



OPERATION AND CARE MANUAL

For

TRC60

TRC84

Series Refrigerated Condiment Rails





This appliance is for commercial use only.

To avoid electrical shock, this appliance MUST be adequately grounded in accordance with local electrical codes or, in the absence of local codes, with the current edition of the national Electrical Code ANSI/ NFPA no. 70. In Canada, all electrical connections are to be made in accordance with CSA C22.1, Canadian Electrical Code Part 1 or local codes.



Warning!

This appliance is intended for use in commercial establishments where all operators are familiar with the purpose, limitations, and associated hazards of this appliance. Operating instructions and warnings must be read and understood by all operators and users.

1. This appliance must be installed on a stable and level surface.
2. DO NOT install this appliance in any area where it may be affected by any adverse conditions such as steam, grease, dripping water, high temperatures, etc.
3. DO NOT store or use any flammable liquids or allow flammable vapors in the vicinity of this appliance or any other appliance.
4. This appliance must be kept free and clear of any combustible materials.
5. This appliance must be kept free and clear of any obstructions blocking access for maintenance or service.



This machine is designed to be only used indoors



These appliances are heavier than they look and should be moved with proper equipment and personnel.



To reduce the risk of electric shock and injury to persons, unplug from the power supply before servicing.



This appliance must service by qualified service personnel. Failure to properly maintain and service to this appliance can and will cause injury or even death.



This appliance has parts that can cause pinching and injury, please ensure that fingers are kept away from these areas and proper attire is worn.

CHAPTER 1

Operation and Care Manual

The operation and care manual is a document issued by the manufacturing company and is an integral part of the machine. This document is adequately identified for easy tracing and/or subsequent references.

All rights relating to the reproduction and disclosure of the information contained in this handbook and the documentation quoted and/or attached are reserved. This handbook contains the information necessary for the customer and assigned personnel, to ensure the correct installation, use and maintenance of the appliance allowing it to be used safely.

Safety precautions and Manufacturer's liabilities.

Every operation related to the intended use of this appliance and its overall life cycle has been carefully and thoroughly analyzed by the manufacturing company during the design phase, construction phase and the writing of the operation and care manual.

It is nevertheless understood that experience, proper training and "common sense" of the personnel operating this appliance are of the utmost importance. It is the responsibility of the operator to observe all safety precautions as outlined in this manual and to operate this appliance accordingly.

The non-observance of the safety precautions or specific warnings indicated in this manual, the use of this appliance by unauthorized personnel, violation of all safety standards regarding the design, construction, and intended use of the machine, will relieve the manufacturer from all liability in the case of damage to personnel or property.

The manufacturing company is therefore in no way responsible for the non-observance on the part of the user of the safety precautions listed in this manual.

Regulatory references

The following manual CONFORMS TO ANSI/UL Std. 471–CERT. TO CAN/CSA Std.C22.2 No. 120 – CONFORMS TO NSF 7



Disposal of this appliance after its useful life.

Electric and electronic appliances contain dangerous substances that may have potentially harmful effects for people and the environment. It is recommended to dispose of it properly, **DO NOT DISPOSE OF ELECTRICAL OR ELECTRONIC EQUIPMENT WITH OTHER MUNICIPAL WASTE.**

CHAPTER 2

How to use the Operation and Care Manual

This document is an integral part of the machine. Preserve a copy of this operation manual for the entire working life of the appliance even if transferred or sold. Additional copies can be obtained from the manufacturer.

To maintain the operation and care manual in good condition:

1. Use the operation and care manual carefully so as to not to damage its contents. In particular, do not leave the operation and care manual around after use and return it to its proper place immediately after consultation.
2. Do not remove, rip out or rewrite parts of the operation and care manual. Any changes to this manual are to be issued by the manufacturer.
3. Keep the operation and care manual in a safe place, away from environmental elements which could damage it.

CHAPTER 3

WARRANTY

ThermalRite warrants to the original purchaser only that any original part that is found to be defective in material or workmanship will, at ThermalRite's option, subject to provisions hereinafter stated, be replaced with a new or rebuilt part. For all other original parts, twenty four (24) months from the date of shipment of appliance. The labor warranty period is twenty four (24) months from the shipping date. ThermalRite will bear normal labor charges performed during standard business hours, excluding overtime, holiday rates or any additional fees. To be valid, a warranty claim must be filed during the applicable warranty period. This warranty is not transferable.

1. All machine components normally subject to wear and are considered consumables are not included in the warranty: door gaskets, rubber casters, air filter.
2. Possible conditions causing electronic controls to fail include incorrect electrical supply, environmental

elements, storms, lightning, water damage, could cause damages which cannot be attributed to the manufacturing company and to the manufacture of the product itself.

3. During the warranty period, for any defect in workmanship and material, all parts and labor will be covered. All warranty claims must be submitted to and conform by all statements and policies of the **OneSolutionSupport** service.

4. During the warranty period, we will pay, not to exceed, one (1) hour travel and fifty (50) miles travel. All warranty service will be performed by an authorized service center certified by the manufacturer. All parts replaced under warranty must be returned to the manufacturer for inspection before any warranty is paid.

5. Any components considered defective (door gasket, electronic control, etc.) and is determined to be caused by misuse or abuse during the warranty period will not be considered under warranty. The end user will be responsible for any repairs or parts for repairs.

6. Equipment modified in any manner from original model, substitution of parts other than factory authorized parts, removal of any parts including legs, or addition of any parts.

7. Any losses or damage resulting from malfunction, including loss of product, food product, revenue, or consequential or incidental damages of any kind.

8. Equipment damage caused by accident, shipping, improper installation or alteration.

9. Any injury caused by failure to abide by these written instructions, improper installation, improper electrical connections, alteration to equipment will be the responsibility of the owner.

10. This warranty is exclusive and is in lieu of all other warranties, express or implied, including the implied warranties of merchantability and fitness for a particular purpose. In no event shall ThermalRite be liable for loss of use, loss of revenue or profit, or loss of product, or for any indirect, special, incidental, or consequential damages. No person except an officer of ThermalRite Inc. is authorized to modify this warranty or to incur on behalf of ThermalRite any other obligation or liability in connection with ThermalRite equipment.

End User obligations

The end user must immediately inform the manufacturer of any safety system defect and/or any malfunction he or she is aware of.

It is strictly forbidden for the end user and/or any third parties (excluding duly authorized service personnel of the manufacturer) to make modifications of any kind to the appliance, its functions or to this technical publication. In case of malfunctions or defects due to the non-observance of the above, the manufacturing company cannot be held responsible for the consequences.

CHAPTER 4

GENERAL SAFETY PRECAUTIONS

1. Never touch the metal parts of the machine with wet or damp hands;
2. Do not pull on the cord to disconnect the plug from the current outlet.
3. Unqualified or untrained personnel are not allowed to use the machine without supervision.
4. Electrical safety of the machine is ensured by a properly grounded electrical circuit, which consists of a grounded cord and cord cap and a correct electrical outlet.
5. The use of an extension cord is not allowed and may result in injury or death.
6. In the event of damage to the cord, the end user of the appliance must not attempt to replace the part. This must be performed by a qualified service personnel.
7. Always switch off and disconnect the appliance from the power supply before beginning any general cleaning or maintenance operation.
8. Clean appliance coating, panels and controls using soft and dry cloths, or cloths slightly soaked in mild detergent solution.

CHAPTER 5 INSTALLATION

Carefully remove the appliance from the carton or crate. Note: Do not discard the carton and other packaging material until you have inspected the unit for hidden damage and tested it for proper operation.



Warning!

These appliances are heavy and can be easily damaged if not removed from the skid correctly. **DO NOT ATTEMPT** to remove this appliance from the skid by pulling it off or **Extreme** damage will be caused to the base and casters, which **will not** be covered under warranty. Use the proper lifting equipment and protect the base from damage while lifting appliance from the skid. Do not drop appliance on its base or extreme damage will occur.

Location

To ensure proper operation of this appliance and its components, this appliance must be installed on a stable and level surface, away from high humidity items and excessive heat producing equipment.



DO NOT store or use any flammable liquids or allow flammable vapors in the vicinity of this appliance or any other appliance.



DO NOT install this appliance in any area where it may be affected by any adverse conditions such as steam, grease, dripping water, high temperatures, etc.



Disconnect the appliance from power before performing any service or maintenance operation which may require parts. This appliance must be grounded properly. If the ground prong is broken, do not use the appliance until it has been repaired or serious injury or death may occur.



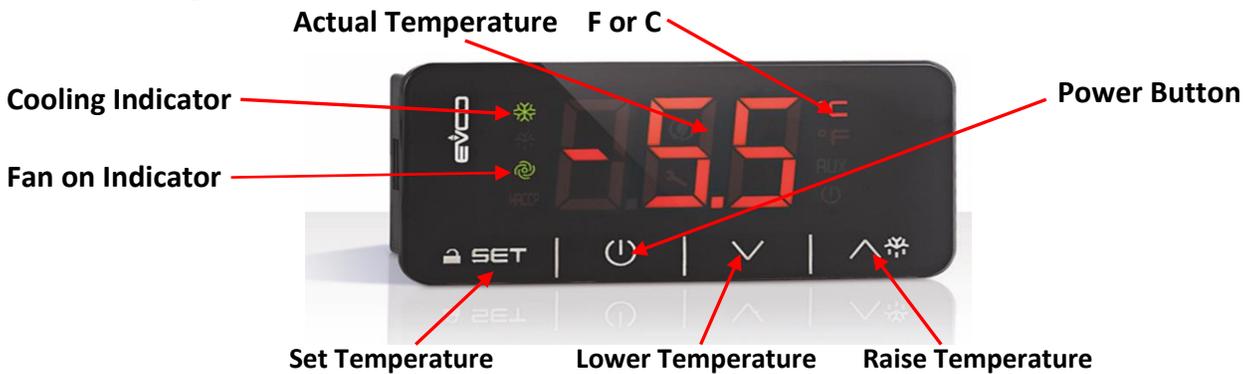
These appliances require a dedicated circuit and cannot be plugged into a receptacle that is shared by another appliance or damage to compressor, blown fuses or tripped circuits will be caused, which will not be covered under warranty.



This appliance must have adequate ventilation space to allow heat to be dissipated from the condenser, as well as it needs adequate ventilation to cool the condenser. Do not locate this appliance tight against the wall or against any heat producing device or damage can occur to the unit. **Please allow a minimum of 2" air gap from the back and sides and 12" from the front for adequate ventilation.** In locations with excessive dust, dirt, loose paper, flour or powdery substances, cleaning of the condenser coil may need to be performed on a fairly regular basis. This is the customer's responsibility and must be performed by a qualified service technician or damage to the components can and will occur. Do not use caustic cleaners on the condenser coil as it may cause leaks to the sealed system.

CHAPTER 6

Understanding the Control



Operation

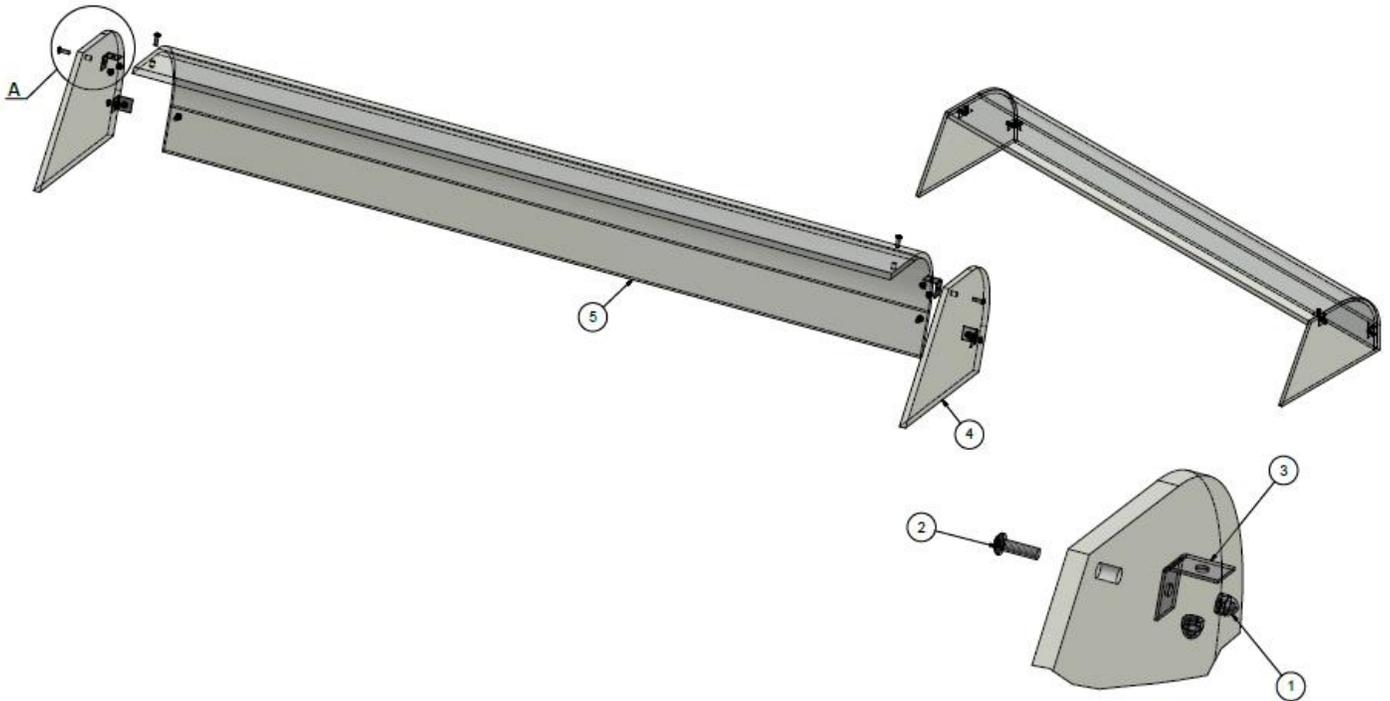
Connect the plug to the proper outlet. If it is not the correct outlet, the outlet must be replaced with the correct one by a qualified electrician, as well as ensuring the fuse or breaker is the correct current capacity for the draw of the appliance. Do not use adapters, multiple outlets and/or extension cords. Do not plug in multiple appliances on the same outlet that may exceed current capacity.

1. Turn the unit on by pushing the control on by pushing and holding the power switch for 4 seconds.
2. To set the cabinet temperature, press the **set** switch and the using the up or down buttons until the desire setting is reached, push the **set** button again.
3. The compressor has a 1 minute delay before it comes on.
4. Allow the condiment rail to pre-cool for at least 1 hour, with the well covered by pans or the optional cover before loading in product. If the product is ambient temperature, the cavity well temperature will rise and it may take a couple of hours to stabilize.
5. Once the temperature inside the cavity well reaches the set temperature, the cooling indicator light will go out. When the temperature rises the cooling indicator will turn back on and the compressor will activate to bring the temperature back down to the set point.
6. Do not keep the pans or well uncovered for an extended period of time, as this will cause the temperature to rise rapidly and product will not maintain temperature.
7. To turn the unit off, push and hold power switch for 4 seconds.
8. *** For maximum efficiency, remove product from the well and cover with sheet pans or optional cover and leave on, that way the well will be down to temperature when needed.**
9. This is a holding device and some product may need to be rotated out and placed in a refrigerated base after 2-4 hrs. This is normal.

Cleaning and Maintenance

Use mild cleaning products, such as dish detergent or pine sol to clean the unit. Do not use any scouring pads or nylon scrubbers, as this will scratch the surface. Do not flood the compartment with water or use a hose or pressure washer to clean the interior or exterior of the unit, as extreme damage will occur. The use of a stainless steel cleaner and polish can be used on the exterior only.

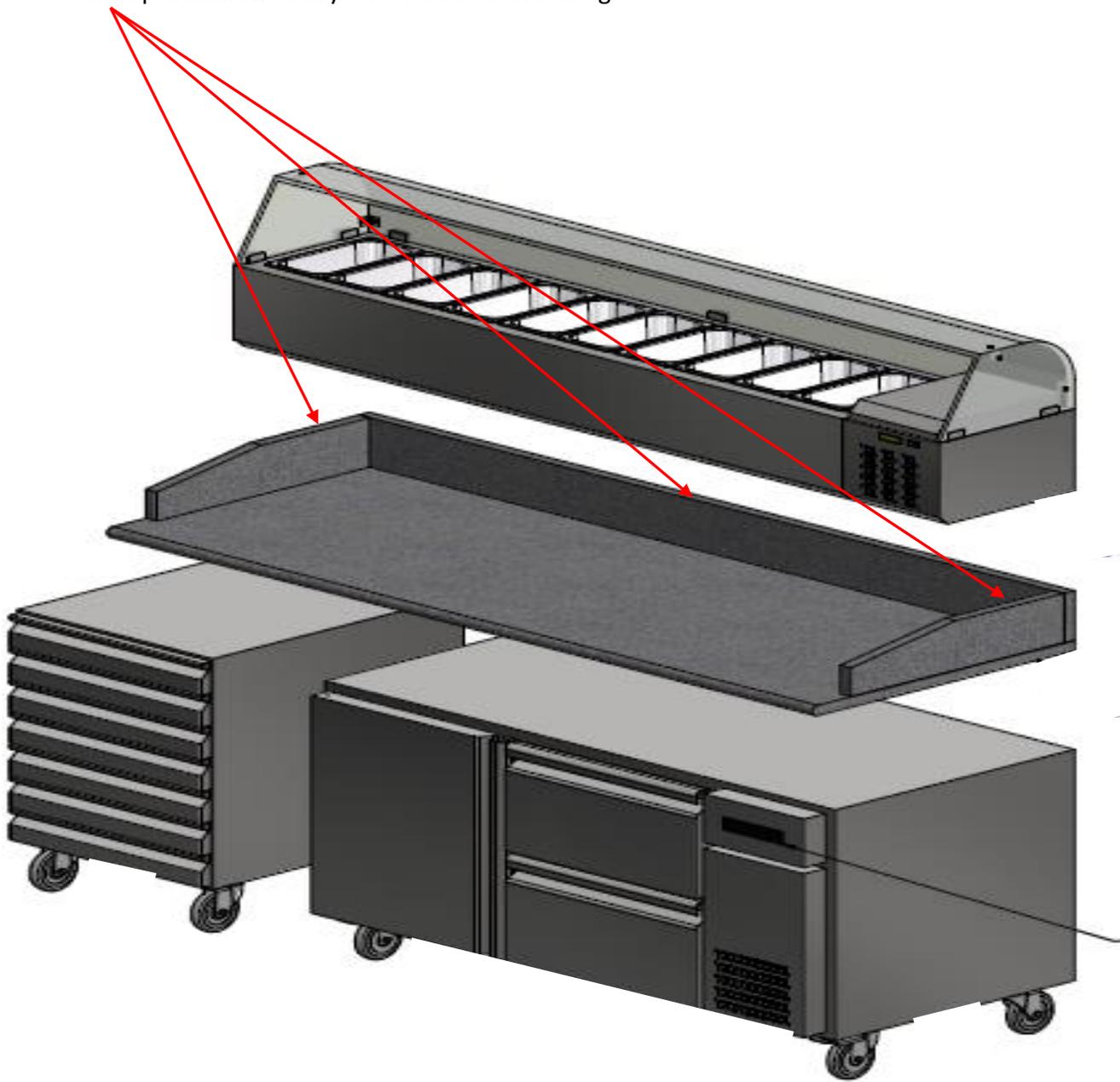
Glass Sneeze Guard Assembly



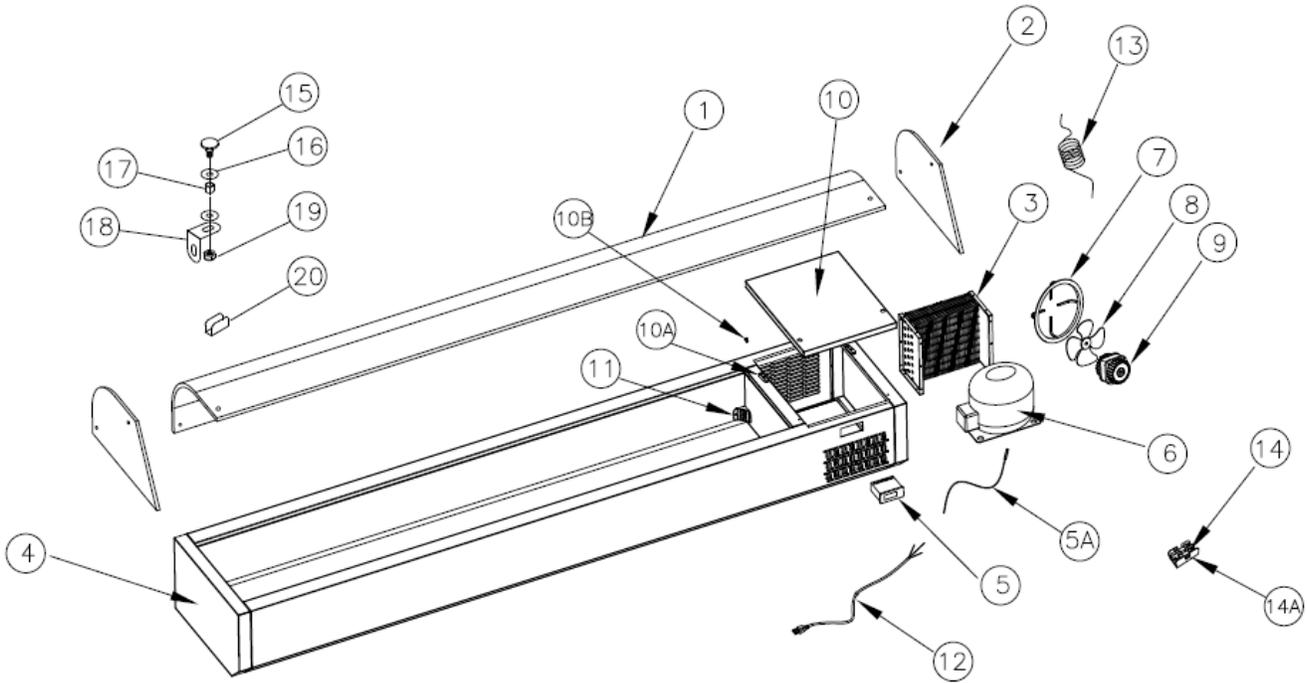
1. This operation must be performed with 2 people, as the glass is heavy and can slip and break.
2. Carefully unpack glass and locate the left and right side end glass.
3. Set the large center glass into the locating clips on the top of the condiment rail and then insert the hardware to connect the side glass to the center glass, do not tighten.
4. Perform the same operation for the other side and then tighten all hardware snugly.
5. Clean glass with commercial glass cleaner and a soft cloth, do not use any abrasive compounds or scrubbers, as this will scratch the surface.

Installing the Condiment Rail to the Prep Table

1. Apply a bead of clear silicone sealer to all three sides of the counter top and set the condiment rail on top and allow to dry for 8 hours before using.



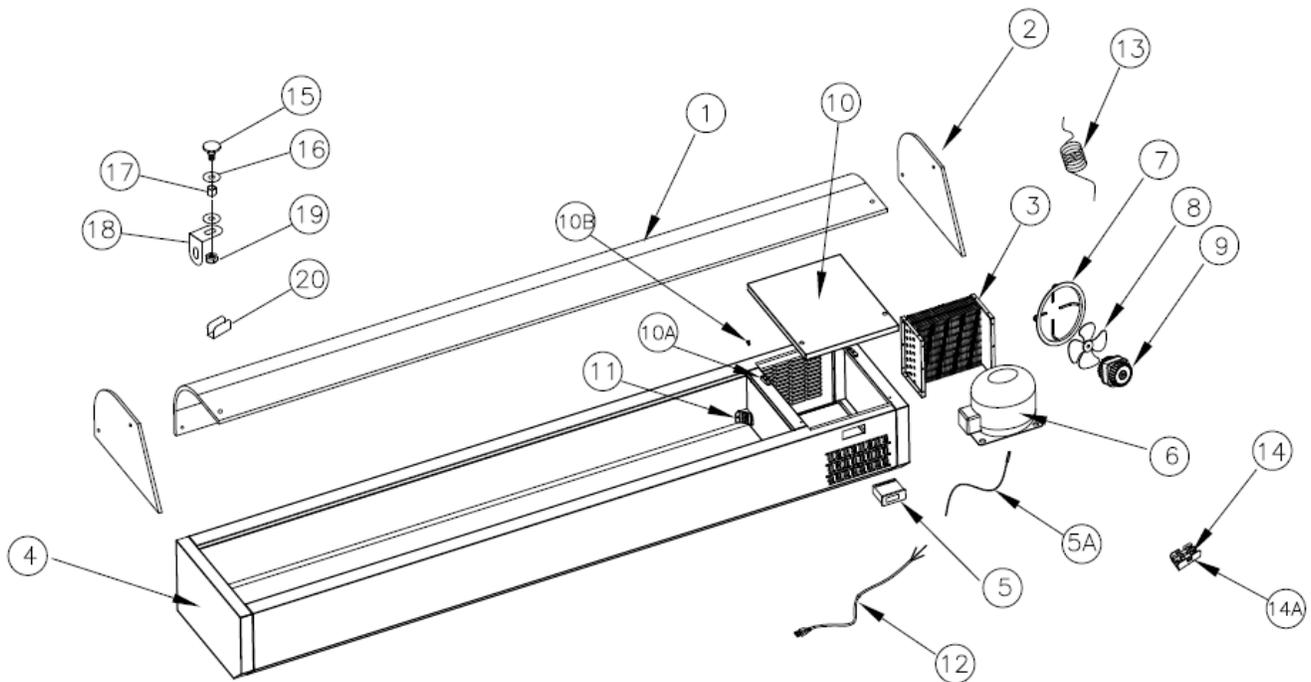
TRC60 Refrigerated Condiment Rail Exploded Views



Number	Description	Part Number	Quantity
1	Curved Glass	GL-7004	1
2	Glass Side Piece	GL-7005	1
3	Condenser Assembly	RE-90006	1
4	Main Chassis	CH-3020	1
5	Control (EV3B22N5)	CN-3021	1
5A	Evaporator Probe	PR-70008	1
6	Compressor Embraco EMU55HLP	RE-90007	1
7	Condenser Fan Motor Mount/Guard	GU-7006	1
8	Condenser Fan Blade	FN-6006	1
9	Condenser Fan Motor	FN-6007	1
10	Condenser Cover	PN-70009	1
10A	Condenser over Mounting Bracket	BK-2001	2
10B	Condenser Cover Mounting Bracket Screw	SC-100005	4
11	Evaporator Probe Cover	PR-70010	1
11A	Evaporator Probe Cover Rivet	RI-90009	2
12	Power Cord 16A	CD-3010	1
13	Capillary Tube	RE-90008	1
14	Fuse 20A	FU-6004	2
14A	Fuse Holder	FU-6005	1

15	Glass Mounting Screw	SC-100007	4
16	Glass Mounting Washer	WS-500001	8
17	Glass Spacer	SP-100008	4
18	Glass Mounting Bracket	BK-2002	4
19	Glass Mounting Cap Nut	NT-50001	4
20	Glass Locating Clip	CL-3021	6
21	Glass Hardware Kit Complete (Includes 15 thru 19)	HD-8003	1

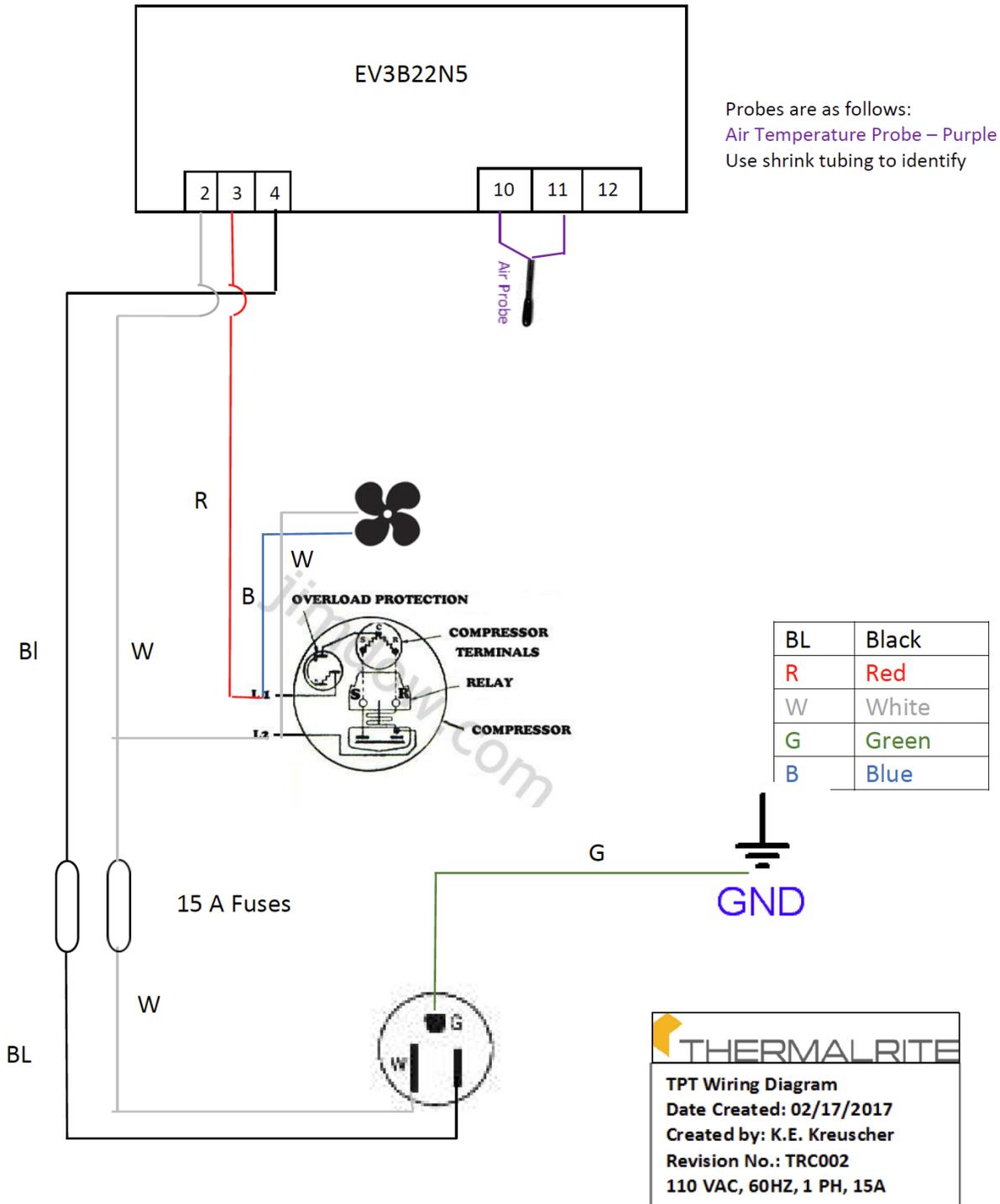
TRC84 Exploded Views



Number	Description	Part Number	Quantity
1	Curved Glass	GL-7007	1
2	Glass Side Piece	GL-7005	1
3	Condenser Assembly	RE-90006	1
4	Main Chassis	CH-3020	1
5	Control (EV3B22N5)	CN-3021	1
5A	Evaporator Probe	PR-70008	1
6	Compressor AE2411Z/110/50-60hz	RE-90007	1
7	Condenser Fan Motor Mount/Guard	GU-7006	1
8	Condenser Fan Blade	FN-6006	1
9	Condenser Fan Motor	FN-6007	1
10	Condenser Cover	PN-70011	1
10A	Condenser over Mounting Bracket	BK-2001	2
10B	Condenser Cover Mounting Bracket Screw	SC-100005	4
11	Evaporator Probe Cover	PR-70010	1
11A	Evaporator Probe Cover Rivet	RI-90009	2
12	Power Cord 16A	CD-3010	1
13	Capillary Tube	RE-90008	1
14	Fuse 20A	FU-6004	2
14A	Fuse Holder	FU-6005	1
15	Glass Mounting Screw	SC-100007	4
16	Glass Mounting Washer	WS-500001	8
17	Glass Spacer	SP-100008	4

18	Glass Mounting Bracket	BK-2002	4
19	Glass Mounting Cap Nut	NT-50001	4
20	Glass Locating Clip	CL-3021	6
21	Glass Hardware Kit Complete (Includes 15 thru 19)	HD-8003	1

TRC60, TRC84 Wiring Diagram Notes





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