

# Operation Manual, Parts Directory and Price List

---



## UNDERCOUNTER REFRIGERATOR

UCR24X-L, UCR24X-R, UCR24S-L, & UCR24S-R

---



UCR24X-L



UCR24S-L

### **IMPORTANT!!**

#### Attention Refrigeration Service Companies

Please review the important warranty information on page 4. If you believe a service call should be covered by the factory, please call the factory for authorization between 8AM and 5PM EST, Monday through Friday.

---

Glastender, Inc. · North Michigan Road · Saginaw, MI · 48604-9780  
800.748.0423 · 989.752.4275 · Fax 800.838.0888 / 989.752.4444 · [www.glastender.com](http://www.glastender.com)

---

## OPERATION

The operating temperature range is 36°F (2°C) to 40°F (5°C).

UCR24S models include an automatic defrost system. The refrigerator will defrost every six hours for approximately 20 minutes. During the defrost, the fan inside the cooler will remain on and the refrigeration system will turn off.

## TECHNICAL INFORMATION

- **Electrical:** 120 Volt AC, 1 Phase, 60 Hz. 4.7 full load Amps, 1/4HP A separate 15 Amp circuit is recommended. A 6-foot grounded cord and plug is included with self-contained models.
- **Plumbing:** Automatic condensate evaporator is included. No drain connection required.
- **Refrigerant:** 10.0 oz, R134a, Operating pressure high is 186 PSIG, low is 88 PSIG.

## CLEANING INSTRUCTIONS

Cleaning is essential to sustaining the integrity of your equipment and preventing corrosion.

**ESTIMATED CLEANING TIME:** 5 to 10 minutes per unit daily, 45 minutes quarterly

**FREQUENCY:** Daily cleaning of exterior & door gaskets. Quarterly cleaning of interior, including shelves.

### PROCEDURE:

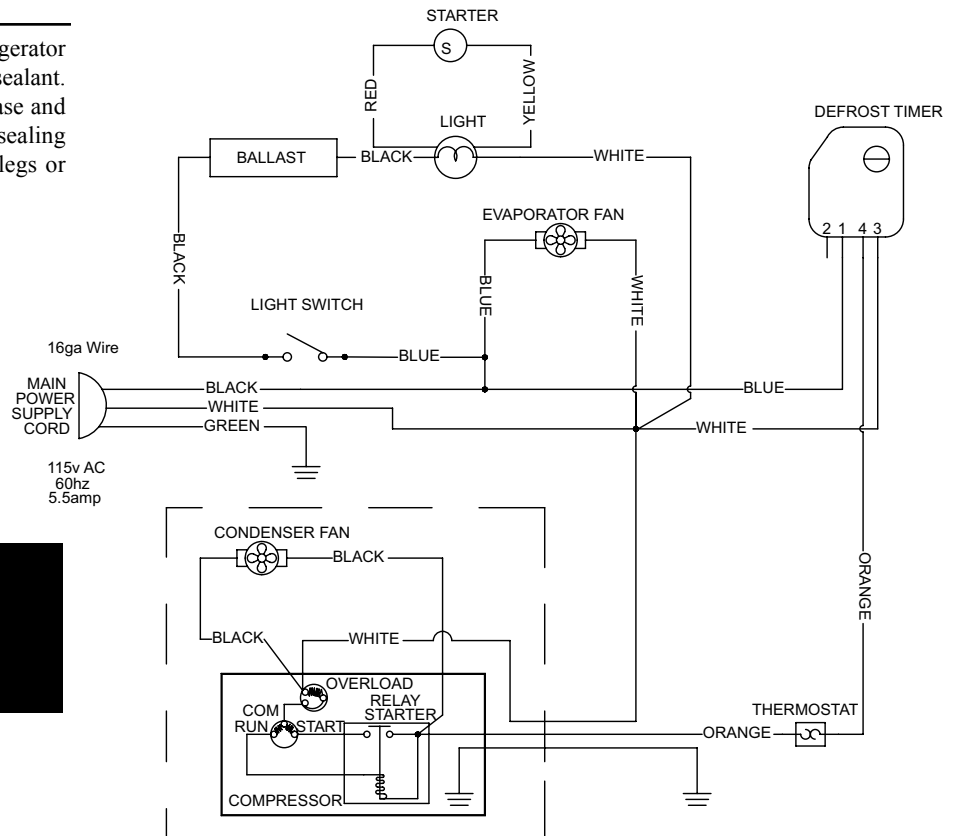
1. A non-chlorine based cleaner or mild detergent and warm water applied with a soft cloth or sponge to all contact surfaces.
2. Immediately rinse off cleaning agent(s), using clean warm water, clean soft cloth or sponge.
3. Dry with a soft clean cloth, removing standing water as soon as possible.

### NOTES:

1. Never use hydrochloric acid, wire brushes, steel wool, scrapers, or chlorine based cleaners on stainless steel surfaces, since they will break down the passivity layer and allow corrosion to occur.
2. On stainless steel surfaces, you may use a soft bristle brush or Scotch-Brite® pad for more stubborn stains. Always scrub with the direction of the grain. Follow with a thorough cleaning as described above.
3. Deposits from food preparation must be properly removed. Even hard water deposits will rust stainless steel, if not removed.
4. The cooler door gaskets are most often overlooked when cleaning. Failure to clean them regularly will lead to premature failure, since alcohol and moisture build-up breaks down the gasket material.

## SEALING REFRIGERATOR TO FLOOR

To comply with NSF & health codes, the refrigerator base must be sealed to the floor using NSF listed sealant. Place a bead of sealant along outer edges of the base and remove excess with disposable towel. The floor sealing procedure does not apply to models that include legs or casters.



ALL WIRE TO BE 16 GA.

# WIRING DIAGRAM UCR24 MODELS

# REPLACEMENT PARTS



| <u>PART No.</u> | <u>DESCRIPTION</u>  | <u>PRICE</u> |
|-----------------|---|--------------|
| 06001384        | Accumulator   | \$40.00      |
| 13000048        | Bracket, fan, condenser                                       | 4.50         |
| 13000030        | Bracket, fan, evaporator                                      | 4.00         |
| 11000121        | Capillary tubing, 0.036" x 48"                                | 20.00        |
| 11000084        | Compressor, 1/4 HP, R134A Tecumseh                            | 370.00       |
| 11000080        | Condenser coil  | 170.00       |
| 13000050        | Door  | 360.00       |
| 06003713        | Gasket, door, UCR24 cooler, black, 22½" x 23" OD              | 42.00        |
| 13000031        | Drain pan, condenser  | 40.00        |
| 13000002        | Drain pan, evaporator   | 45.00        |
| 07000504        | Evaporator coil, 6" x 16"                                     | 180.00       |
| 09000298        | Fan blade, 5 blade, black                                     | 5.00         |
| 07000155        | Fan blade, 5, silver  | 10.00        |
| 06001385        | Filter dryer, 1/4" x 1/4"                                     | 20.00        |
| 13000025        | Grill, compressor back  | 80.00        |
| 13000026        | Grill, front  | 35.00        |
| 06003721        | Handle, door, black polypropylene (before serial #134107902F) | 20.00        |
| 13000055        | Handle, door, stainless (serial #134107902F and after)        | 22.20        |
| 13000052        | Hinge set, left   | 25.00        |
| 13000053        | Hinge set, right  | 25.00        |
| 06001424        | Lens cover, fluorescent bulb                                  | 10.00        |
| 08000286        | Light socket with wire lead, set of 2                         | 4.00         |
| 09000333        | Light, fluorescent  | 23.50        |
| 13000062        | Lock, door  | 25.00        |
| 13000061        | Key, #C346A, for UCR24S door lock (13000062)                  | 4.00         |
| 06001449        | Motor, condenser fan, 6 watt, 115V                            | 95.00        |
| 06001445        | Motor, evaporator fan, 115V                                   | 35.00        |
| 06001303        | Overload, compressor  | 10.00        |
| 06001415        | Relay, compressor   | 19.00        |
| 06001412        | Rocker switch, light  | 5.00         |
| 06003714        | Shelf, 19.7" x 13.1" gray                                     | 77.00        |
| 13000028        | Shroud, evaporator  | 75.00        |
| 13000006        | Shroud, fan, condenser  | 25.00        |
| 06001421        | Starter base, fluorescent base                                | 18.00        |
| 06001420        | Starter, fluorescent  | 5.00         |
| 06001553        | Thermometer   | 6.00         |
| 06001405        | Thermostat, with knob, 34°                                    | 50.00        |
| 06001632        | Knob only   | 3.00         |
| 06001397        | Timer, defrost, automatic, 6 hour                             | 32.00        |
| 13000051        | Wicking material, 5 pieces, 2.5" x 6.75"                      | 14.00        |

**APPLICABLE TO ALL PRODUCTS SOLD WITHIN THE UNITED STATES AND CANADA**

**LABOR:** Glastender, Inc. warrants all products to be free of defects in material and workmanship. In established areas, a start-up is included with glasswasher models GT-24 and GT-30. A 1-year labor warranty applies to the following glasswashers: all GW24 models, GT-18 models purchased at May 1, 2011 or later pricing, and GT-24 and GT-30 models purchased at January 1, 2012 or later pricing. Self-contained refrigeration models, except beer line chillers, include a 1-year labor warranty, for the duration of one year from date of installation or up to 18 months from date of factory shipment, whichever occurs sooner. For warranty labor claims beyond 15 months from the date of factory shipment, proof of date of installation or occupancy must be provided. Authorization for labor must be obtained from Glastender within the warranty period and prior to the service being performed. Labor warranty applies to the United States and Canada only.

**PARTS:** Within one year from date of installation or 18 months from date of factory shipment, whichever occurs sooner, Glastender, Inc. will replace any part or assembly found defective under normal use and service. Field replacement parts include a warranty of 90 days from date of installation.

**FOUR YEAR ADDITIONAL COMPRESSOR WARRANTY:** Glastender will warrant to the original user the compressor for all self-contained refrigeration models for an additional four years following the regular one-year warranty period. This plan applies to the compressor only.

A warranty claim form **MUST** accompany all returned defective parts or assemblies. This form **MUST** be completed in full. Failure to do so may result in delay or denial of credit. Any defective part or assembly must be returned to Glastender, Inc., Saginaw, Michigan, with all transportation and delivery charges prepaid. Warranty repairs or replacements will be shipped FOB factory in Saginaw, Michigan. Reimbursement for applicable freight charges covers ground service only.

Glastender provides in-warranty repairs during a service company's regular working days and hours. There is no provision for payment of a premium rate during "overtime" hours. When warranty service is requested during other than normal working hours, the end user will be charged the premium portion of the overtime rate.

The warranty does not cover equipment subjected to accidents, freight damage, alterations from the original design, improper power and/or plumbing hookups, improper chemical use, general misuse, or lack of routine required maintenance as determined by Glastender, Inc. Installation, normal control adjustments, general maintenance, correcting an installation error, or service calls that reveal the unit is functioning normally will not be reimbursed under warranty.

Condenser coils on self-contained refrigeration products must be cleaned regularly. Failure to provide adequate air flow to a refrigeration unit will void the warranty.

Glastender shall not be liable for loss of use, revenue, or profit, or for any other indirect, incidental, special, or consequential damage including, but not limited to, product spoilage or loss.

This warranty is conditioned upon Glastender receiving notice of any defect subject to this warranty within sixty (60) days of its discovery by the end user or dealer. All products are warranted only for the initial place of installation. Removal of a product automatically terminates this warranty.

**SECOND YEAR EXTENDED PARTS & LABOR WARRANTY:**

Glastender's one-year parts and labor warranty on self-contained refrigeration units, excluding beer line chillers, can be extended to two years with the purchase of a two year parts and labor warranty. Specify part number EWR2 (\$150 net price) when ordering.

**EXPORT WARRANTY** - One year parts only.

**EXCLUSION OF WARRANTIES**

EXCEPT AS PROVIDED ABOVE, GLASTENDER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

**LIMITATION OF REMEDIES AND DAMAGES**

If Buyer makes a valid and timely claim as outlined above, Glastender's liability and Buyer's remedies under this agreement will be limited solely to labor charges authorized and/or replacement or credit, at Glastender's option, with respect to Products returned at Buyer's expense within thirty (30) days after warranty repair. **GLASTENDER'S LIABILITY WILL IN NO EVENT BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE RETURNED PRODUCTS. GLASTENDER WILL NOT BE LIABLE UNDER ANY CIRCUMSTANCE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LABOR COSTS EXCEPT AS COVERED UNDER OUR WARRANTY, LOST PROFITS OR THE LOSS OF PERISHABLE PRODUCTS RESULTING FROM THE USE OF OR INABILITY TO USE OUR PRODUCTS OR FROM OUR PRODUCTS' INCORPORATION INTO OR BECOMING A COMPONENT OF ANY OTHER PRODUCT. NEITHER PARTY WILL HAVE ANY NEGLIGENCE OR OTHER TORT LIABILITY TO THE OTHER, OR TO ANY THIRD PARTY, ARISING FROM ANY BREACH OF THIS AGREEMENT.**

**GOVERNING LAW - JURISDICTION**

The terms and conditions of an order are to be governed and construed according to the laws of the State of Michigan, without regard to conflict of laws principles. Buyer hereby consents to the jurisdiction and venue of the courts located in Saginaw County, Michigan.

No representative, distributor, dealer, or any other person is authorized to modify this warranty. This warranty replaces all other written or verbal warranties.

**NOTE:** Glastender, Inc.'s policy of constant quality improvement means that prices, specifications, and policies are subject to change without notice. Questions regarding this warranty should be directed to Glastender's Customer Service Representative.

11/11/11

**IMPORTANT!!****Attention Refrigeration Service Companies**

Please review the important warranty information on this page. If you believe a service call should be covered by the factory, please call the factory for authorization between 8AM and 5PM EST, Monday through Friday.