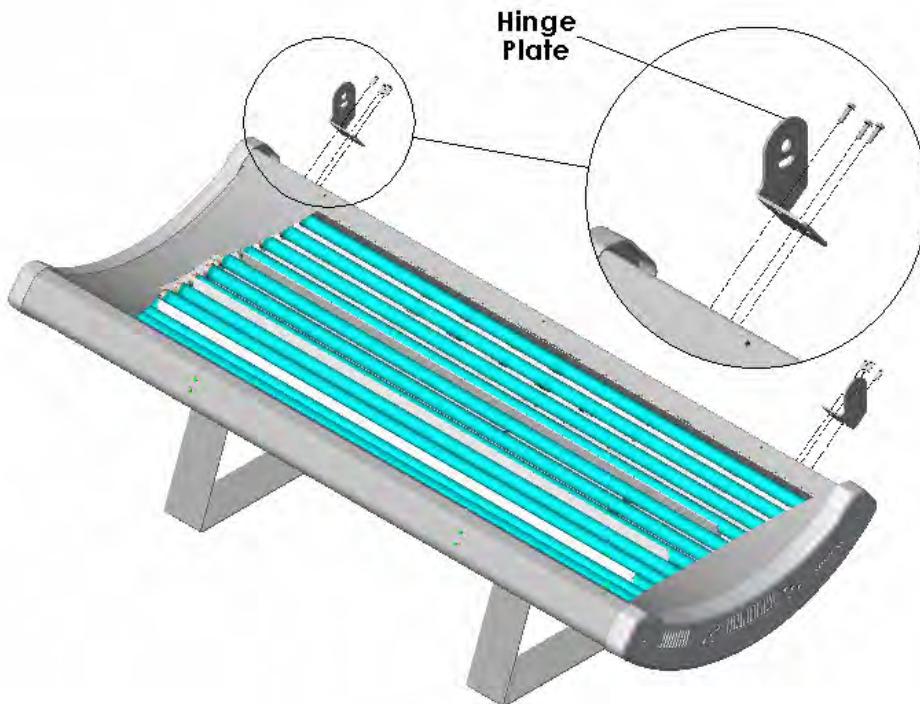


Fig. B

STEP 4. Place the bench in its final location inside of the salon.

STEP 5. Place the canopy on top of the bench aligning the bench and canopy hinge plates. Bolt the hinge plates together using the 1/2"x3/8" shoulder bolts, 3/8" nuts, 9/16" socket and 1/4" Allen wrench. (Fig. C)

NOTE: WHEN LOOKING AT THE BED FROM THE FRONT, THE CANOPY HINGE PLATES SHOULD BE TO THE RIGHT OF THE BENCH HINGE PLATES.

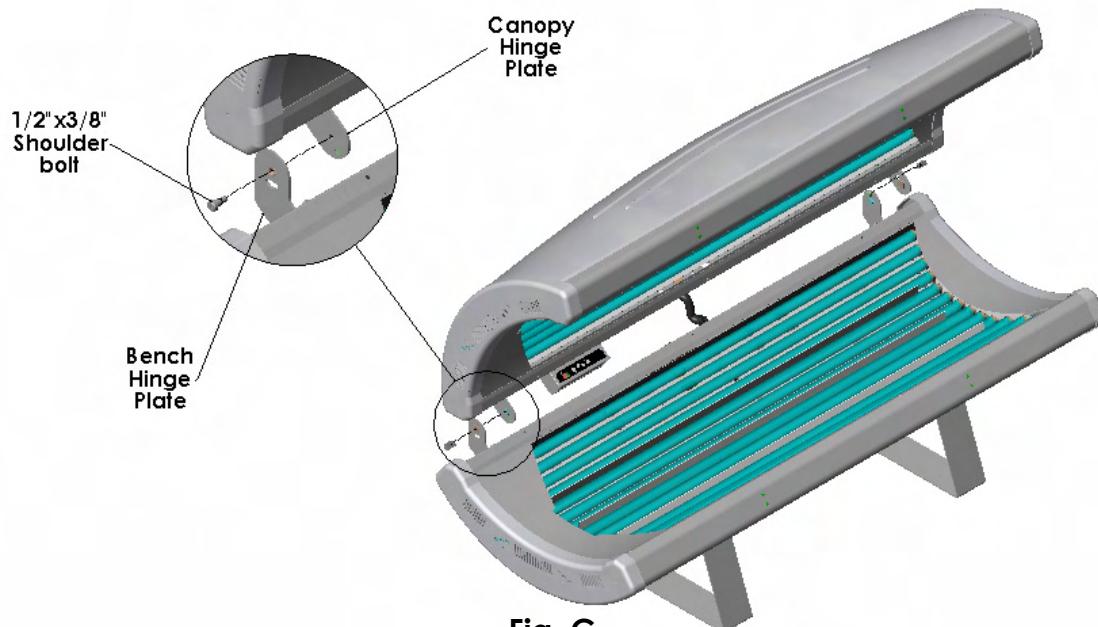


Fig. C

STEP 6. Mount the shocks to the unit. The shock mounting holes are located towards the rear of the unit on both sides of the bench and canopy. (Fig. D)

NOTE: ATTACH CYLINDER OF THE SHOCK TO THE CENTER MOUNTING HOLES IN CANOPY AND THE SHAFT TO THE CENTER MOUNTING HOLES IN THE BENCH.

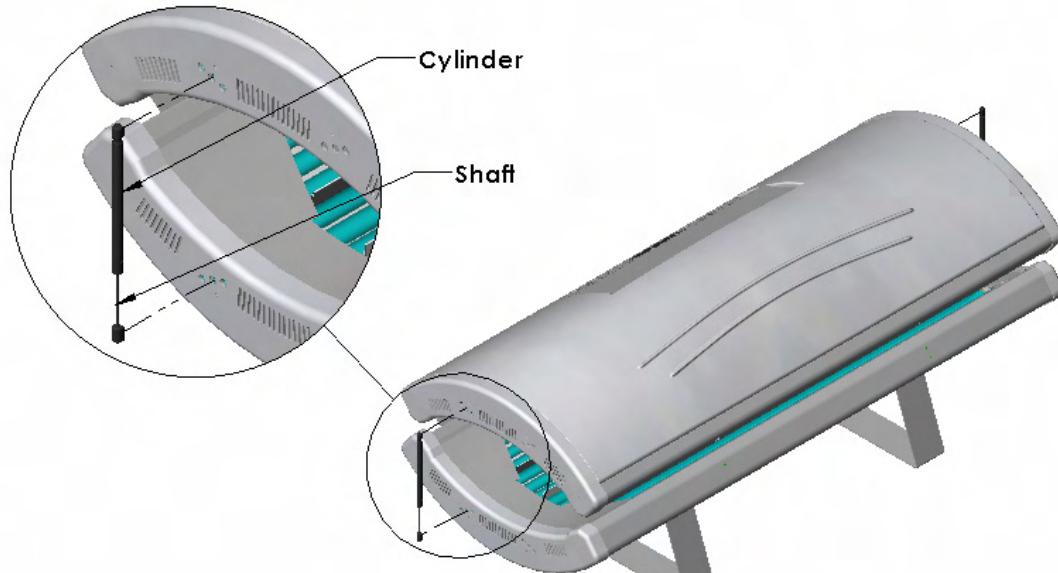


Fig. D

STEP 7. Complete the hinge installation as shown below using 3/8"x5/8" Shoulder Bolts, 3/8" nuts, 9/16" socket and 1/4" Allen wrench. (Fig. E)



Fig. E

STEP 8. Install RJ-22 cable from your communication network (see timer section for details).

STEP 9. Connect the jumper cord located on the back of the canopy, to the terminal on the back of the bench. (Fig. F)



Fig. F

STEP 8. Assemble the facade using six (6) #10-24 hex nuts as shown below (Fig. G)

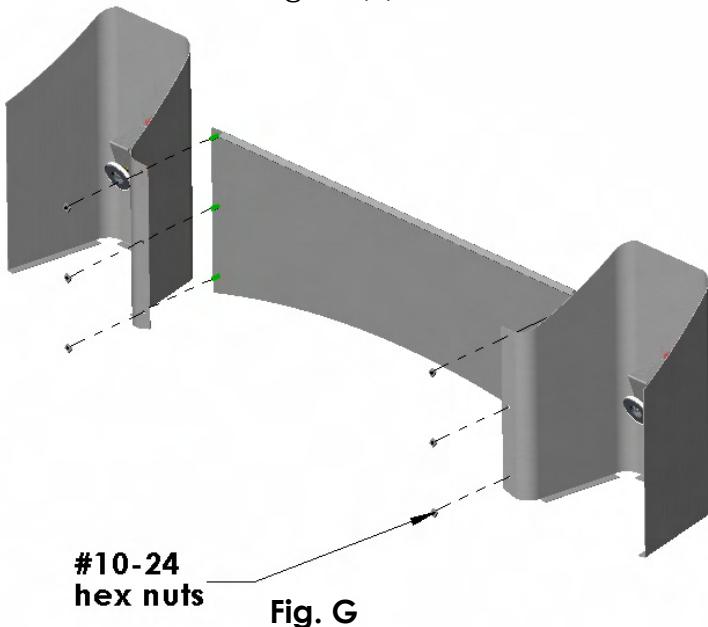


Fig. G

STEP 10. Attach facade to legs using magnets on the back of the facade.

STEP 11. Wire bed accordingly.

NOTE: ELECTRICAL CONNECTION TO POWER SUPPLY MUST BE IN COMPLIANCE WITH NECA REGULATIONS AND MUST BE PERFORMED BY A QUALIFIED ELECTRICIAN.

IF YOU HAVE ANY QUESTIONS, PLEASE CALL 1-800-554-8268

3400

ASSEMBLY

INSTRUCTIONS

3400

ASSEMBLY INSTRUCTIONS

TOOLS NEEDED:

- 7/16" Socket, 9/16" Socket, 13mm Socket
- 5/32" Allen Wrench and 1/4" Allen Wrench (both provided)
- Two (2) or more people

STEP 1. Position the bench upside down and determine left and right legs. Using the 1/4"-20x7/8" shoulder bolts and the 1/4" washers (both provided), bolt the legs to the bench with the 7/16" Socket. (Fig.1)

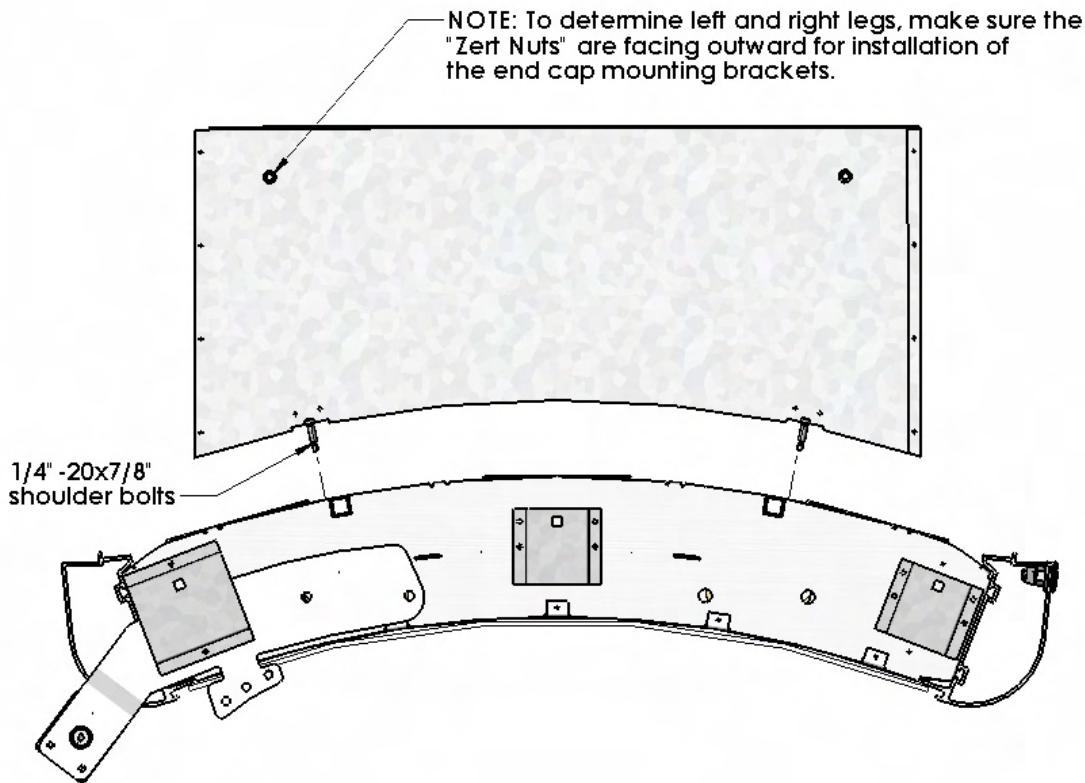


Fig. 1

- STEP 2. Turn the unit right side up and place the canopy on top of the bench, aligning the bench and the canopy hinge plates. Bolt the hinge plates together using the 1/2"x1/4" shoulder bolts, 3/8" nuts, 9/16" socket, and 1/4" Allen wrench (both provided) (Fig. 2)
- STEP 3. Align the holes in the brake with the holes in the hinge plate. Bolt them together using the 10-24x1" socket and the 5/32" Allen wrench (both provided).
- STEP 4. Using the 5/32" Allen wrench (provided), tighten the brake adjustment screw until it is snug. (Fig. 2)

NOTE: DO NOT OVER TIGHTEN BRAKE ADJUSTMENT SCREW

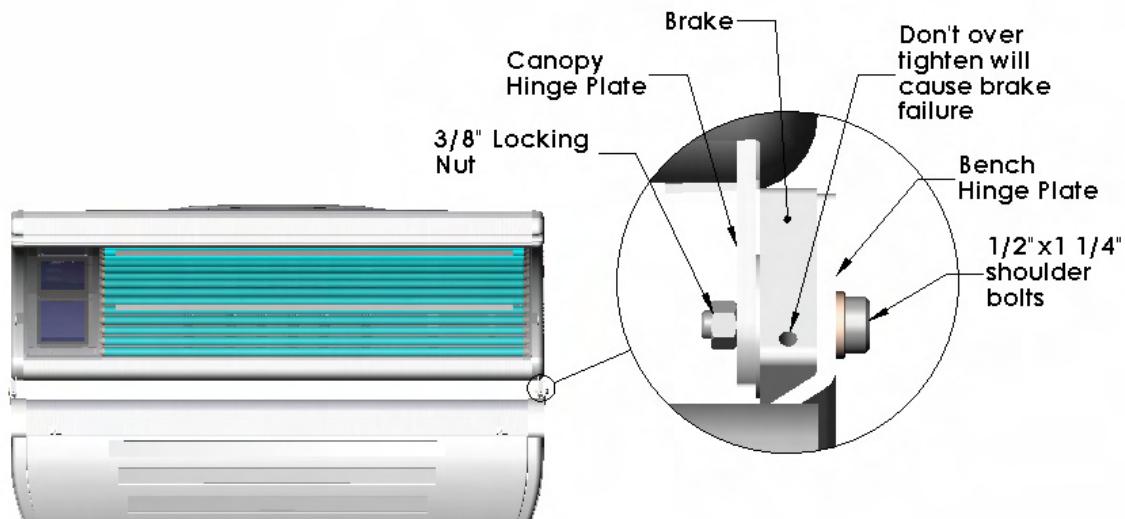


Fig. 2

- STEP 5. Remove the nut from each end of the shock. Attach cylinder end of the shock to the canopy and attach the shaft end of the shock to the center position on the bench. (Fig. 3)

NOTE: FOR PROPER CANOPY ADJUSTMENT - IF THE CANOPY RISES ON ITS OWN, MOVE THE BENCH SHOCK ADJUSTMENT TO THE REAR POSITION. IF THE CANOPY FALLS TOO QUICKLY, MOVE THE BENCH SHOCK ADJUSTMENT TO THE FORWARD POSITION.

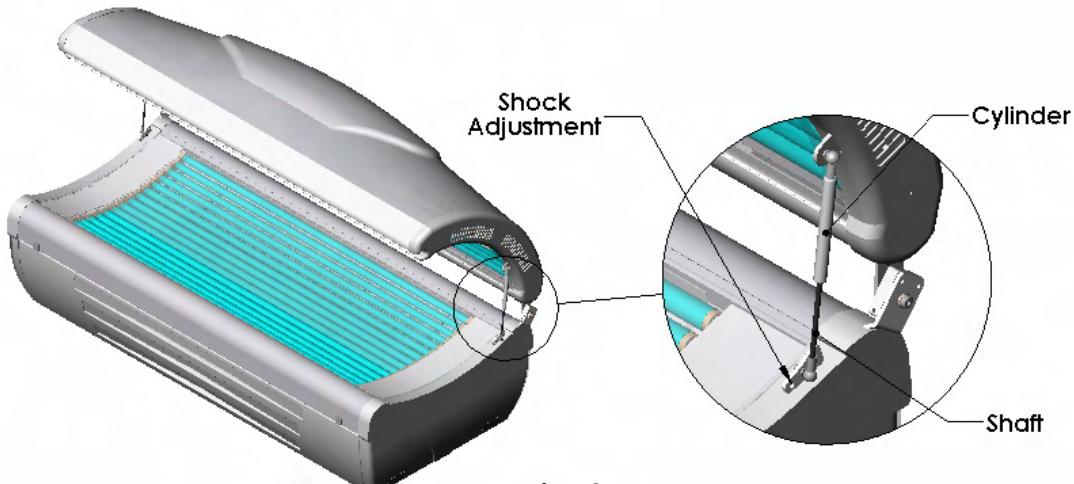


Fig. 3

STEP 6. Locate black timer wire coming from bottom of the bench. Plug the black timer wire into the display port on front of the ballast tray. (Fig.4) See timer section for details.

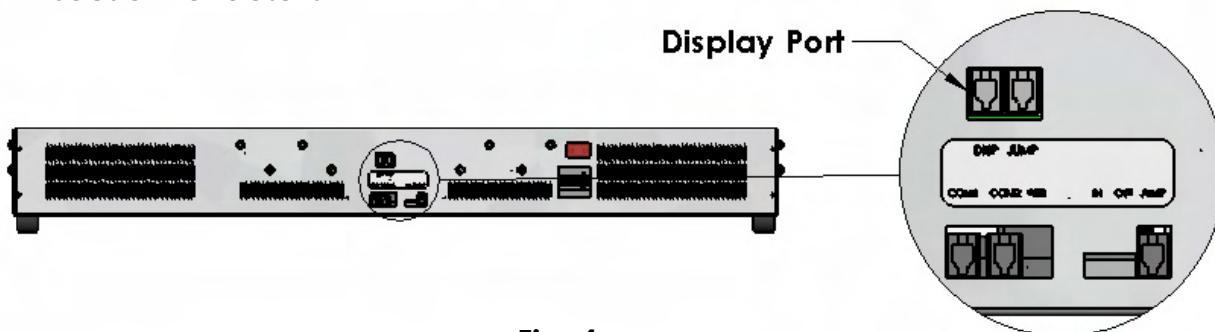


Fig. 4

STEP 7. Place the ballast tray between the legs of the unit with the Display Port facing the front of the unit. READ THIS PAGE THOROUGHLY BEFORE ATTACHING CORDS 1-4 TO BALLAST TRAY RECEPTACLES 1-4.

WARNING

MISALIGNMENT OF THE CANOPY CORD CONNECTORS AND OR THE BENCH CORD CONNECTORS TO THE BALLAST TRAY RECEPTACLES COULD CAUSE DAMAGE TO CONNECTORS, PINS, RECEPTACLES AND INTERNAL COMPONENTS. DAMAGE CAUSED BY IMPROPER CONNECTION OF CANOPY AND OR BENCH CORDS TO BALLAST TRAY RECEPTACLES ARE NOT COVERED UNDER WARRANTY.

CAUTION

Pay close attention when connecting the (2) canopy and the (2) bench cord connectors to the (4) ballast tray receptacles. Notice each receptacle on the ballast tray has 5 notches on the inside of the alignment ring. Notice the largest notch on each of the ballast tray receptacles is located in the 12 o'clock or the straight up position (see Fig.5). Notice each plug on the end of each canopy and bench cord has 5 notches on the outside of the alignment ring. The largest notch on the cord connector must line up with the largest notch on the ballast tray receptacle. The large notch on the ballast tray receptacles are positioned at 12 o'clock or straight up. Each receptacle on the ballast tray is numbered 1 - 4. Each plug connector is numbered 1 - 4.

ATTENTION: Make sure the large notch on the canopy and bench cord connector alignment rings are in the 12 o'clock or the straight up position allowing proper alignment with the ballast tray receptacle alignment rings (Fig. 5). Push gently each canopy and bench plug connector into each corresponding ballast tray receptacle. Turn locking ring clockwise to secure.

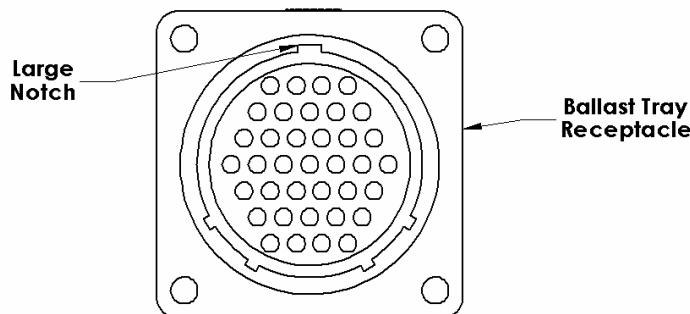


Fig. 5

- STEP 8. Attach the two (2) leg end cap mounting brackets to the bottom outside section of each leg using the 1/4"-20x7/8" bolts provided. (Fig 6)
- STEP 9. Position the end caps on either side of the bench. Attach using the small 1/4 turn fasteners provided. (Fig. 6)

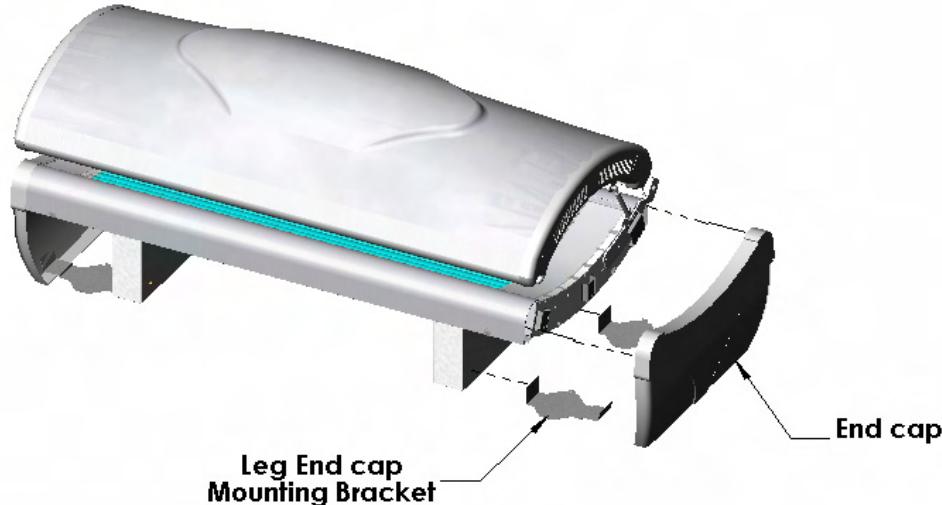


Fig. 6

- STEP 10. Align the slots located on the bottom of the facade with the tabs on the front side of the leg end cap brackets. Position facade in place. Using the 5/16" Allen wrench (provided), turn the security fasteners on the front bench rail to lock the facade in place (Fig.7).

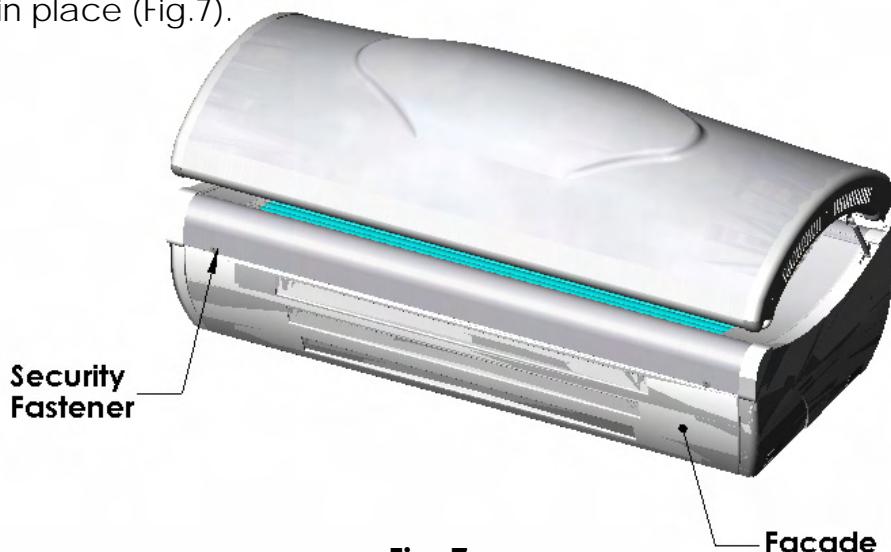


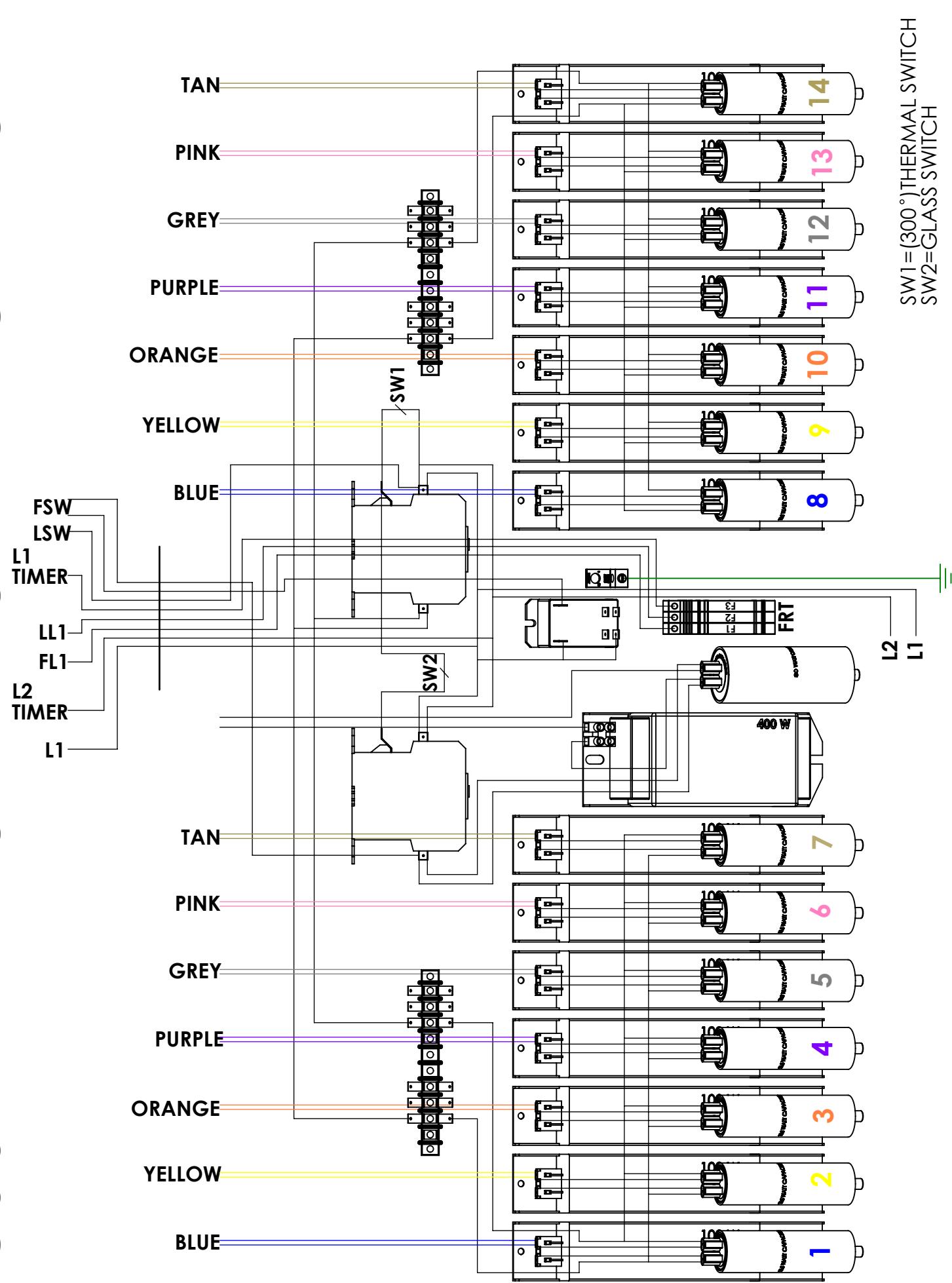
Fig. 7

NOTE: ELECTRICAL CONNECTION TO POWER SUPPLY MUST BE IN COMPLIANCE WITH NECA REGULATIONS AND PERFORMED BY A QUALIFIED ELECTRICIAN.

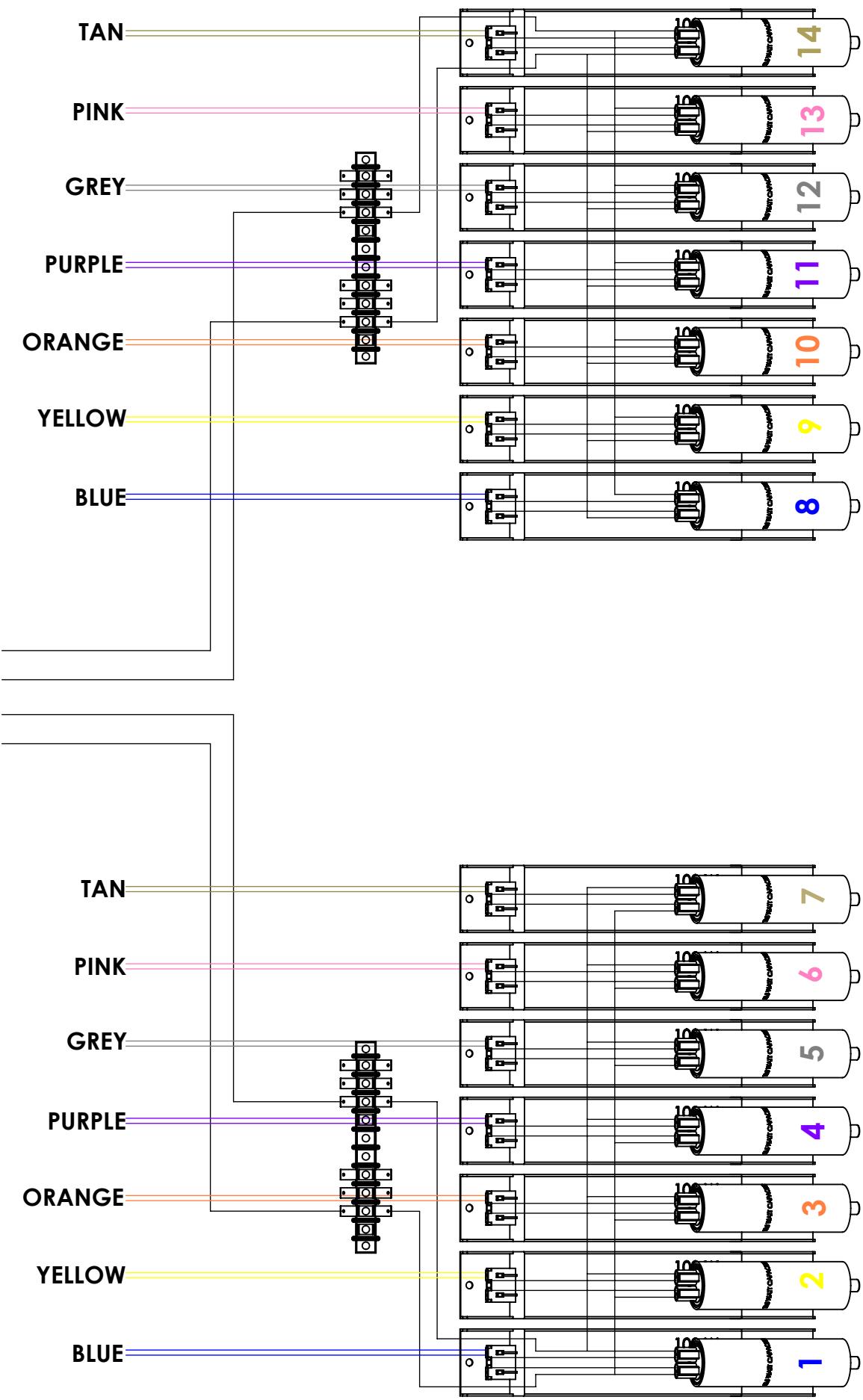
IF YOU HAVE ANY QUESTIONS PLEASE CALL 1-800-554-8268

2800
WIRING

2800 WIRING DIAGRAM CANOPY



2800 WIRING DIAGRAM BENCH



2800

BALLAST TRAY COMPONENTS AND LAYOUT



100 WATT BALLAST



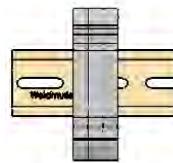
13.5 uf CAPACITOR



40 AMP CONTACTOR



FAN RELAY



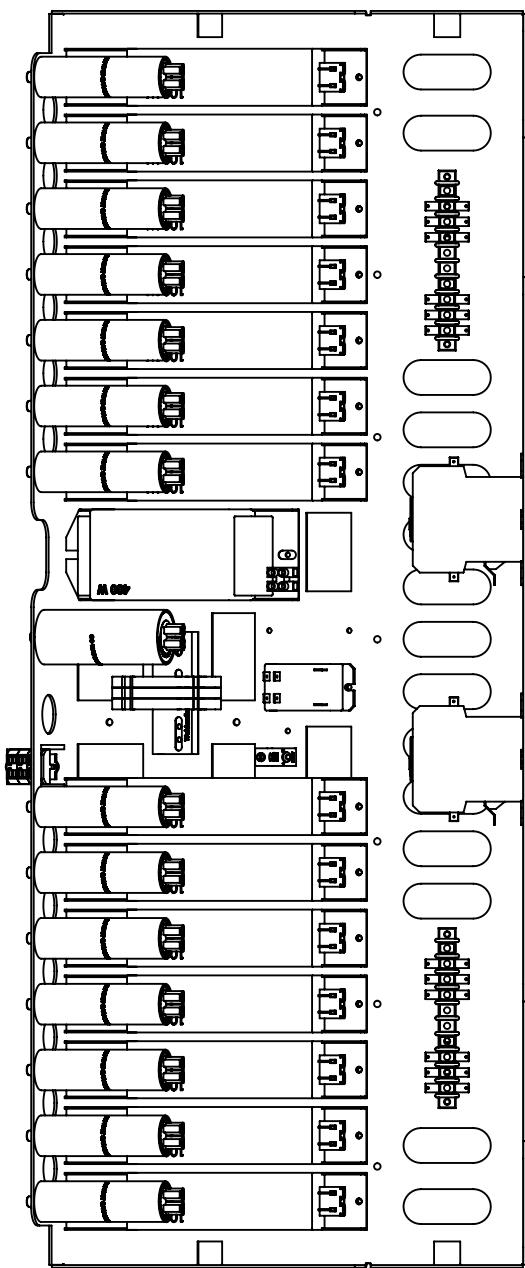
FUSE BLOCK



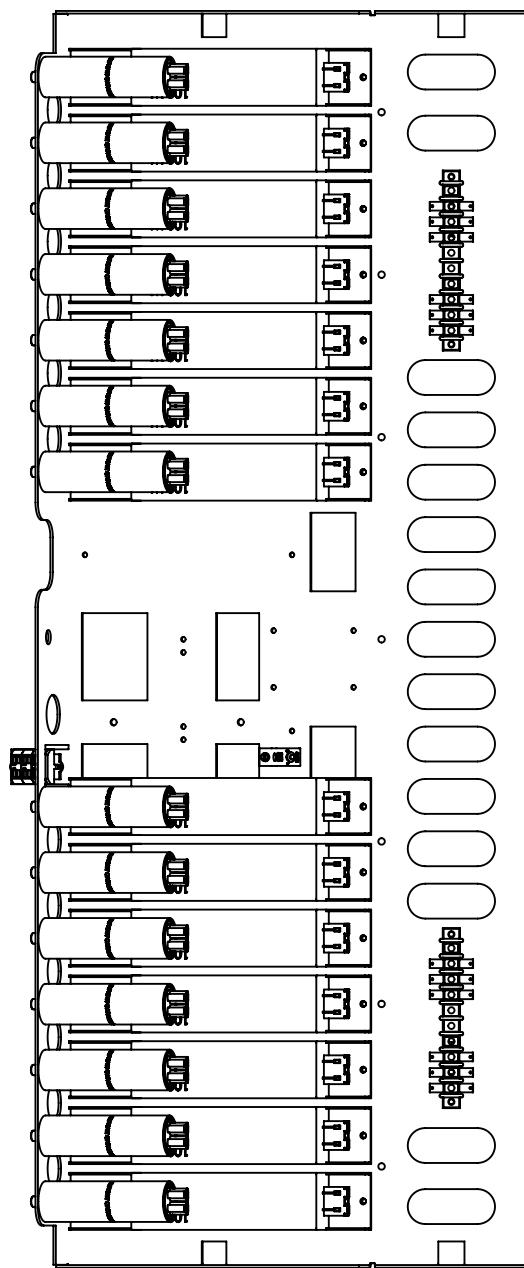
30 uf CAPACITOR



TERM. STRIP



CANOPY TRAY

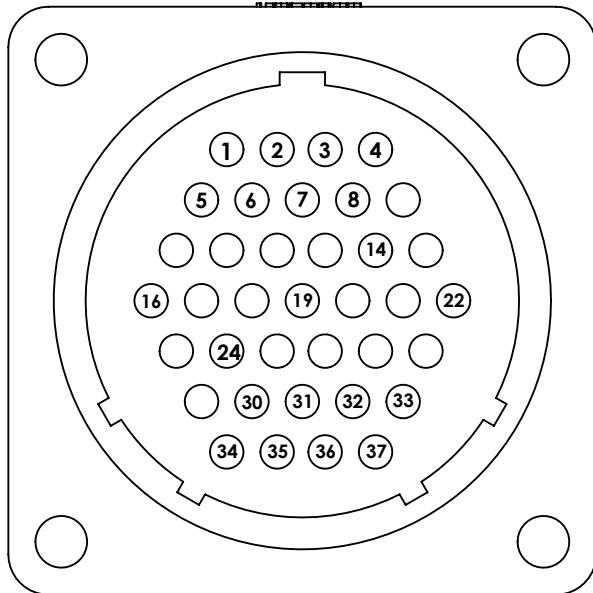


BENCH TRAY

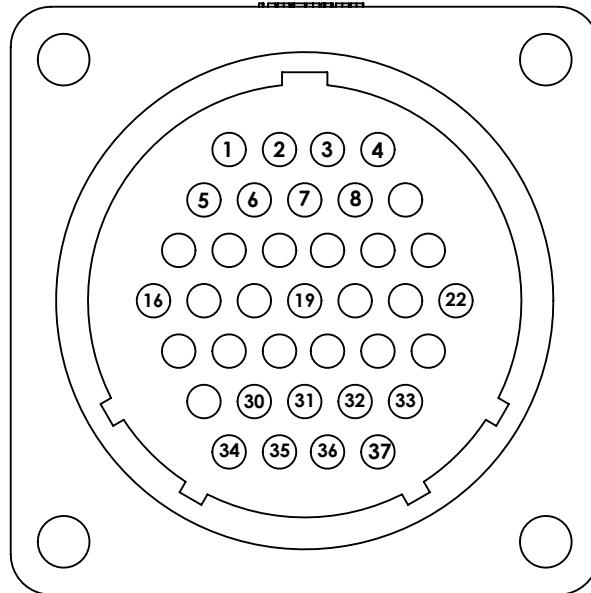
3400
WIRING

3400 WIRING

HARNESS CORD #1 / RECEPTACLE #1



HARNESS CORD #2 / RECEPTACLE #2



PIN#	COLOR	RECEPTACLE LOCATION	PLUG LOCATION
1	Blue	Lamp 1 Head End	Ballast 1-1
2	Yellow	Lamp 2 Head End	Ballast 1-2
3	Orange	Lamp 3 Head End	Ballast 1-3
4	Purple	Lamp 4 Head End	Ballast 1-4
5	Grey	Lamp 5 Head End	Ballast 1-5
6	Pink	Lamp 6 Head End	Ballast 1-6
7	Tan	Lamp 7 Head End	Ballast 1-7
8	Light Blue	Lamp 8 Head End	Ballast 1-8
9	Empty		
10	Empty		
11	Empty		
12	Empty		
13	Empty		
14	Red	Fan Circuit	Fan Term. Strip
15	Empty		
16	White/Red	Fan Circuit	Fan Term. Strip
17	Empty		
18	Empty		
19	Green	Ground	Ground
20	Empty		
21	Empty		
22	Black	Fan Circuit	Fan Term. Strip
23	Empty		
24	Empty		
25	Empty		
26	Empty		
27	Empty		
28	Empty		
29	Empty		
30	Blue	Lamp 1 Foot End	Capacitor 1-1
31	Yellow	Lamp 2 Foot End	Capacitor 1-2
32	Orange	Lamp 3 Foot End	Capacitor 1-3
33	Purple	Lamp 4 Foot End	Capacitor 1-4
34	Grey	Lamp 5 Foot End	Capacitor 1-5
35	Pink	Lamp 6 Foot End	Capacitor 1-6
36	Tan	Lamp 7 Foot End	Capacitor 1-7
37	Light Blue	Lamp 8 Foot End	Capacitor 1-8

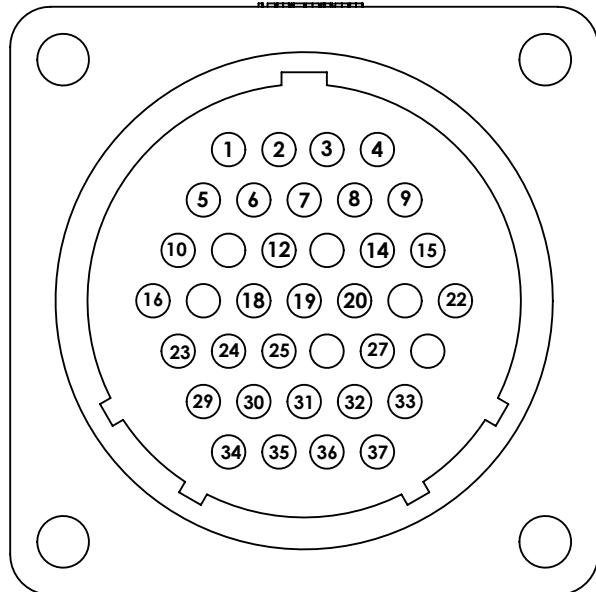
Lamp orientation is from FRONT of unit to BACK of unit (#1 through #8)

PIN#	COLOR	RECEPTACLE LOCATION	PLUG LOCATION
1	Blue	Lamp 9 Head End	Ballast 2-1
2	Yellow	Lamp 10 Head End	Ballast 2-2
3	Orange	Lamp 11 Head End	Ballast 2-3
4	Purple	Lamp 12 Head End	Ballast 2-4
5	Grey	Lamp 13 Head End	Ballast 2-5
6	Pink	Lamp 14 Head End	Ballast 2-6
7	Tan	Lamp 15 Head End	Ballast 2-7
8	Light Blue	Lamp 16 Head End	Ballast 2-8
9	Empty		
10	Empty		
11	Empty		
12	Empty		
13	Empty		
14	Empty		
15	Empty		
16	White/Red	Fan Circuit	Contactor-Fan
17	Empty		
18	Empty		
19	Green	Ground	Ground
20	Empty		
21	Empty		
22	Black	Fan Circuit	Contactor-Fan
23	Empty		
24	Empty		
25	Empty		
26	Empty		
27	Empty		
28	Empty		
29	Empty		
30	Blue	Lamp 9 Foot End	Capacitor 2-1
31	Yellow	Lamp 10 Foot End	Capacitor 2-2
32	Orange	Lamp 11 Foot End	Capacitor 2-3
33	Purple	Lamp 12 Foot End	Capacitor 2-4
34	Grey	Lamp 13 Foot End	Capacitor 2-5
35	Pink	Lamp 14 Foot End	Capacitor 2-6
36	Tan	Lamp 15 Foot End	Capacitor 2-7
37	Light Blue	Lamp 16 Foot End	Capacitor 2-8

Lamp orientation is from FRONT of unit to BACK of unit (#9 through #16)

3400 WIRING

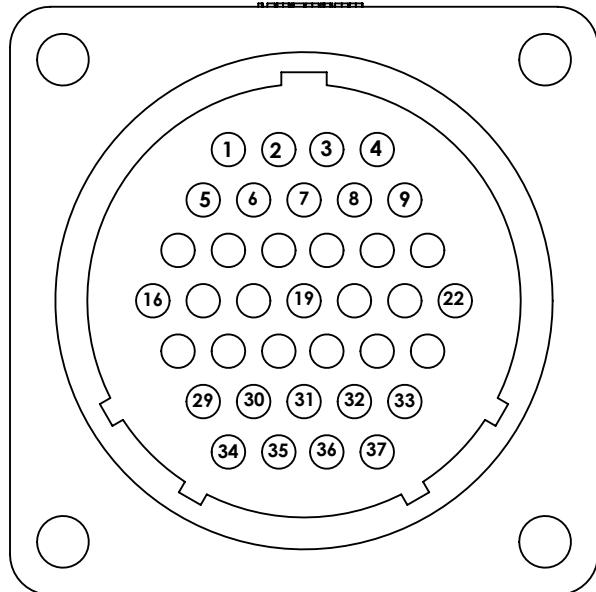
HARNESS CORD #3 / RECEPTACLE #3



PIN#	COLOR	RECEPTACLE LOCATION	PLUG LOCATION
1	Blue	Lamp 1 Head End	Ballast 3-1
2	Yellow	Lamp 2 Head End	Ballast 3-2
3	Orange	Lamp 3 Head End	Ballast 3-3
4	Purple	Lamp 4 Head End	Ballast 3-4
5	Grey	Lamp 5 Head End	Ballast 3-5
6	Pink	Lamp 6 Head End	Ballast 3-6
7	Tan	Lamp 7 Head End	Ballast 3-7
8	Light Blue	Lamp 8 Head End	Ballast 3-8
9	White/Orange	Lamp 9 Head End	Ballast 3-9
10	Red/Black*	Facial Ballast#1	Facial Ignitor#1
11	Empty		
12	Red/Yellow*	Facial Ballast#2	Facial Ignitor#2
13	Empty		
14	Red	Facial Fan	Facial Terminal
15	Red/Green*	Facial Ballast#3	Facial Ignitor#3
16	White/Red	Fan Circuit Ballast	Fan Terminal Strip
17	Empty		
18	Red/White	Contactor Facial Control	Common on Flag Switch
19	Green	Ground	Ground
20	Black/White	Facial Timer Switch	Open Flag Switch
21	Empty		
22	Black	Fan Circuit	Fan Terminal Strip
23	Black/Red*	Facial Terminal Strip	Facial Ignitor#1
24	White/Black	Fan Circuit	Contactor-Fan
25	Black/Yellow*	Facial Terminal Strip	Facial Ignitor#2
26	Empty		
27	Black/Green*	Facial Terminal Strip	Facial Ignitor#3
28	Empty		
29	Blue	Lamp 1 Foot End	Capacitor 3-1
30	Yellow	Lamp 2 Foot End	Capacitor 3-2
31	Orange	Lamp 3 Foot End	Capacitor 3-3
32	Purple	Lamp 4 Foot End	Capacitor 3-4
33	Grey	Lamp 5 Foot End	Capacitor 3-5
34	Pink	Lamp 6 Foot End	Capacitor 3-6
35	Tan	Lamp 7 Foot End	Capacitor 3-7
36	Light Blue	Lamp 8 Foot End	Capacitor 3-8
37	White/Orange	Lamp 9 Foot End	Capacitor 3-9

*If unit is equipped with 3 Facial Cassettes.
Lamp orientation is from FRONT of unit to BACK of unit (#1 through #9)

HARNESS CORD #4 / RECEPTACLE #4



PIN#	COLOR	RECEPTACLE LOCATION	PLUG LOCATION
1	Blue	Lamp 10 Head End	Ballast 4-1
2	Yellow	Lamp 11 Head End	Ballast 4-2
3	Orange	Lamp 12 Head End	Ballast 4-3
4	Purple	Lamp 13 Head End	Ballast 4-4
5	Grey	Lamp 14 Head End	Ballast 4-5
6	Pink	Lamp 15 Head End	Ballast 4-6
7	Tan	Lamp 16 Head End	Ballast 4-7
8	Light Blue	Lamp 17 Head End	Ballast 4-8
9	White/Orange	Lamp 18 Head End	Ballast 4-9
10	Empty		
11	Empty		
12	Empty		
13	Empty		
14	Empty		
15	Empty		
16	White/Red	Fan Circuit	Facial Term. Strip
17	Empty		
18	Empty		
19	Green	Facial Ignitor#3	Ground
20	Empty		
21	Empty		
22	Black	Facial Fan Switch	Facial Term. Strip
23	Empty		
24	Empty		
25	Empty		
26	Empty		
27	Empty		
28	Empty		
29	Blue	Lamp 10 Foot End	Capacitor 4-1
30	Yellow	Lamp 11 Foot End	Capacitor 4-2
31	Orange	Lamp 12 Foot End	Capacitor 4-3
32	Purple	Lamp 13 Foot End	Capacitor 4-4
33	Grey	Lamp 14 Foot End	Capacitor 4-5
34	Pink	Lamp 15 Foot End	Capacitor 4-6
35	Tan	Lamp 16 Foot End	Capacitor 4-7
36	Light Blue	Lamp 17 Foot End	Capacitor 4-8
37	White/Orange	Lamp 18 Foot End	Capacitor 4-9

*If unit is equipped with 3 Facial Cassettes.
Lamp orientation is from FRONT of unit to BACK of unit (#10 through #18)

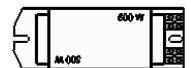
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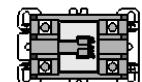
100 WATT BALLAST



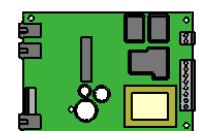
13.5 uf CAPACITOR



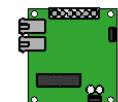
400 WATT BALLAST



40 AMP CONTACTOR



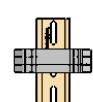
TIMER BOARD



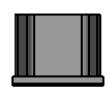
FAN CONTROL BOARD



TERM. STRIP



FUSE BLOCK



HOUR METER



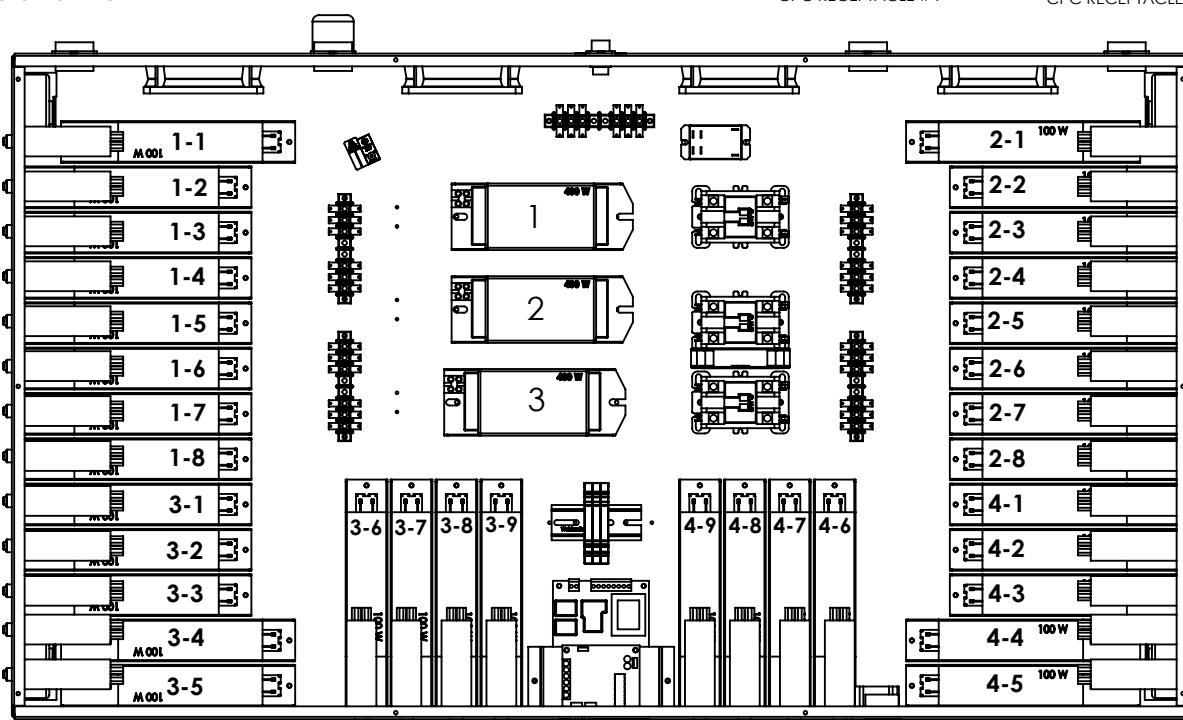
FAN RELAY

CPC RECEPTACLE #1

CPC RECEPTACLE #3

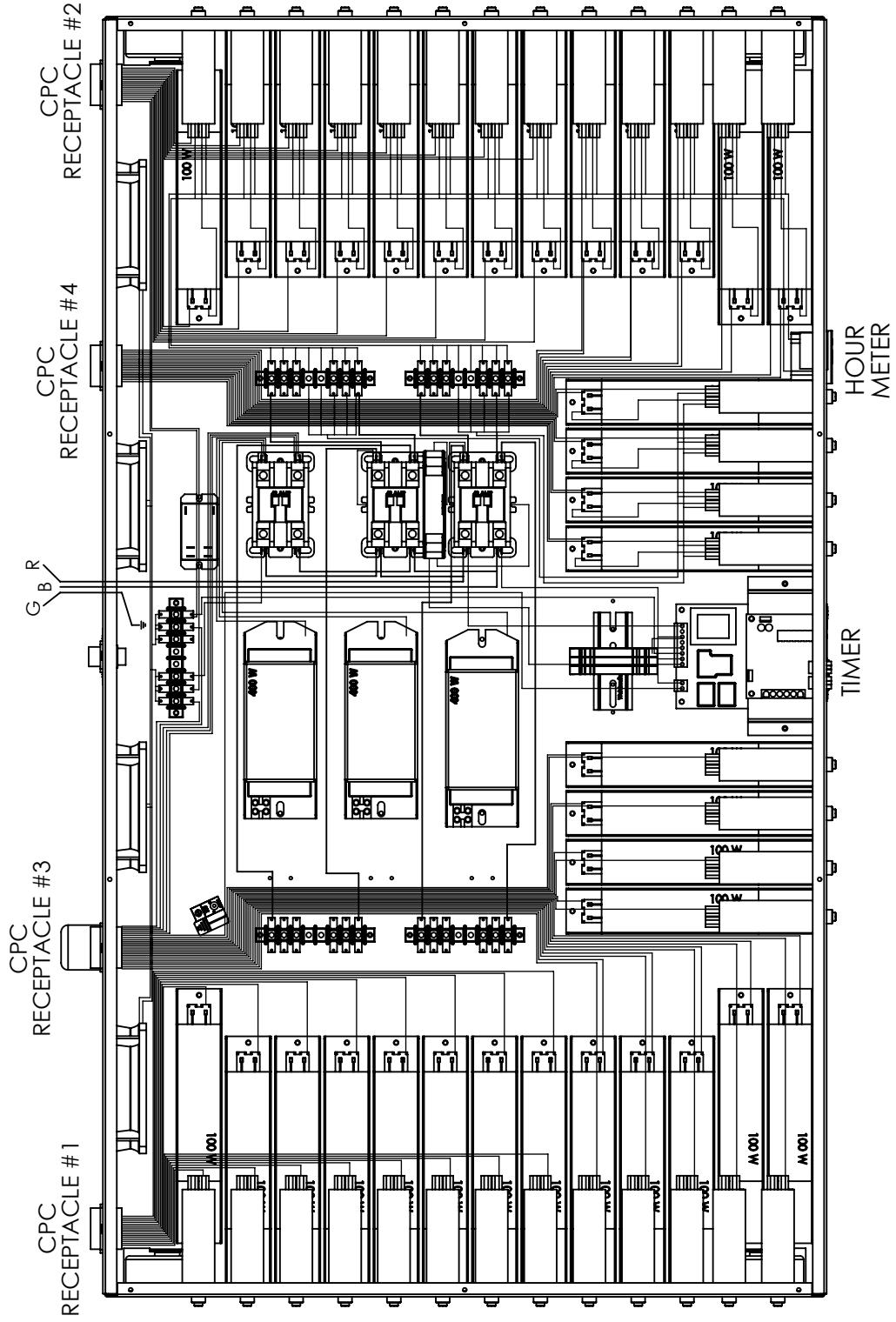
CPC RECEPTACLE #4

CPC RECEPTACLE #2



WIRING DIAGRAM

BACK OF BALLAST TRAY



FRONT OF BALLAST TRAY

LIMITED WARRANTY

Heartland Tanning, Inc. warrants its products to be free from defects in materials and workmanship under intended normal use as described in the unit's Operation and Instruction Manual, for a period of five (5) years from date of sale.

This Limited Warranty applies only to the original purchaser of the equipment through Heartland Tanning, Inc. or its authorized dealer or distributor, and is not transferable.

Heartland Tanning, Inc.'s obligations under this warranty are limited to repair or replacement of any defective part without charge for that part to the original purchaser, with the following exceptions:

- A. Low Pressure tanning lamps are warranted against defects for a period of sixty (60) days from date of sale.
- B. High Pressure tanning lamps are warranted against defects for a period of thirty (30) days from date of sale
- C. Five (5) year Limited Warranty on parts. Only parts obtained through Heartland Tanning, Inc., its authorized dealers or distributors may be used. Transportation cost for parts shipped to the consumer and the return of defective parts to Heartland Tanning, Inc. are not included
- D. Labor will be furnished without charge for one hundred eighty (180) days from the date of purchase. All labor and related charges must be authorized by Heartland Tanning, Inc. prior to start of repairs and must coincide with Heartland Tanning, Inc. established rates and time allotment policy.
- E. All fans are warranted against defects for a period of five (5) years from date of sale.
- F. Timer system warranted for one (1) year.
- G. Acrylic warranted for twelve (12) months prorated.
- H. Springs warranted for twelve (12) months.
- I. Filter glass warranted for twelve (12) months.

It is imperative that the original customer completes and returns the enclosed warranty card within ten (10) days after purchase to insure valid registration and coverage for potential claims.

If the warranty card is not registered, proof of purchase from Heartland Tanning, Inc. or its authorized dealer or distributor will be required prior to any consideration on warranty claims. This could result in service delays.

This warranty is extended to the individual or legal entity, whose name appears on the warranty registration card filed with Heartland Tanning, Inc., or whose name appears on the original sale document and may not be transferred to any other individual or legal entity.

This warranty does not apply to any failure of the product or any parts of the product due to alterations, modifications, misuse, abuse, accident, improper maintenance, improper installation or if the serial number on the product has been removed, altered, or defaced. Adequate packaging must be used for returned goods to prevent freight damage.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND HEARTLAND TANNING, INC. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO OBLIGATE HEARTLAND TANNING, INC. FOR ANY LIABILITY IN CONNECTION WITH THE SALE OR USE OF THESE GOODS.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

NOTICE: Any misuse, abuse, modifications, alteration, improper installation, etc. of this product or its intended use will subject said party to direct responsibility for any and all consequences resulting from such action. Furthermore, such actions will void all warranties and may relieve Heartland Tanning, Inc. of any liabilities relating to said product.