HEARTLAND
America's Best Tan™

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

2m™

SUNDAZZLER™

Owner & Assembly Manual
America's Best Tan™ 2M and Sundazzler™
Les Spécifications Françaises Enclos

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America's Best Tan™

Welcome

Dear Valued Customer:

Congratulations! You have just purchased one of the finest pieces of tanning equipment available to the indoor tanning industry. We at Heartland Tanning, Inc. sincerely appreciate your business.

The 2M, Sundazzler™ tanning booths are manufactured right here in the heart of our country. Our tanning booths are constructed of 12GAUGE solid steel and is designed to hold up under heavy use. We have confidence in our manufactured products and that is why our equipment is backed by Heartland's unprecedented 5 year limited warranty. Designed to be user friendly, the 2M and Sundazzler™ are easy to assemble and maintain.

Please read your owner & assembly manual thoroughtly prior to the first use of your new tanning booth.

Heartland Tanning, Inc.
4251 N.E. Port Drive
Lee's Summit, MO 64064
1-800-554-8268

America's Best Tan™

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.

SPECIFICATIONS

2M BOOTH
50 Lamp Heartland Rave 200 watt system - 9 minute session
50 Heartland Rave 180 APR lamps
T-Max timer on board (T-Max wireless compatible)
1200 CFM fan on top for body cooling
(2) 550 CFM fans driving the air-flow floor system for the body
*70 AMP rated single phase, 220 – 240 volt with ground required
(for optimum performance, running voltage should be 220 – 240)
*51 AMPS initial start up, 52 AMPS running @ 220 VAC
2.0 KVA Buck/Booster transformer required if outside 220 – 240 VAC
7' X 7' minimum room size required without dressing room
2 Ton (24,000 BTU) minimum A/C dedicated to room
Without dressing room:
Shipping Weight: 1316lbs
Dimensions: 62"W X 68"D X 95"H
Optional: With dressing room
Shipping weight: 1689lbs
Dimensions: 70"W X 95"D X (allow 20" for complete door swing)

*NOTE: Amperage will vary depending on voltage.
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 long-term injury to 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.

This system is intended to be used only with Rave 180 APR #1842 180W lamps.
Follow recommended exposure schedule for the skin type.

RECOMMENDED EXPOSURE SCHEDULE					
Skin Type	Week 1 1st - 3rd Treatments	Week 2 4th - 6th Treatments	Week 3 7th - 10th Treatments	Week 4 11th - 15th Treatments	Weekly Subsequent Treatments
II - Fair	2MINUTES	3MINUTES	5MINUTES	7MINUTES	7MINUTES
III - Average	2MINUTES	3MINUTES	5MINUTES	7MINUTES	7MINUTES
IV - Brown	2MINUTES	5MINUTES	7MINUTES	9MINUTES	9MINUTES
V - Dark Brown	2MINUTES	5MINUTES	7MINUTES	9MINUTES	9MINUTES

This unit utilizes UVA lamps. Replace only with **Rave 180 APR #1842 180W lamps.** To obtain the recommended exposure position of 6" (15.2 CM) measured with a standard ruler, stand in the center of the unit. **Caution: The use of any other position may result in overexposure.** Read the instruction booklet before using this devise.

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

INSTRUCTIONS ACCOMPANYING THIS PRODUCT SHOULD ALWAYS BE FOLLOWED TO AVOID OR MINIMIZE POTENTIAL INJURY.

"This product is in conformity with performance standards for sunlamp products under CFR part 1040"

EXPOSURE TIME AND FREQUENCIES

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 2M tanning booth is a deep, rich "COSMETIC" tan. However, regardless of how dark an individual may tan on this system, it will not provide adequate protections against overexposure to natural sunlight or UVB tanning systems.

SKIN TYPE II -   This is the individual that usually burns easily and severely, tans minimally or lightly and peels
SKIN TYPE III - Often referred to as "AVERAGE" complexion, burns moderately and tans about average
SKIN TYPE IV - This individual burns minimally, tans easily and above average with each exposure
SKIN TYPE V -   This individual's system rarely burns, tans easily and substantially

RECOMMENDED EXPOSURE SCHEDULE

Skin Type	Week 1 1st - 3rd Treatments	Week 2 4th - 6th Treatments	Week 3 7th - 10th Treatments	Week 4 11th - 15th Treatments	Weekly Subsequent Treatments
II - Fair	2MINUTES	3MINUTES	5MINUTES	7MINUTES	7MINUTES
III - Average	2MINUTES	3MINUTES	5MINUTES	7MINUTES	7MINUTES
IV - Brown	2MINUTES	5MINUTES	7MINUTES	9MINUTES	9MINUTES
V - Dark Brown	2MINUTES	5MINUTES	7MINUTES	9MINUTES	9MINUTES

MAXIMUM EXPOSURE TIME IS 9 MINUTES

No two individuals skin tones are the same. A tan to one person may be different to another and treatment length may vary.

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.

It is recommended that you do not use any creams, oils or lotions (particularly suntan lotions) that are not recommended by Heartland Tanning, Inc. Equally important – many facial makeups have oil bases and 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.

Caractéristiques

2M BOOTH

longueur :	60 pouces de largeur par 54 pouces de profondeur
hauteur :	95 pouces
poids d'expédition :	1316 livres
nombre de lampes :	50
Voltage Recommande:	230 - 240
aspiration électrique :	52 ampères à 220 volts*
circuit requis :	220 volts, 2 poteau, briseur de de 60 ampères

*NOTE: Amperage will vary depending on voltage.

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 entraîter de graves brûlures ou des lésions oculaires à long terme.**

Les médicaments ou les produits de beauté peuvent augmenter votre sensibilité au rayonnement ultra-violet. 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'ultra-violet A. Remplacez seulement avec les lampes de marque **Rave 180 APR #1842 180W.** La position minimum d'exposition est à 0,5 pouces 1,27 cm) de la sur-face de la lampe (instituez par le manufacturier). Lisez le livret d'instruction avant d'utiliser ce dis-positif. 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 protec-**

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	2 MINUTES	3 MINUTES	5 MINUTES	7 MINUTES	7 MINUTES
III – Moyen	2 MINUTES	3 MINUTES	5 MINUTES	7 MINUTES	7 MINUTES
IV – Foncé	2 MINUTES	5 MINUTES	7 MINUTES	9 MINUTES	9 MINUTES
V – Très foncé	2 MINUTES	5 MINUTES	7 MINUTES	9 MINUTES	9 MINUTES

LE TEMPS MAXIMUM D'EXPOSITION EST DE 9 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.

SPECIFICATIONS

SUNDAZZLER 46

46 Lamp Heartland Rave system - 11minute session
46 Heartland Rave 160 APR 160 watt lamps
T-Max Timer on board (T-Max wireless compatible)
1200 CFM fan on top for body cooling
(2) 550 CFM fans driving the air-flow floor system for the body
*60 AMP rated single phase, 220 – 240 volt with ground required
(for optimum performance, running voltage should be 230 – 240)
*38 AMPS initial start up, 38 AMPS running @ 220 VAC
1.5 KVA Buck/Boost transformer required if outside 220 – 240 VAC
7' X 7' minimum room size required without dressing room
11/2 Ton (18,000 BTU) minimum A/C dedicated into room
Without dressing room:
Shipping weight: 1166lbs
Dimensions: 62"W X 64"D X 92"H
Optional dressing room:
Shipping Weight: 1509lbs
Dimensions: 70"W X 91"D (allow 20" for complete door swing)

*NOTE: Amperage will vary depending on voltage.
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 long-term injury to 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.

This system is intended to be used only with Rave 160 APR #1841 160W lamps.
Follow recommended exposure schedule for the skin type.

RECOMMENDED EXPOSURE SCHEDULE

Skin Type	Week 1 1st - 3rd Treatments	Week 2 4th - 6th Treatments	Week 3 7th - 10th Treatments	Week 4 11th - 15th Treatments	Weekly Subsequent Treatments
II - Fair	2MINUTES	3MINUTES	5MINUTES	9MINUTES	11MINUTES
III - Average	2MINUTES	3MINUTES	5MINUTES	9MINUTES	11MINUTES
IV - Brown	2MINUTES	5MINUTES	7MINUTES	11MINUTES	11MINUTES
V - Dark Brown	2MINUTES	5MINUTES	7MINUTES	11MINUTES	11MINUTES

This unit utilizes UVA lamps. Replace only with **Rave 160 APR #1841 160W lamps**. To obtain the recommended exposure position of 6" (15.2 CM) measured with a standard ruler, stand in the center of the unit. **Caution: The use of any other position may result in overexposure.** Read the instruction booklet before using this devise.

Tanning can begin on a regular basis. An appearance of tanning 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.

INSTRUCTIONS ACCOMPANYING THIS PRODUCT SHOULD ALWAYS BE FOLLOWED TO AVOID OR MINIMIZE POTENTIAL INJURY.

"This product is in conformity with performance standards for sunlamp products under CFR part 1040"

EXPOSURE TIME AND FREQUENCIES

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 Sundazzler™ 46 is a deep, rich "COSMETIC" tan. However, regardless of how dark an individual may tan on this system, it will not provide adequate protections against overexposure to natural sunlight or UVB tanning systems.

SKIN TYPE II -   This is the individual that usually burns easily and severely, tans minimally or lightly and peels
SKIN TYPE III - Often referred to as "AVERAGE" complexion, burns moderately and tans about average
SKIN TYPE IV - This individual burns minimally, tans easily and above average with each exposure
SKIN TYPE V -   This individual's system rarely burns, tans easily and substantially

RECOMMENDED EXPOSURE SCHEDULE					
Skin Type	**Week 1** **1st - 3rd** **Treatments**	**Week 2** **4th - 6th** **Treatments**	**Week 3** **7th - 10th** **Treatments**	**Week 4** **11th - 15th** **Treatments**	**Weekly** **Subsequent** **Treatments**
II - Fair	2 MINUTES	3 MINUTES	5 MINUTES	9 MINUTES	11 MINUTES
III - Average	2 MINUTES	3 MINUTES	5 MINUTES	9 MINUTES	11 MINUTES
IV - Brown	2 MINUTES	5 MINUTES	7 MINUTES	11 MINUTES	11 MINUTES
V - Dark Brown	2 MINUTES	5 MINUTES	7 MINUTES	11 MINUTES	11 MINUTES

MAXIMUM EXPOSURE TIME IS 11 MINUTES

No two individuals skin tones are the same. A tan to one person may be different to another and treatment length may vary.

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.

It is recommended that you do not use any creams, oils or lotions (particularly suntan lotions) that are not recommended by Heartland Tanning, Inc. Equally important – many facial makeups have oil bases and 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.

Caractéristiques

SUNDAZZLER 46

longueur :	60 pouces de largeur par 54 pouces de profondeur
hauteur :	92 pouces
poids d'expédition :	1166 livres
nombre de lampes :	46
Voltage Recommande:	230 - 240
aspiration électrique :	38 ampères à 220 volts*
circuit requis :	220 volts, 2 poteau, briseur de de 50 ampères

*NOTE: Amperage will vary depending on voltage.

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 entraîter 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'ultra-violet A. Remplacez seulement avec les lampes de marque Rave 160 APR #1841 160W. 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 protectrice 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	2 MINUTES	3 MINUTES	5 MINUTES	9 MINUTES	11 MINUTES
III – Moyen	2 MINUTES	3 MINUTES	5 MINUTES	9 MINUTES	11 MINUTES
IV – Foncé	2 MINUTES	5 MINUTES	7 MINUTES	11 MINUTES	11 MINUTES
V – Très foncé	2 MINUTES	5 MINUTES	7 MINUTES	11 MINUTES	11 MINUTES

LE TEMPS MAXIMUM D'EXPOSITION EST DE 11 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.

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 kinds. Doctors will advise persons taking these drugs of possible adverse effects.

It is recommended that only one (1) person at a time should use the tanning system while in use, and advise using protective eyewear while taking a tanning session. Two (2) pair of goggles are provided with each 2M, SUNDAZZLER™ 46.

WARNING

If you have been diagnosed by 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 over-exposure.

2. **You can not vary the strength of the lamps in your unit.**

Should you have any question regarding the proper use of your tanning system, contact
Heartland Tanning, Inc. at:

1-800-554-8268
8:00AM to 5:00PM (CST)

CARE AND CLEANING OF YOUR 2M AND SUNDAZZLER™ 46

After each session is completed, spray the booth floor with Acrylic Cleaner, a specially formulated UVT (ultra-violet transmitting) Acrylic Cleaner. Spray and clean the acrylic. Wipe the floor and 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.

For maximum efficiency of your 2M, SUNDAZZLER™ 46 periodic cleaning of lamps is required. Refer to relamping instructions for acrylic removal.

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

DO NOT USE ALCOHOL

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.

RELAMPING INSTRUCTIONS

2M, SD-46,
1. Disconnect power from unit.
2. Remove acrylic strips and slide acrylic out of the unit.
3. Turn the bi-pin lamp and remove from lampholder.
4. Align the bi-pin lamp and slide the top and bottom into the lampholder. REMEMBER: The lamps are REFLECTOR LAMPS, make sure the lamp is turned so the reflector is facing the back of the unit. To ensure the reflector is facing the back always have the label on the lamp facing the user.
5. Clean and replace acrylic. (Refer: Care and cleaning instructions.)
6. Reconnect unit to power.

LAMP GUIDE
SD46 - Replacement lamps must comply with CFR 21 1040.20
1. Replace only with Rave 160 APR #1841 160W
2. When ordering lamps, include model number and serial number.
2M - Replacement lamps must comply with CFR 21 1040.20
1. Replace only with Rave 180 APR #1842 180W
2. When ordering lamps, include model number and serial number.

USE AND GUIDE TO TIMER SYSTEM

The information in this manual is believed to be correct. However, Applied Digital, Inc. assumes no responsibility for any errors herein. This information is subject to change without notice, and should not be construed as a commitment by Applied Digital, Inc. A factory 3 second delay between all functions is standard on all Ovation™ beds.

TIMER WARRANTY

This product is warranted against defective materials and workmanship for a period of one year form date of purchase. In the event the product fails to perform, it may be returned; Shipping Paid, to the factory to be serviced or replaced at the factory's discretion. Applied Digital, Inc. will pay to ship the repaired or replaced product by the shipping means of our choosing. Returns will not be accepted without a Return Authorization Number assigned by the factory. It is a Condition of Sale that the user of Applied Digital, Inc.'s products assumes all risk and responsibility of use and indemnifies Applied Digital, Inc. against all damages. Applied Digital Inc. is not liable for loss of profits, loss savings, special, incidental, consequential, indirect or other similar damages arising form breach of warranty, breach of contract, negligence, or other legal action even if Applied Digital, Inc. or its agent has been advised of the possibility of such damages, or for any claim brought against you by another party. This warranty allocates risks of product failure between the Purchaser and Applied Digital, Inc. Applied Digital, Inc.'s hardware pricing reflects this allocation of risk and the limitations of liability contained in this warranty. it is a violation of the stated warranty to cut or modify the provided modular cables supplied with the T-Max Series Timers. Connection the T-Max Series to third party timers not approved by Applied Digital, Inc. also violates the stated warranty. Contact your dealer or Applied Digital, Inc. if you are not sure if the timer that you are connection is an approved timer.

T-Max/004 OEM Installation and User's Guide

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 1A or T-Max 3A for remote front desk control or be connected with many Heartland Timers and a T-Max Manager or Manager/Plus 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 and multiple Heartland Timers, remove power form the T-Max Manager or T-Max Manager/Plus and keep the power removed until all parameter changes are complete.
>
> 1. Press and hold the Start/Stop and the Up buttons simultaneously on the Heartland Timer. As soon as you see a ".1" 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 buttons 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 tow numbers-three times, then two numbers-three times, pause, two numbers-three times, two numbers-three times, pause, etc. For example, if you are checking lamp hours (Parameter 6) and the display flashes the numbers 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 buttons 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 change and a solid period in the lower center of the display. You may now change another parameter by pressing the Up and Down buttons 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 the both 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 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 is 254.

3. Press the Up or Down buttons 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.#	Description	Max #	Default	Notes
Salon Level				
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 counts for Heartland Timer Counts
6	Lamp Hours	65535	0	Bulb hours for each bed
7	Bed Hours	65535	0	How may hours a bed is on
8	Manual Session Counts	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 Enabled. 1 = Disabled
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 5 minutes
15	Fixed Session	65535	0	Counts number of sessions ran through the TMax® 3A. This value cannot 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 for 1-2 seconds then open.
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,m 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 Part 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. Used is the 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 1A, T-Max 3A, T-Max Manager or T-Max Manager/Plus, 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 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 that 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.

Canceling 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 or T-Max 1A. Connect the modular cable to one of the RJ-22 ports on the Heartland Timer and T-Max 1A or T-Max 3A (see RJ-22 ports for T-Max Series timers on page 16, 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 T-Max 1A or 3A must be off.

Session Control

Starting a session
1. Press the Up and 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.

Pause during the Session

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

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

Canceling a session

To cancel a session, press both the Start/Stop band Up button on the T-Max 3A at the front desk simultaneously. If you are using a T-Max 1A, press the Start/Stop and the Set buttons 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, follow these instructions for proper operation:

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.

Connect each Heartland Timer together using a modular cable that conforms to the pinouts shown on Figure B. Connect T-Max Manager or T-Max Manager/Plus to the closest Heartland Timer in the line (refer to Figure C).
Note: Delay is controlled by the T-Max Manager, the T-Max Manager/Plus 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 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 period disappear and a "0" appears. To disable the clean room feature, set parameter 9 to a 0.

Lamp Hours
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:

1. There are three wires coming from the FST series timer. Two are the actuator wires connected to the signal input. Connect the third wire to one of the switch terminals. Make sure J6 and J7 are on and J4 and J5 are off.

2. Run a jumper from the black actuator wire connected to the other switch screw terminal.

Database:
There are four wires coming from the database series timer. Two are the actuator wires connected to the signal input. Connect the two other wires to the TPI relay output terminal J1. 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 time 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.

Cool down mode

Cool down mode is the time the bed needs to cool down after a session has ended. The Factory default setting is 3 minutes.

1. Connect the wires that control the fans to the headers on the back of the Heartland timer.

2. Set parameter 13 to the desired cool down time.
   After a session has ended the display will show a single period in the middle of the display. The period will remain until the cool down time has elapsed. The display will then show a 0.

Note: If both cool down time and clean room are enabled, the clean room will be displayed. If the clean room indication is cleared before the cool down time has expired, the cool down indication will be displayed. If the cool down time has elapsed before the clean room indication has been cleared , the clean room indication will remain until it is cleared.

Figure A - Front View Of The Heartland Timer

Time   Facial
ON/OFF
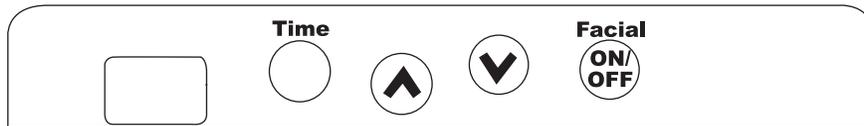
12' modular cable to power board

Display Board Front View

Note: D6 - Run and communications indication lights. Will flash at a once per second rate when operating a stand alone mode. When flashing rapidly the communications are active (either with a T-Max® Manager or Master T-Max® 3A). Will stay on solid if timer is in TPI mode.

D5 - Power indication.

RJ-22 Connector to Display Board

110V
Not Used
110V
Not Used
Fans
Lamps

J4
J6
J7
J5

Switch output for TPI

Signal input for TPI
(5 or 24 volt imput or contact closure)

Optional analog inputs

16C73A/30

Light indicators (D6 and D5, See Note)

RJ-22 (6 POS.) FOR T-MAX® WI-FI

Facial Connector

75176

RJ-22 for T-Max® Series Timers
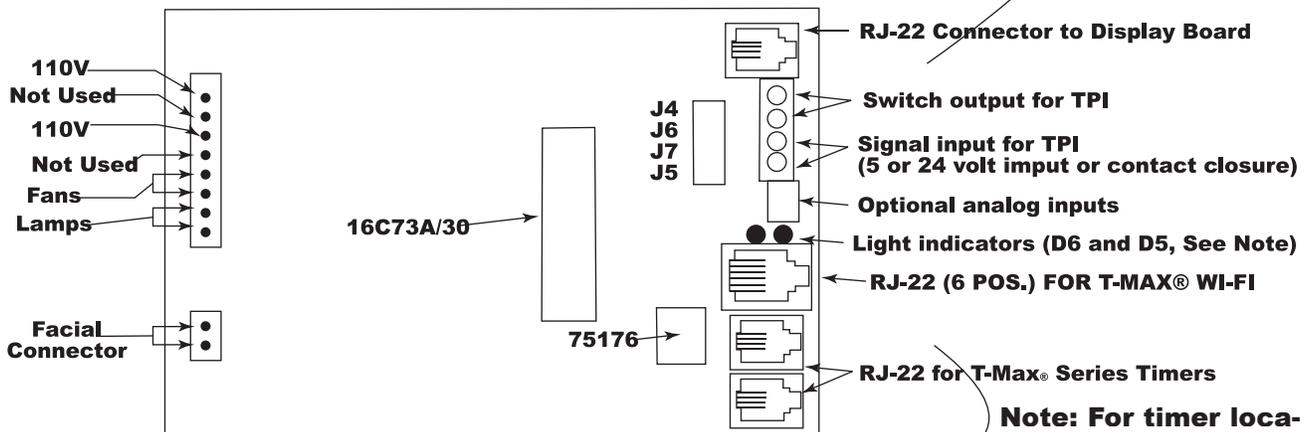
Figure B - Power Board Location

Note: For timer location see specifications - wiring diagram ballast box for your model.

T-Max Remote or T-Max Manager/ Plus/Pro

20 T-Max Series Timers

FIGURE C - Connecting the Heartland Timer to a T-Max® Series

Front Desk Location

T-Max® Manager/Plus (or T-Max® Manager)

UNIT 7
ON 1:12

T-Max Manager Plus !

Optional Computer

Tanning Room #1

Tanning Room #2

Tanning Room #3

Tanning Room #4

Tanning Room #5

Tanning Room #6

Tanning Room #7

Tanning Room #8

Tanning Room #9

Tanning Room #10

50' modular cables w/RJ-22 connectors are used to connect the series as shown.
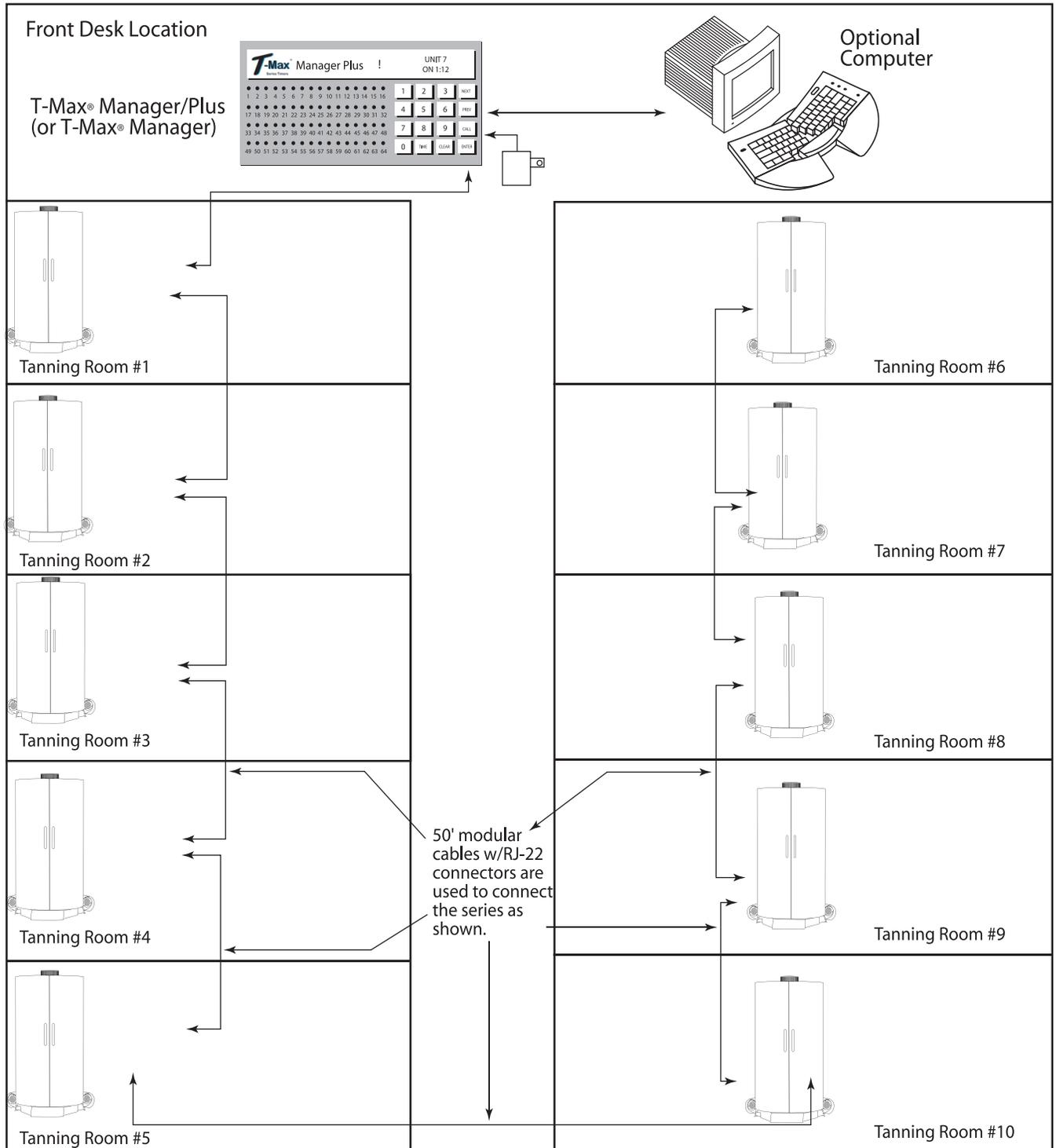
It does not matter in which order the rooms are connected. The only requirement is that there is a continuous connection from the T-Max® Manager through each room in the T-Max® Series daisy-chain.

ASSEMBLY INSTRUCTIONS

1/2" BOLTS
STEP 2

1/2" BOLTS
STEP 2

LOWER LOUVERED PANEL
STEP 1

LOWER LOUVERED PANEL
STEP 1

UNIT

ALIGNMENT HOLE
STEP 2

BASE

ALIGNMENT PIN
STEP 1

ASSEMBLY INSTRUCTIONS

3/8" X 1" HEX BOLTS

WASHER

HINGE BRACKET

TOP OF UNIT

FIG. 3
STEP 4

HINGE BRACKET ON TOP OF UNIT

PIN ON DOOR

FIG. 2
STEP 4

PIN ON DOOR

BUSHING ON SIDE OF UNIT FLOOR

ADJUSTMENT PLATE

FIG. 1
STEP 3
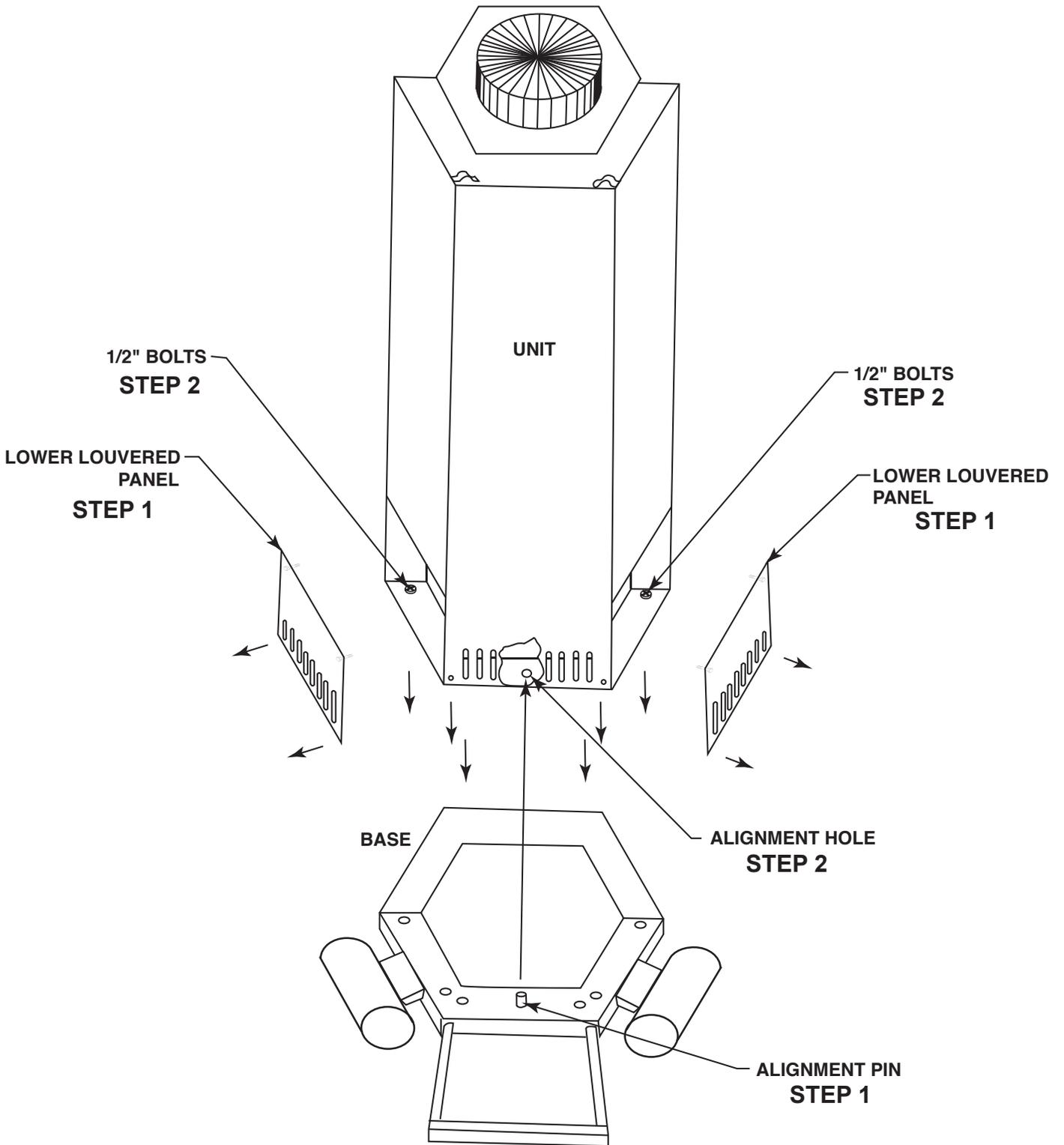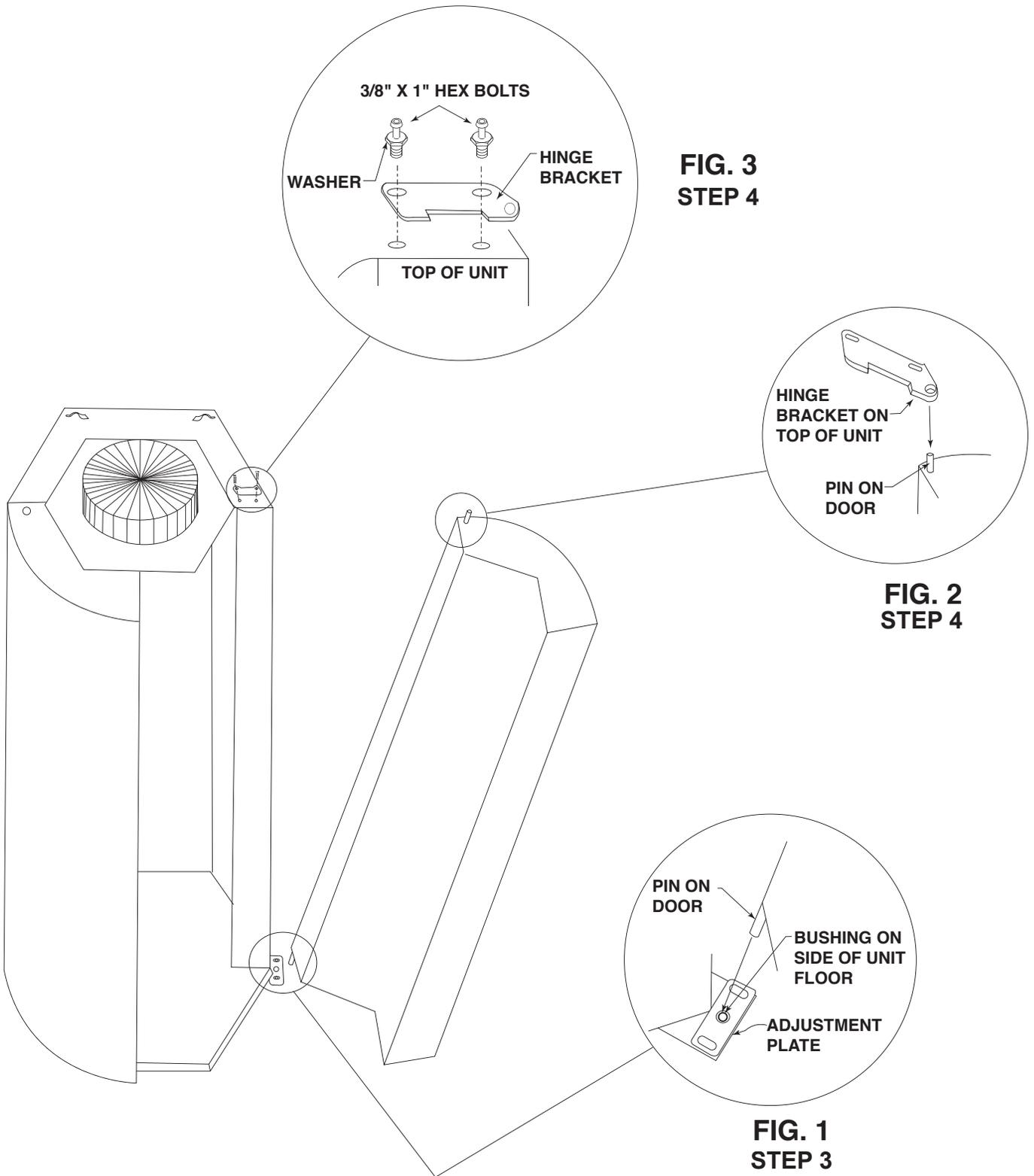
2M - SUNDAZZLER™ 46 ASSEMBLY INSTRUCTIONS

TOOLS YOU WILL NEED:
A. 3/4 SOCKET
B. 9/16 SOCKET
C. 3/8 SOCKET
D. 2 - 9/16 OPENED END WRENCHES
E. POWERED SCREW GUN WITH #2 PHILLIPS BIT
F. TWO (2) PEOPLE

STEP 1:   REMOVE LOWER LOUVERED PANELS FROM BACK OF UNIT.

STEP 2:   ALIGN BACK OF UNIT WITH ALIGNMENT PIN AS SHOWN IN DRAWING BELOW. USING 1/2" BOLTS AND 3/4" SOCKET, ATTACH BACK TO BASE.

NOTE: IF YOU ARE INSTALLING THE 2M DRESSING ROOM OPTION MOVE FORWARD TO PAGE 30 AT THIS TIME. DO NOT PROCEED TO STEP 3.

STEP 3: REMOVE TOP HINGE BRACKET FROM UNIT. SLIDE PIN ON BOTTOM OF DOOR INTO BUSHING ON SIDE OF UNIT FLOOR AS SHOWN IN (FIG #1).

STEP 4:   SLIDE BRACKET OVER PIN ON TOP OF DOOR AS SHOWN IN (FIG #2). BOLT BRACKET TO UNIT AS SHOWN IN (FIG #3), USING SAME 3/8" x 1" HEX BOLTS. (HINT: FINGER TIGHTEN BOLTS - DO NOT TIGHTEN ALL THE WAY). DO THE SAME TO THE OTHER DOOR.

STEP 5:   ALIGN SEAMS ON DOORS AND HOLD SECURE WITH 9/16 SOCKET WHILE ANOTHER PERSON TIGHTENS HEX BOLTS. ADJUSTMENT MAY BE NECESSARY ON BOTTOM OF DOOR USING 9/16 OPEN END WRENCH ON THE ADJUSTMENT PLATE.

STEP 6:   USING CORD CLAMPS ON TOP OF BACK SECTION OF UNIT, USE 3/8 SOCKET TO LOOSEN CORD CLAMPS FOR PROPER LOCATION. **MAKE SURE YOU LEAVE SLACK ABOVE THE UNIT AS SHOWN FOR PROPER DOOR MOVEMENT.**

STEP 7:   HOOK UP CORDS TO BALLAST BOX MATCHING APPROPRIATE NUMBERS.

WARNING: TO INSURE PROPER INSTALLATION OF CORDS. TIGHTEN CORDS UNTIL THEY LOCK.

STEP 8:   HOOK UP CORDS FORM BASE FANS TO RECEPTACLES LOCATED ON EACH SIDE OF THE BALLAST BOX.

STEP 9: INSERT FLOOR INTO BASES BY SLIDING FLOOR UNDER THE SUNDAZZLER BACK.

STEP 10: ATTACH RAMP TO BASE BY SLIDING THE RAMP LIP INTO THE FRONT EDGE OF THE BASE.

SLACK IN CORD

SLACK IN CORD

CLAMP CORD TO
TOP OF UNIT

3/8" SCREW

BACK OF UNIT

PLUGS

2   4 3   1

BASE FAN
CORDS

BASE FAN
CORDS

Floor

Base

Ramp Lip

Step Up

Ramp
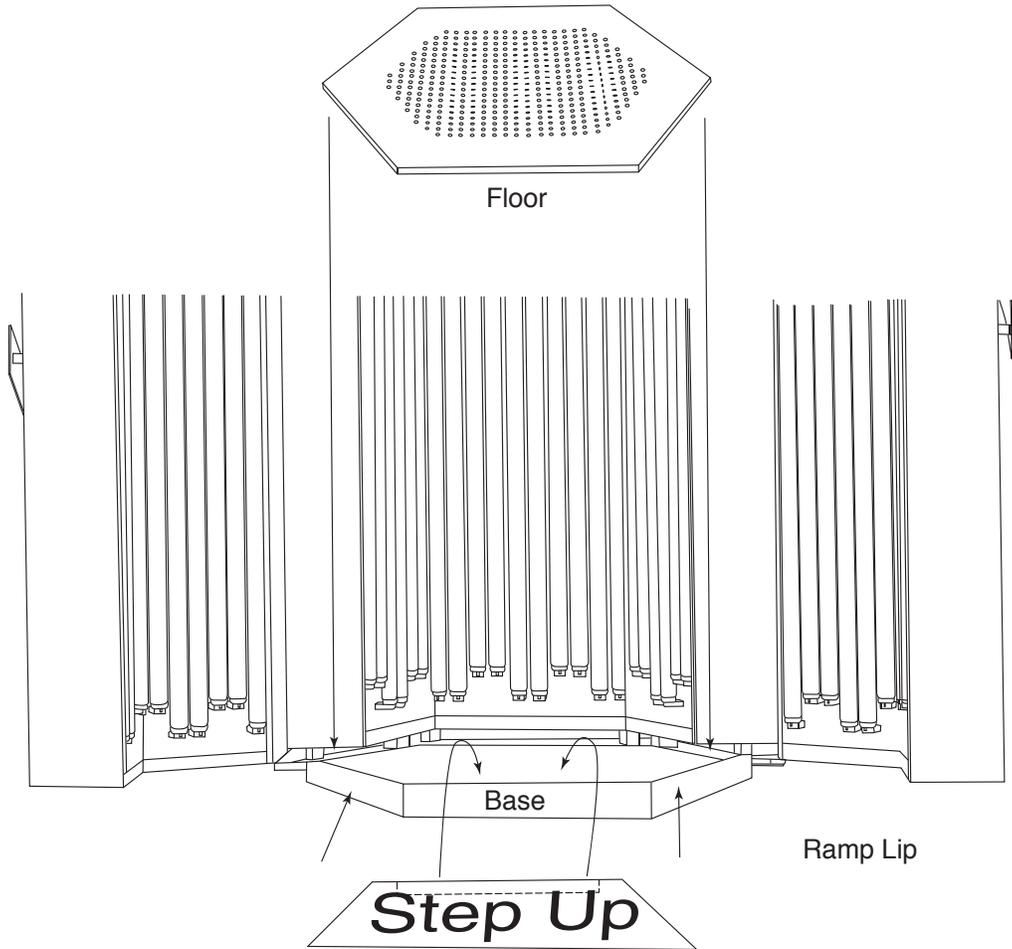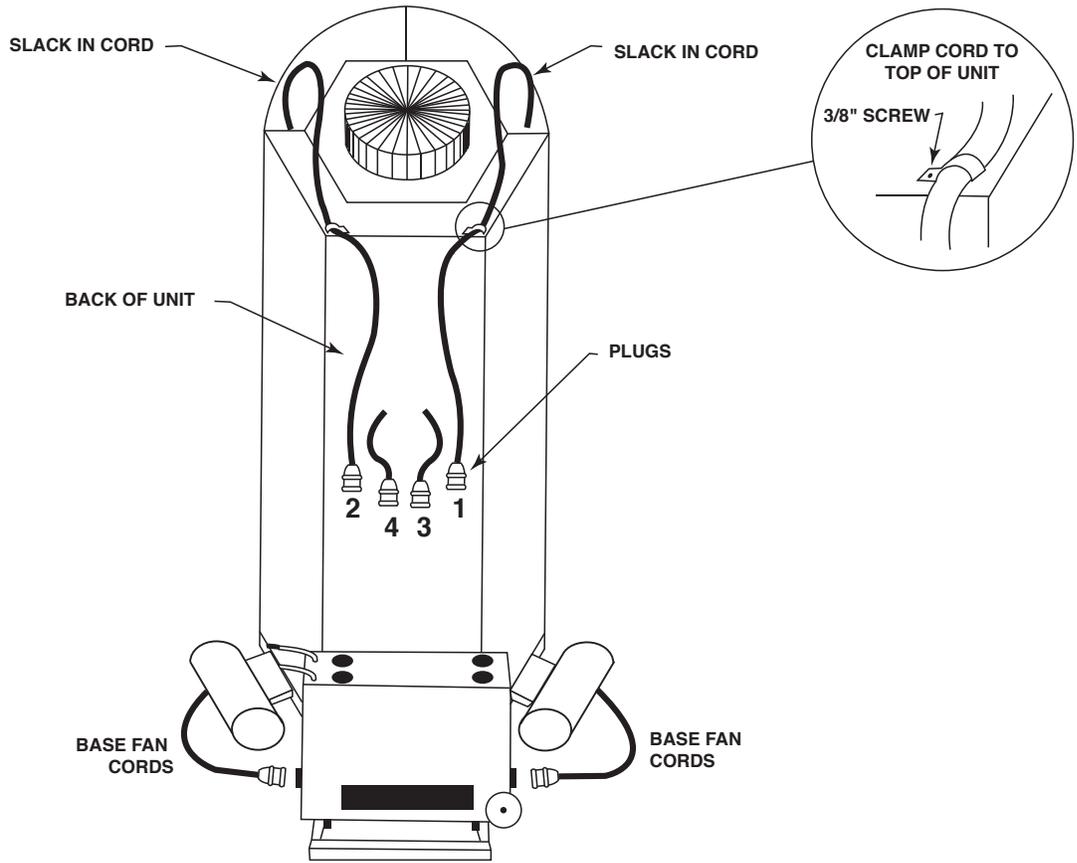
2M, SUNDAZZLER™ HARNESS CORDS/RECEPTACLES

CORD #1 / RECEPTACLE #1
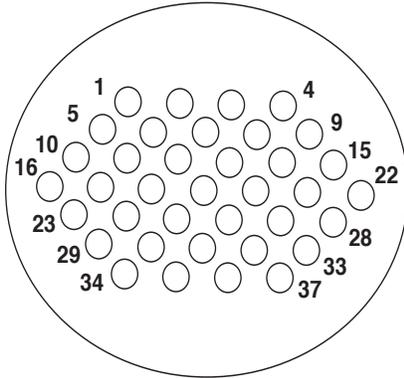
PIN#	COLOR	DESTINATION
1	Blue	bal 1-1, L-door 1st lamp from left to right (top)
2	Yellow	bal 1-2, L-door 2nd lamp from left to right (top)
3	Orange	bal 1-3, L-door 3rd lamp from left to right (top)
4	Purple	bal 1-4, L-door 4th lamp from left to right (top)
5	Grey	bal 1-5, L-door 5th lamp from left to right (top)
6	Pink	bal 1-6, L-door 6th lamp from left to right (top)
7	Tan	bal 1-7, L-door 7th lamp from left to right (top)
8	Lt. Blue	bal 1-8, L-door 8th lamp from left to right (top)
9	Wt. Orange	bal 1-9, L-door 9th lamp from left to right (top)
10	Wt. Blue	bal 1-10, L-door 10th lamp from left to right (top)
11	Wt. Green	bal 1-11, L-door 11th lamp from left to right (top)
14	Red	red fan leg, (2) aial fans in bottom of l-door
16	Wt. Red	red fan leg, (3) axial fans in L-door
19	Green	ground
22	Black	black fan leg (3) axial fans in L-door
24	Wt. Black	black fan leg, (2) axial fans in bottom L-door
27	Blue	cap 1-1, L-door 1st lamp from left to right (bottom)
28	Yellow	cap 1-2, L-door 2nd lamp from left to right (bottom)
29	Orange	cap 1-3, L-door 3rd lamp from left to right (bottom)
30	Purple	cap 1-4, L-door 4th lamp from left to right (bottom)
31	Grey	cap 1-5, L-door 5th lamp from left to right (bottom)
32	Pink	cap 1-6, L-door 6th lamp from left to right (bottom)
33	Tan	cap 1-7, L-door 7th lamp from left to right (bottom)
34	Lt. Blue	cap 1-8, L-door 8th lamp from left to right (bottom)
35	Wt. Orange	cap 1-9, L-door 9th lamp from left to right (bottom)
36	Wt. Blue	cap 1-10, L-door 10th lamp from left to right (bottom)
37	Wt. Green	cap 1-11, L-door 11th lamp from left to right (bottom)

CORD #2 / RECEPTACLE #2
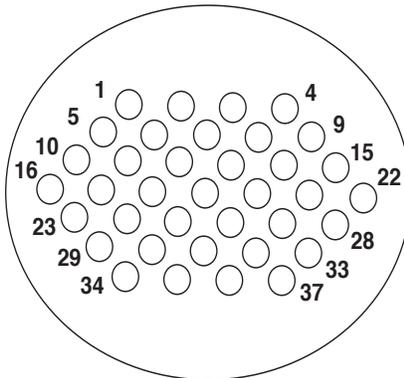
| PIN#	COLOR	DESTINATION
1	Blue	bal 2-1, R-door 1st lamp from right to left (top)
2	Yellow	bal 2-2, R-door 2nd lamp from right to left (top)
3	Orange	bal 2-3, R-door 3rd lamp from right to left (top)
4	Purple	bal 2-4, R-door 4th lamp from right to left (top)
5	Grey	bal 2-5, R-door 5th lamp from right to left (top)
6	Pink	bal 2-6, R-door 6th lamp from right to left (top)
7	Tan	bal 2-7, R-door 7th lamp from right to left (top)
8	Lt. Blue	bal 2-8, R-door 8th lamp from right to left (top)
9	Wt. Orange	bal 2-9, R-door 9th lamp from right to left (top)
10	Wt. Blue	bal 2-10, R-door 10th lamp from right to left (top)
11	Wt. Green	bal 2-11, R-door 11th lamp from right to left (top)
14	Red	red fan leg (2) axial fans in bottom or R-door
16	Wt. Red	red fan leg, (3) axial fans in R-door
19	Green	ground
22	Black	black fan leg (3) axial fans in R-door
24	Wt. Black	red fan leg (2) axial fans in bottom or R-door
27	Blue	cap 2-1, R-door 1st lamp from right to left (bottom)
28	Yellow	cap 2-2, R-door 2nd lamp from right to left (bottom)
29	Orange	cap 2-3, R-door 3rd lamp from right to left (bottom)
30	Purple	cap 2-4, R-door 4th lamp from right to left (bottom)
31	Grey	cap 2-5, R-door 5th lamp from right to left (bottom)
32	Pink	cap 2-6, R-door 6th lamp from right to left (bottom)
33	Tan	cap 2-7, R-door 7th lamp from right to left (bottom)
34	Lt. Blue	cap 2-8, R-door 8th lamp from right to left (bottom)
35	Wt. Orange	cap 2-9, R-door 9th lamp from right to left (bottom)
36	Wt. Blue	cap 2-10, R-door 10th lamp from right to left (bottom)
37	Wt. Green	cap 2-11, R-door 11th lamp from right to left (bottom)

SUNDAZZLER™ HARNESS CORDS/RECEPTACLES

(SEE PAGE 26 FOR 2M)

CORD #3 / RECEPTACLE #3
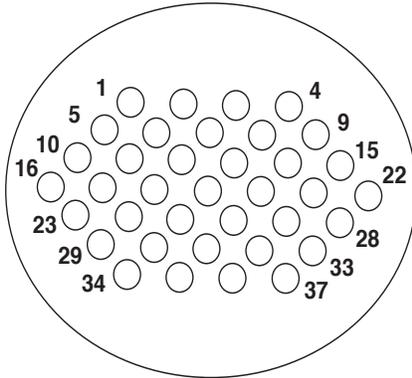
| PIN#	COLOR	DESTINATION
1	Blue	bal 3-1, back 1st lamp from left to right (top)
2	Yellow	bal 3-2, back 2nd lamp from left to right (top)
3	Orange	bal 3-3, back 3rd lamp from left to right (top)
4	Purple	bal 3-4, back 4th lamp from left to right (top)
5	Grey	bal 3-5, back 5th lamp from left to right (top)
6	Pink	bal 3-6, back 6th lamp from left to right (top)
7	Tan	bal 3-7, back 7th lamp from left to right (top)
8	Lt. Blue	bal 3-8, back 8th lamp from left to right (top)
9	Wt. Orange	bal 3-9, back 9th lamp from left to right (top)
10	Wt. Blue	bal 3-10, back 10th lamp from left to right (top)
11	Wt. Green	bal 3-11, back 11th lamp from left to right (top)
12	Black/Red	bal 3-12, back 12th lamp from left to right (top)
13	Tan/Red	red fan leg
14	Red	red leg, turbine fan
15	Blue/Red	red leg, blue light
16	White/Red	red fan leg, (2) axial fan back left
17	Blue/Black	black leg, blue light
19	Green	ground
20	Tan/Black	black fan leg
22	Black	black fan leg, (2) axial fan back left
24	Light Black	black leg, turbine fan
26	Blue	cap 3-1, back 1st lamp from left to right (bottom)
27	Yellow	cap 3-2, back 2nd lamp from left to right (bottom)
28	Orange	cap 3-3, back 3rd lamp from left to right (bottom)
29	Purple	cap 3-4, back 4th lamp from left to right (bottom)
30	Grey	cap 3-5, back 5th lamp from left to right (bottom)
31	Pink	cap 3-6, back 6th lamp from left to right (bottom)
32	Tan	cap 3-7, back 7th lamp from left to right (bottom)
33	Light Blue	cap 3-8, back 8th lamp from left to right (bottom)
34	Wt. Orange	cap 3-9, back 9th lamp from left to right (bottom)
35	Wt. Blue	cap 3-10, back 10th lamp from left to right (bottom)
36	Wt. Green	cap 3-11, back 11th lamp from left to right (bottom)
37	Black/Green	cap 3-12, back 12th lamp from left to right (bottom)

CORD #4 / RECEPTACLE #4

PIN#	COLOR	DESTINATION
1	Blue	bal 4-1, back 1st lamp from right to left (top)
2	Yellow	bal 4-2, back 2nd lamp from right to left (top)
3	Orange	bal 4-3, back 3rd lamp from right to left (top)
4	Purple	bal 4-4, back 4th lamp from right to left (top)
5	Grey	bal 4-5, back 5th lamp from right to left (top)
6	Pink	bal 4-6, back 6th lamp from right to left (top)
7	Tan	bal 4-7, back 7th lamp from right to left (top)
8	Lt. Blue	bal 4-8, back 8th lamp from right to left (top)
9	Wt. Orange	bal 4-9, back 9th lamp from right to left (top)
10	Wt. Blue	bal 4-10, back 10th lamp from right to left (top)
11	Wt. Green	bal 4-11, back 11th lamp from right to left (top)
12	Black/Red	bal 4-12, back 12th lamp from right to left (top)
14	Red	red leg, (3) Axiel fan middle back
15	Blk/Green	black leg, timer board
16	Wt. Red	red fan leg, (2) axial fan right back
17	Red/Green	red leg, timer board
19	Green	ground
18	Red/Blk	110v from contactor, 110v to timer
21	Red/White	110v from contactor, 110v from timer
22	Black	black fan leg, (2) axial fan right back
23	Yellow/Black	120 volt control contactor, 120 volt to timer
24	Wt. Black	black fan leg, (3) axial fan middle back
25	Blk/Yellow	120 volt control contactor, 120 volt to timer
26	Blue	cap 4-1, back 1st lamp from right to left (bottom)
27	Yellow	cap 4-2, back 2nd lamp from right to left (bottom)
28	Orange	cap 4-3, back 3rd lamp from right to left (bottom)
29	Purple	cap 4-4, back 4th lamp from right to left (bottom)
30	Grey	cap 4-5, back 5th lamp from right to left (bottom)
31	Pink	cap 4-6, back 6th lamp from right to left (bottom)
32	Tan	cap 4-7, back 7th lamp from right to left (bottom)
33	Lt. Blue	cap 4-8, back 8th lamp from right to left (bottom)
34	Wt. Orange	cap 4-9, back 9th lamp from right to left (bottom)
35	Wt. Blue	cap 4-10, back 10th lamp from right to left (bottom)
36	Wt. Green	cap 4-11, back 11th lamp from right to left (bottom)
37	Black/Red	cap 4-12, back 12th lamp from right to left (bottom)

2m™ HARNESS CORDS/RECEPTACLES

CORD #3 / RECEPTACLE #3
CORD #4 / RECEPTACLE #4

CORD #5 / RECEPTACLE #5

| PIN#	COLOR	DESTINATION
1	Blue	bal 4-1, back 1st lamp from right to left (top)
2	Yellow	bal 4-2, back 2nd lamp from right to left (top)
3	Orange	bal 4-3, back 3rd lamp from right to left (top)
4	Purple	bal 4-4, back 4th lamp from right to left (top)
5	Grey	bal 4-5, back 5th lamp from right to left (top)
6	Pink	bal 4-6, back 6th lamp from right to left (top)
7	Tan	bal 4-7, back 7th lamp from right to left (top)
8	Lt. Blue	bal 4-8, back 8th lamp from right to left (top)
9	Wt. Orange	bal 4-9, back 9th lamp from right to left (top)
10	Wt. Blue	bal 4-10, back 10th lamp from right to left (top)
11	Wt. Green	bal 4-11, back 11th lamp from right to left (top)
12	Black/Red	bal 4-12, back 12th lamp from right to left (top)
13	Wt./Yellow	bal 3-13, 13th lamp left to right
14	Wt./Purple	bal 3-13, 13th lamp left to right
15	Empty	N/A
16	Empty	N/A
17	Empty	N/A
19	Empty	N/A
18	Empty	N/A
21	Empty	N/A
22	Empty	N/A
23	Empty	N/A
24	Blue	cap 3-1, 1st lamp from left to right
25	Yellow	cap 3-2, 2nd lamp from left to right
26	Orange	cap 3-3, 3rd lamp from left to right
27	Purple	cap 3-4, 4th lamp from left to right
28	Grey	cap 3-5, 5th lamp from left to right
29	Pink	cap 3-6, 6th lamp from left to right
30	Tan	cap 3-7, 7th lamp from left to right
31	Light Blue	cap 3-8, 8th lamp from left to right
32	Wt./Orange	cap 3-9, 9th lamp from left to right
33	Wt./Blue	cap 3-10, 10th lamp from left to right
34	Wt./Green	cap 3-11, 11th lamp from left to right
35	Black/Green	cap 3-12, 12th lamp from left to right
36	Wt./Yellow	cap 3-13, 13th lamp from left to right
37	Wt./Purple	cap 3-14, 14th lamp from left to right
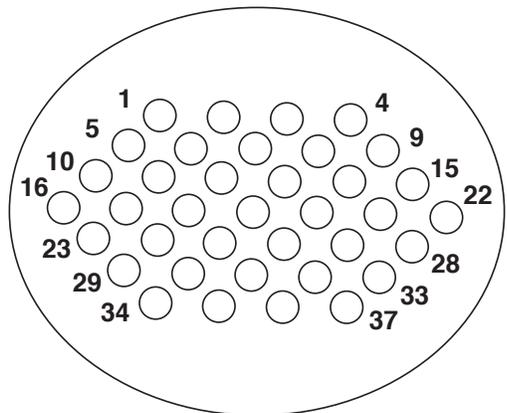
PIN#	COLOR	DESTINATION
1	Empty	N/A
2	Empty	N/A
3	Empty	N/A
4	Empty	N/A
5	Empty	N/A
6	Empty	N/A
7	Wt./Red	Axial fan lower left
8	Empty	N/A
9	Red	Axial fan lower right
10	Empty	N/A
11	Empty	N/A
12	Wt./Red	Axial fan upper right
13	Empty	N/A
14	Tan/Red	Top body fan
15	Blue/Red	Red leg blue light
16	White/Red	Axial fan upper left
17	Red	Axial fan upper middle
18	Red/Green	Red leg timer board
19	Green	Ground
20	Black/Green	Blk leg Timer board
21	Wt./Black	Axial fan upper middle
22	Black	Axial fan upper left
23	Blue/Black	Black leg blue light
24	Tan/Black	Top body fan
25	Black/Yellow	Blk leg contactor control
26	Black	Axial fan upper right
27	Yellow Black	Blk leg contactor control
28	Red/Black	Blk leg fan circuit to tmr
29	White/Black	Axial fan lower right
30	Red/White	Blk leg fan circuit from tmr
31	Empty	N/A
32	Black	Axial fan lower left
33	Empty	N/A
34	Empty	N/A
35	Empty	N/A
36	Empty	N/A
37	Empty	N/A

Top (Ballast Box)

This is a representation of ballast curcuit 2-2. Use this diagram for lamp and ballast troubleshooting by cross referencing this diagram with the harness cords diagram.

Green 10ga

Black 8ga

Red 8ga

Time Delay

Auxilary Contactor

T1 T2 L1 L2

NC Contact

Main Contactor

T1 T2 L1 L2

-Yellow 18ga from pin (#28)

-Yellow 18ga from pin (#2)

Yellow 18ga

Yellow 18ga

Capacitor

Ballast 2-2

Black 10ga

Red 10ga
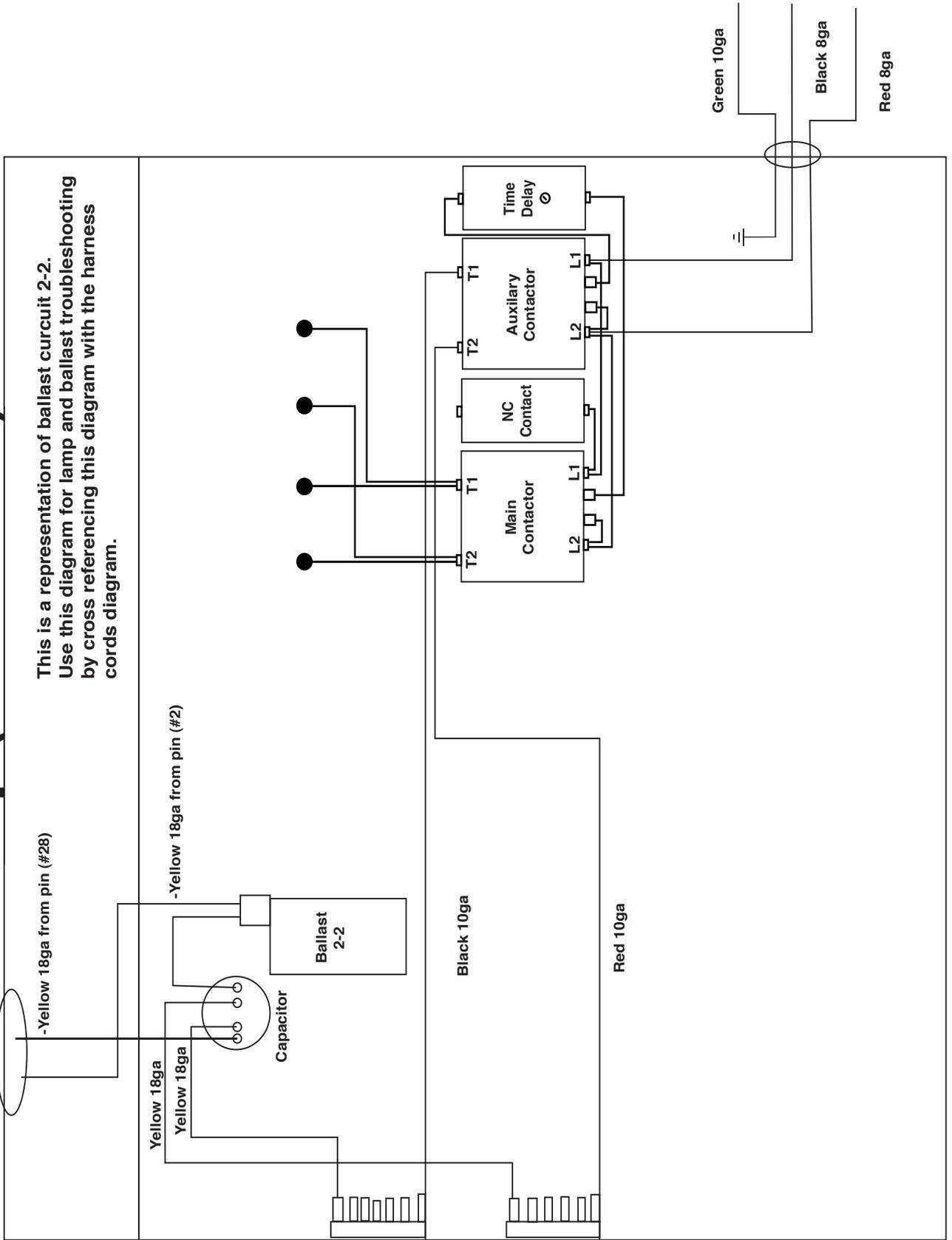
2M/SUNDAZZLER WIRING DIAGRAM BALLASt BOX RECEPTACLES 1&2

2M/SUNDAZZLER WIRING DIAGRAM BALLAST BOX RECEPTACLES 3 & 4

fan

fan

fan

fan

fan

| 3-1 | 3-2 | 3-3 | 3-4 | 3-5 | 3-6 | 3-7 | 3-8 |

| 3-9 | 3-10 | 3-11 | 3-12 | 4-1 | 4-2 | 4-3 | 4-4 |

| 4-5 | 4-6 | 4-7 | 4-8 | 4-9 | 4-10 | 4-11 | 4-12 |
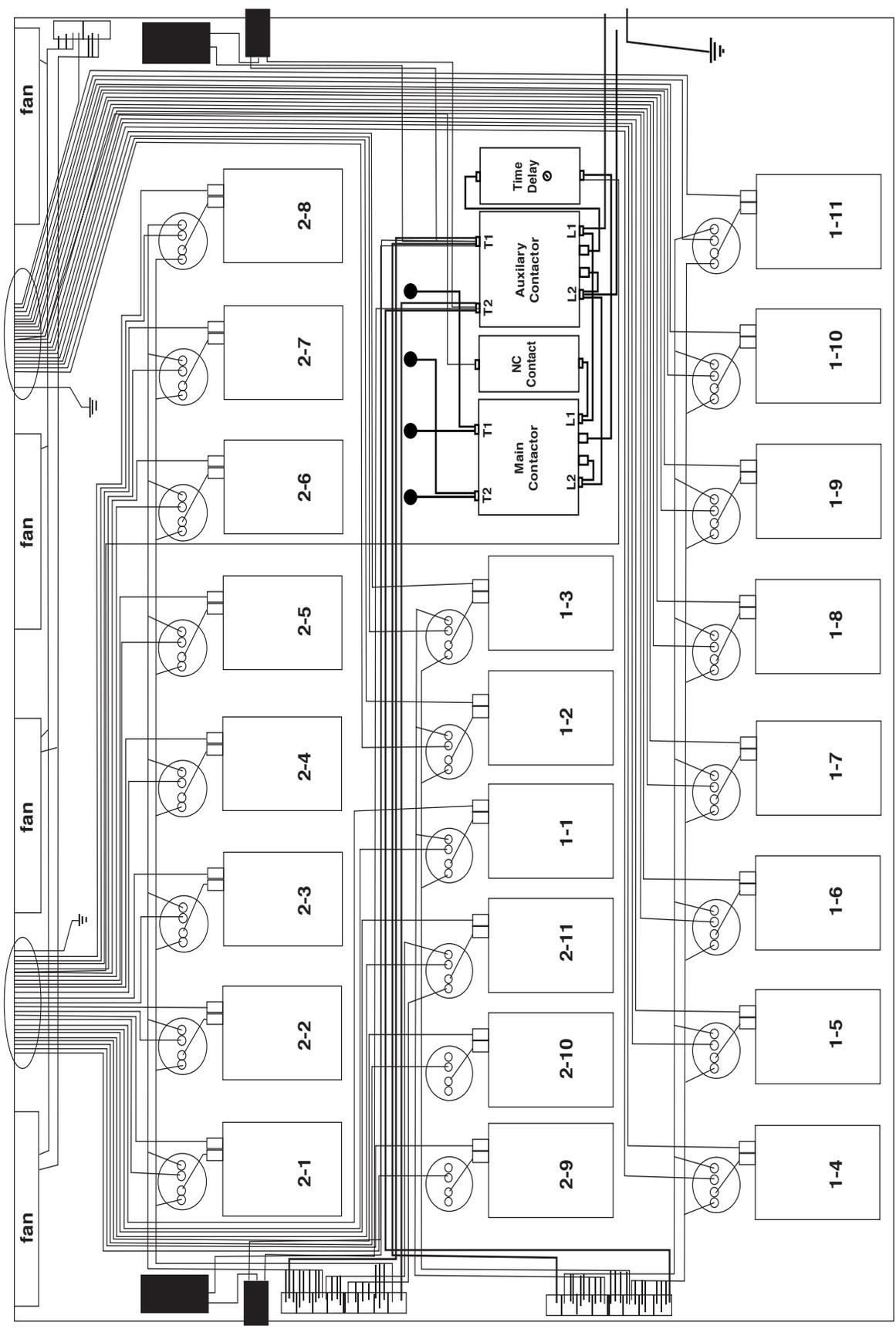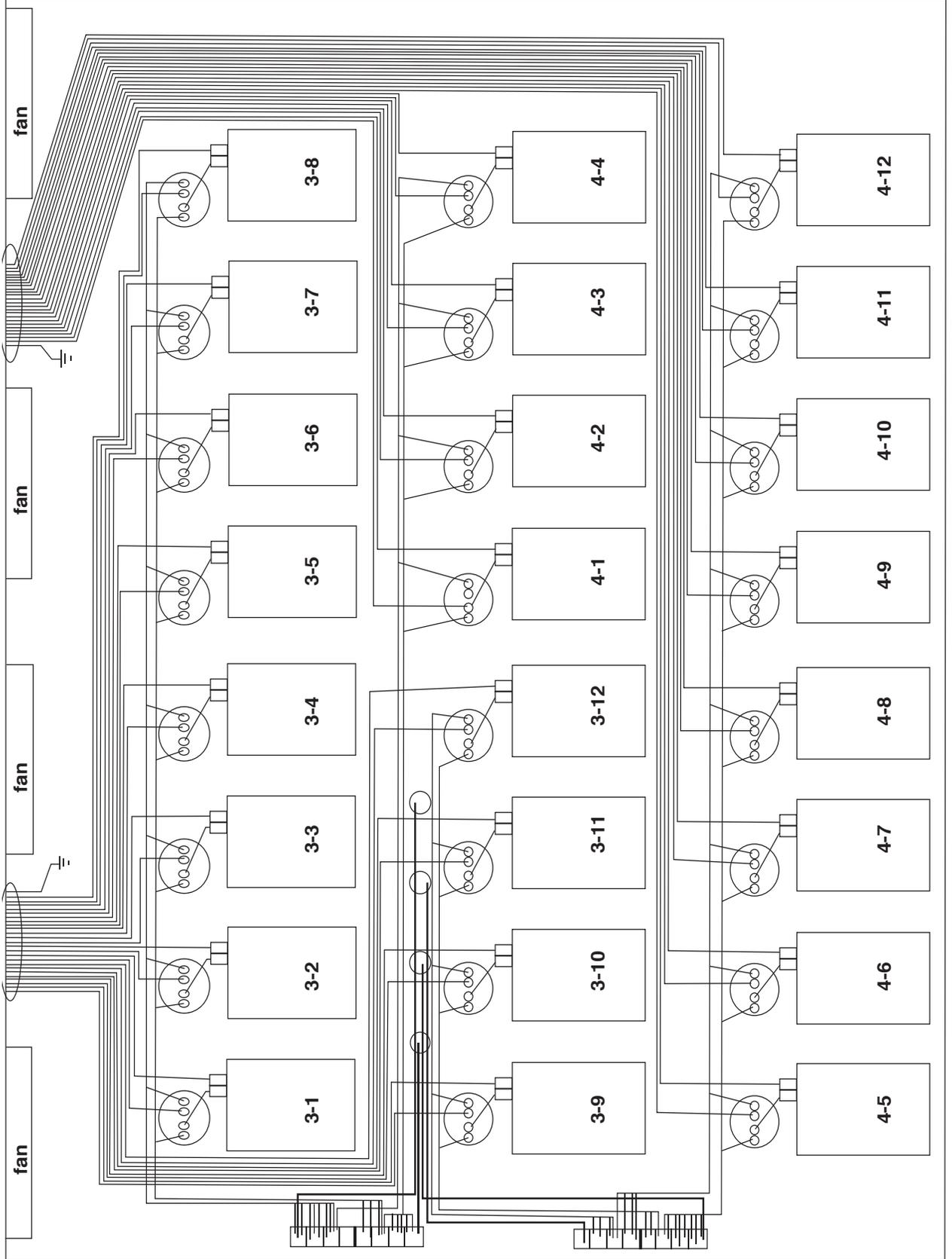
SUNDAZZLER™/2m CHANGING ROOM ASSEMBLY

CONTENTS:

2 - 24" Stainless Panels
2 - 9$\frac{1}{2}$" Stainless Panels
4 - 16" Stainless Panels
8 - Angle Extrusion
2 - Door Extrusion
2 - Right Hand Base Frame Assembly
2 - Left Hand Base Frame Assembly
1 - Door Header
1 - Door Assembly
2 - Bottom Spacer (Right Hand and Left Hand)
2 - Spacer To Frame Brackets (Right Hand and Left Hand)
1 - Top Left Hand Door Hinge Bracket
1 - Top Right Hand Door Hinge Bracket
48 - $\frac{1}{4}$-20 Set Screws
12 - $\frac{1}{4}$-20 Bolts
4 - $\frac{1}{4}$-20 Locking Nuts
4 - $\frac{3}{8}$ Bolts
8 - Leveling Legs

Top Left Hand Door Hinge Bracket

Top Right Hand Door Hinge Bracket

Left Hand Spacer To Base Frame Bracket

Right Hand Spacer To Base Frame Bracket

Left Hand Bottom Spacer
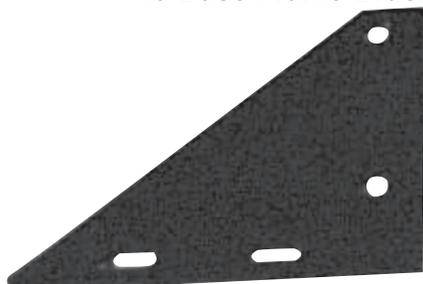
Right Hand Bottom Spacer
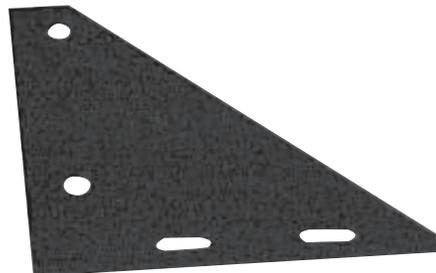
STEP 1: POSITION 2M BASE ON FLOOR.

STEP 2: REMOVE ORIGINAL SPACER BELOW HINGE BRACKET ON BASE AND INSTALL
SPACER INCLUDED IN CHANGING ROOM KIT AS SHOWN IN ILLUSTRATION A.

STEP 3: ATTACH SPACER TO FRAME BRACKET BELOW HINGE SPACE AS SHOWN IN
ILLUSTRATION #1.

STEP 4: FOLLOW SAME PROCEDURE FOR BOTH LEFT AND AND RIGHT HAND SIDES OF
BASE.
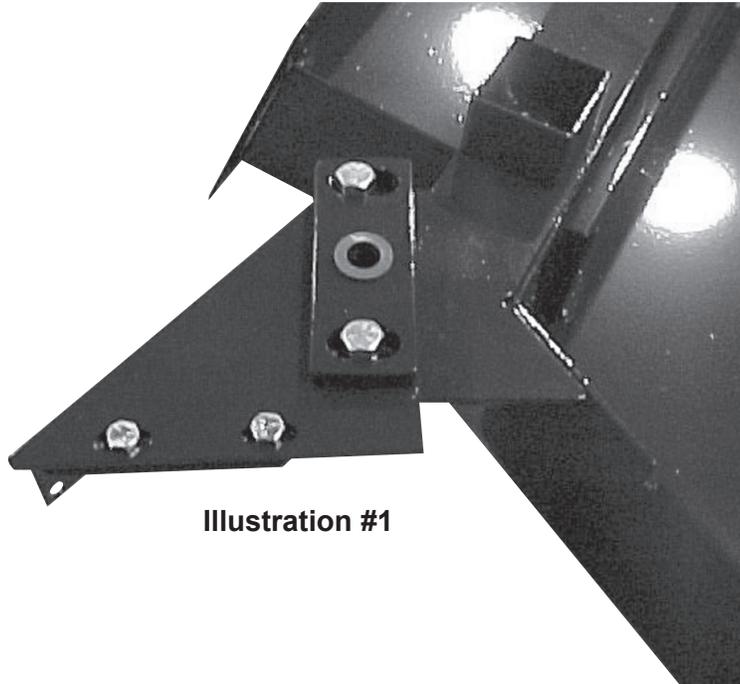
Illustration #1

STEP 5: ATTACH LEVELING LEGS TO BOTTOM OF LEFT HAND AND RIGHT HAND BASE
FRAME ASSEMBLY AS SHOWN IN ILLUSTRATION #2.

Illustration #2

Illustration #3

STEP 6: POSITION AND LEVEL LEFT HAND AND RIGHT HAND BASE FRAME ASSEMBLY AS SHOWN IN ILLUSTRATION #3 AND ATTACH TO BRACKETS AS SHOWN USING $\frac{1}{4}$ X 20 BOLTS.

STEP 7: REMOVE AND DISCARD TOP HINGE BRACKETS ON 2M BACK ASSEMBLY.

STEP 8: POSITION DOORS ON 2M UNIT USING TOP LEFT HAND - RIGHT HAND HINGE BRACKETS INCLUDED WITH CHANGING ROOM. NOTE: LEAVE TOP HINGE BOLTS LOOSE FOR FUTURE STEP.

STEP 9: STARTING FROM 2M BASE WORKING OUTSIDE ANGLE EXTRUSION INTO LOWER BASE FRAME.

STEP 10: THEN A 16" PANEL.

STEP 11: INSTALL ANOTHER ANGLE EXTRUSION - THEN A 24" PANEL.

STEP 12: INSTALL ANOTHER ANGLE EXTRUSION - THEN A 16" PANEL.

STEP 13: INSTALL ANOTHER ANGLE EXTRUSION - THEN A $9\frac{1}{2}$ PANEL.

STEP 14: INSTALL A DOOR EXTRUSION.

NOTE: YOU MUST HOLD THE EXTRUSION AND SILVER PANELS IN PLACE UNTIL YOU HAVE TOP FRAME INSTALLED.

STEP 15: WITH TOP DOOR HINGE BRACKET LOOSE - START TOP RIGHT HAND - LEFT HAND FRAME UNDER BRACKET AND OVER EXTRUSION/PANELS.

STEP 16: ONCE IN PLACE ATTACH FRAME TO BRACKET USING $^1/4$-20 BOLTS AS SHOWN IN ILLUSTRATION #4.

Illustration #4
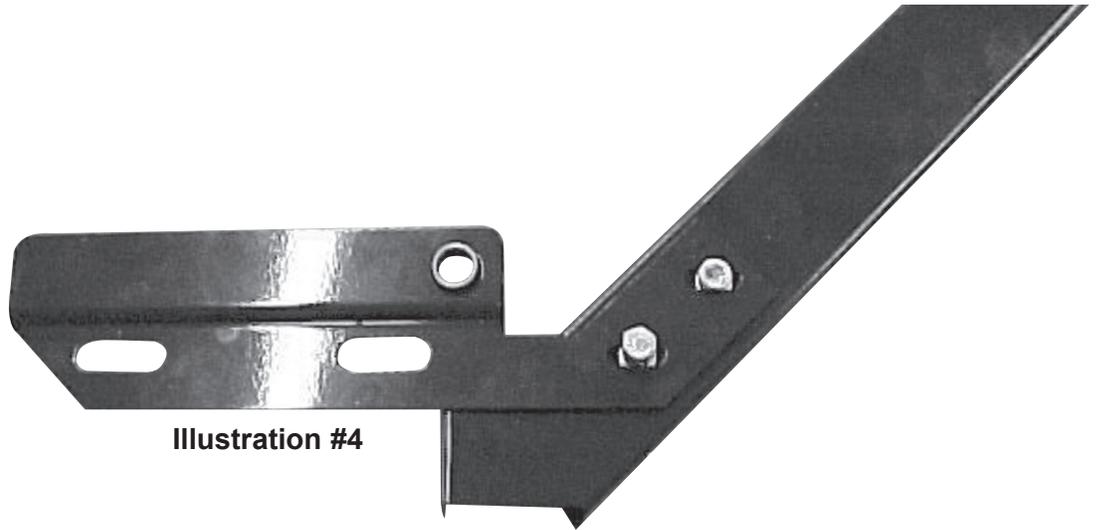
STEP 17: FOLLOW SAME PROCEDURE FOR BOTH SIDES UNTIL UNIT WILL SUPPORT ITSELF.
STEP 18: ATTACH DOOR HEADER USING $^3/8$ BOLTS SUPPLIED.

STEP 19: ATTACH DOOR ASSEMBLY BY POSITIONING LOWER DOOR PIN IN FRAME THEN RAISING TOP FRAME TO INSERT TOP DOOR PIN.

NOTE: DOOR CAN BE ASSEMBLED IN EITHER A RIGHT HAND OR LEFT HAND OPENING POSITION.

STEP 20: SECURE UPPER AND LOWER FRAMES TO EXTRUSTIONS USING 1/4-20 SET SCREWS

STEP 21: ONCE UNIT IS SECURED DOOR CATCH MAY NEED TO BE ADJUSTED TO HOLD DOOR CLOSED.

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. Tanning lamps are warranted against defects for a period of sixty (60) days from date of sale.
    B. 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
    C. Labor will be furnished without charge for one hundred eighty (180) days from the date of purchase only. 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.
    D. All fans are warranted against defects for a period of five (5) years from date of sale.
    E. Timer system warranted for one (1) year.
    F. Acrylic, warranted for twelve (12) months prorated.
    G. Springs warranted for twelve (12) months.
    H. 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.