



**H. C. DUKE & SON, LLC.**

2116-8th Avenue • East Moline, Illinois 61244

## **REPLACEMENT PARTS MANUAL**

with Illustrations



**SOFT SERVE  
FREEZER  
Model  
GEN-101 &  
GEN-102**

184583-01 - 4/14



# ILLUSTRATIONS

Parts are listed on each page using terminology that best fits the function of the part. It is very important to know the serial number of the machine when ordering parts because many parts are not interchangeable from one serial number to another of the same model. The illustrations in this manual can be used as a reference for obtaining the correct part description and part number.

All parts listed in the manual should be ordered through:



H. C. Duke & Son, LLC  
 2116 - 8th Avenue  
 East Moline, Illinois 61244  
 Telephone: (309) 755-4553 or (800) 755-4545  
 Fax: (309) 755-9858  
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Use only original or authorized replacement parts with this freezer.  
 Use of unapproved parts will void warranty.

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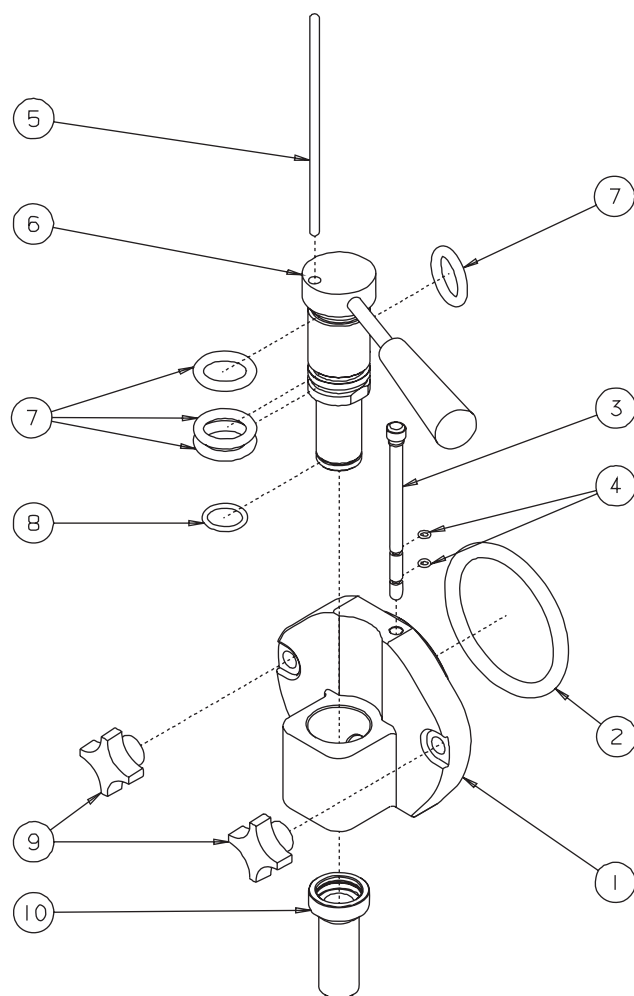
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M0131B

## Figure 1 Dispense Head Assembly

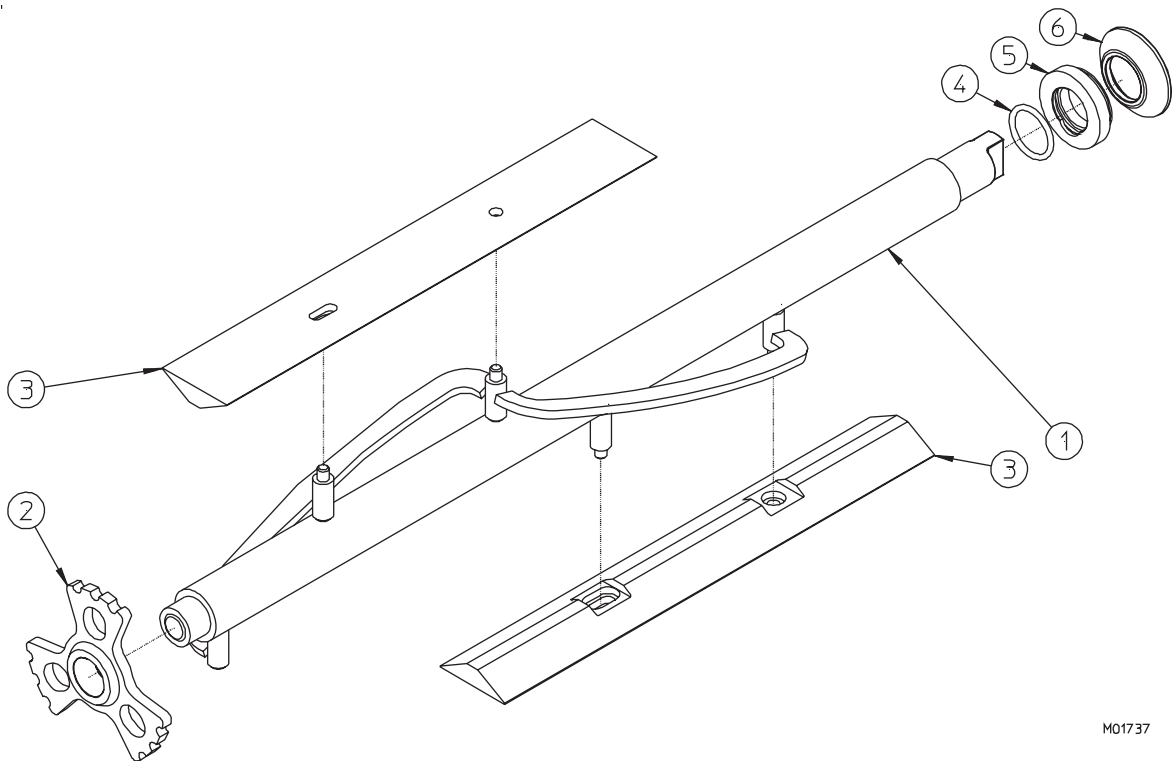
| Item     | Part No. | Description                         |
|----------|----------|-------------------------------------|
| * .....  | HC115130 | Head-Assy. Dispense (Complete)      |
| 1 .....  | HC116321 | Head (only)                         |
| 2 .....  | HC160583 | O-ring (Head)                       |
| 3 .....  | HC115129 | Bleeder-Assy.                       |
| 4 .....  | HC160562 | O-ring (Bleeder Assembly)           |
| 5 .....  | HC136126 | Rod-Spigot Switch                   |
| 6 .....  | HC134921 | Spigot-Long Single (less extension) |
| 6A ..... | HC162624 | Handle-Black Tapered                |
| 6B ..... | HC134922 | Handle-Spigot                       |
| 7 .....  | HC159295 | O-ring (Spigot)                     |
| 8 .....  | HC160584 | O-ring (Extension)                  |
| 9 .....  | HC162625 | Knob-Hand                           |
| 9A ..... | HC114341 | Stud-Assy. 1-15/16 inch (Not Shown) |
| 10 ..... | HC136713 | Extension-Spigot (Cake) (Optional)  |

\* Includes items 1-4, 6-8.

### Not Shown:

HC116410 Kit-Dispense Head Switch

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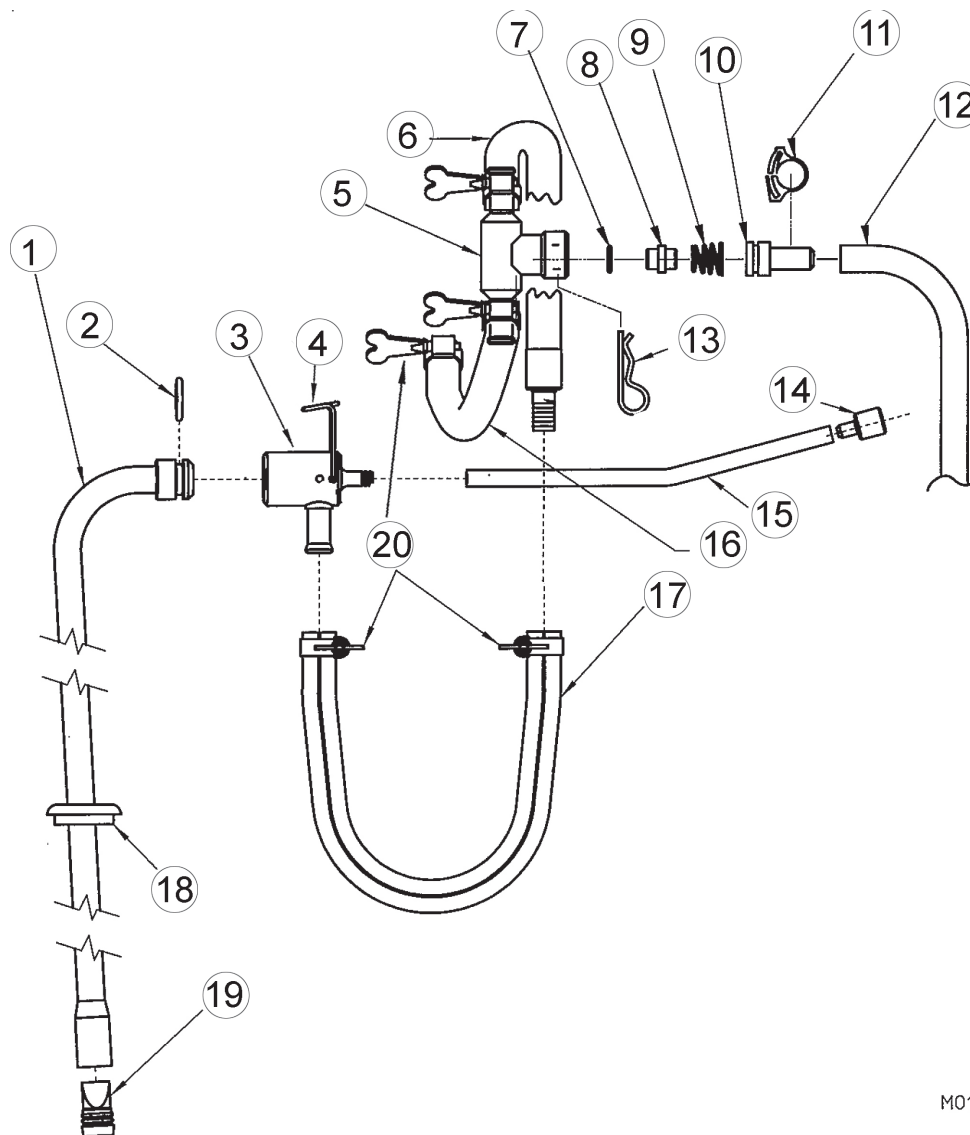
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Figure 2 Beater Shaft Assembly

| Item     | Part No. | Description              |
|----------|----------|--------------------------|
| 1.....   | HC113438 | Shaft-Assy. Beater       |
| 2.....   | HC196079 | Bushing-Cylinder         |
| 3.....   | HC137334 | Blade-Scraper Soft Serve |
| 4* ..... | HC160500 | O-ring (Seal)            |
| 5* ..... | HC133098 | Washer-Shaft Seal        |
| 6* ..... | HC160557 | Seal-Beater Shaft        |

\* Items 4,5,6 can be ordered together as:  
HC111875 Seal-Assy. Shaft

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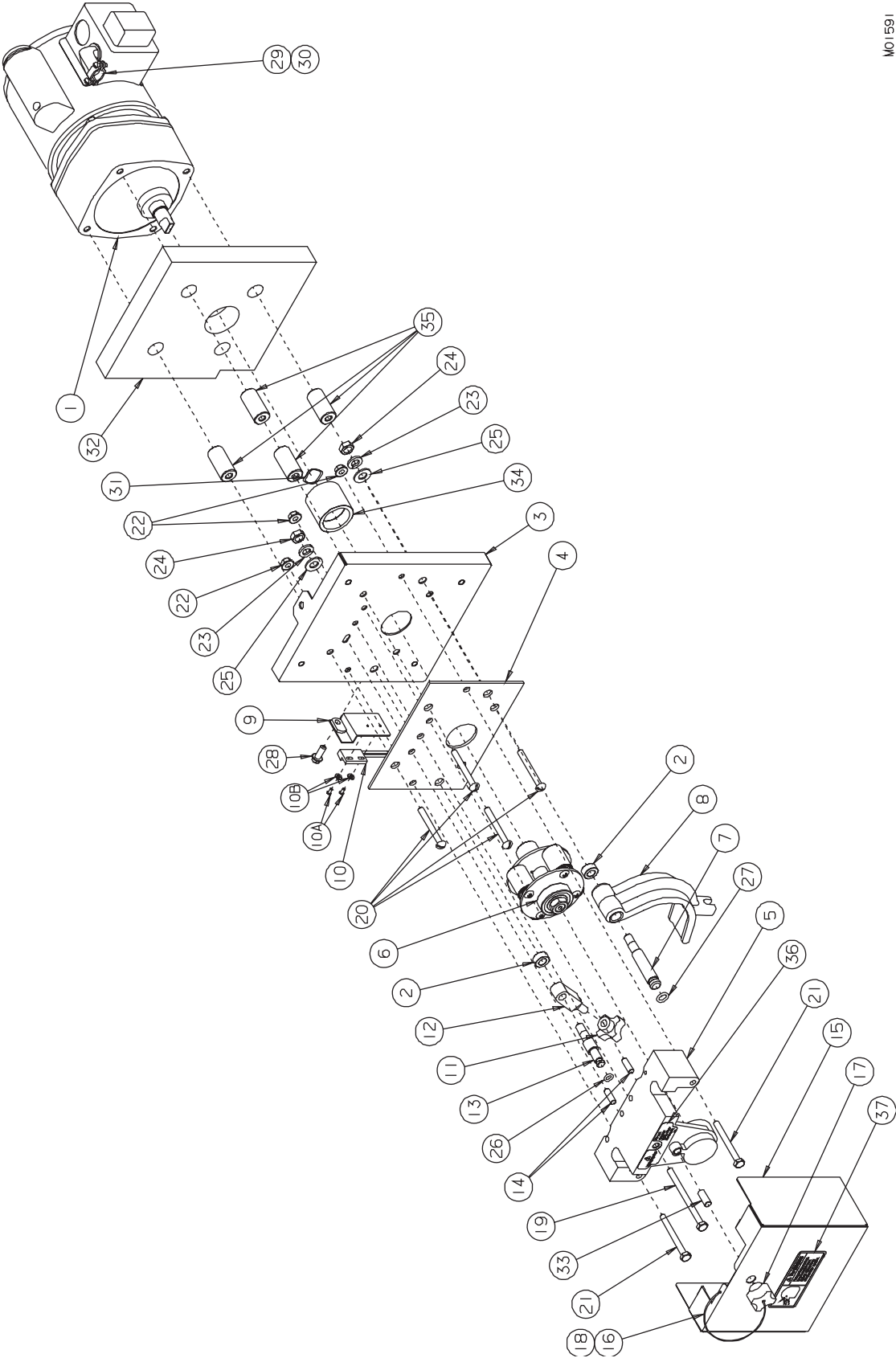
**Figure 3 MTS—RMT Hose Assembly**

| Item     | Part No.    | Description                       |
|----------|-------------|-----------------------------------|
| 1 .....  | HC138836    | Hose-Transfer Red Line            |
| 2 .....  | HC199032-01 | Duckbill-Inlet (Valve)            |
| 3 .....  | HC118765*   | Port-Assy. Inlet Mix/Air          |
| 4 .....  | HC138170-02 | Tube-Air 7½ in. (Hose)            |
| 5 .....  |             | Meter-Air (Order by meter number) |
| 6 .....  | HC116065    | Clamp-Assy. Soft Hose 5/8         |
| 7 .....  | HC116094    | Hose-Assy. Mix Braided            |
| 8 .....  | HC199033    | Boot-Mix Tube (Seal)              |
| 9 .....  | HC160502*   | O-ring                            |
| 10 ..... | HC162324*   | Clip-Tube Retainer                |
| 11 ..... | HC118836*   | Tube-Assy. Mix Inlet              |

\* Can be ordered as an assembly:  
HC118842 Tube-Assy. Pickup

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Figure 4      Mix Transfer System — RMT (Breakdown)



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## Figure 4 Mix Transfer System RMT (Parts)

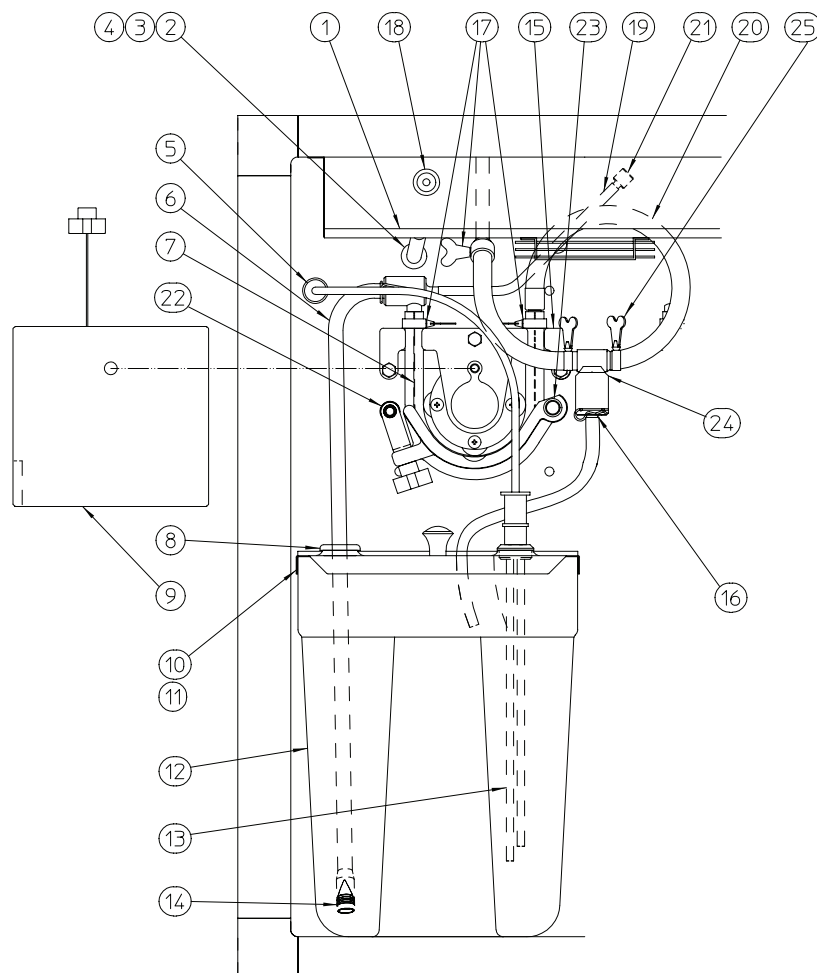
| Item      | Part No.    | Description                                                                                                                                                                                                                       |
|-----------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| * .....   | HC118751    | MT-Assy. CAB Red Line                                                                                                                                                                                                             |
| 1 .....   | HC119918    | Kit-Gearmotor Replacement Model RMT includes<br>HC150512 ..... Capacitor-Start w/Bleed<br>HC139046-01 ..... Gauge-Shaft Alignment RMT<br>HC150893 ..... Switch-Start Solid State (Relay)<br>HC160173 ..... Washer-Spring Wave SST |
| 2 .....   | HC138800    | Spacer-Swing Arm                                                                                                                                                                                                                  |
| 3 .....   | HC118764    | Faceplate-Assy. MTS                                                                                                                                                                                                               |
| 4 .....   | HC139746    | Plate-Backup MTS                                                                                                                                                                                                                  |
| 5 .....   | HC138783-01 | Support-Roller Bearing                                                                                                                                                                                                            |
| 6 .....   | HC116009-01 | Kit-Roller (Complete)                                                                                                                                                                                                             |
| 7 .....   | HC138797    | Arm-Shoe Pivot                                                                                                                                                                                                                    |
| 8 .....   | HC139751    | Shoe-Roller                                                                                                                                                                                                                       |
| 9 .....   | HC118763    | Bracket-Assy. Switch Mtg.                                                                                                                                                                                                         |
| 10 .....  | HC118894    | Kit-Cover Switch RMT Freezer includes<br>HC160357 ..... Screw-RDHM #4-40 x 1/4 STL<br>HC160393 ..... Washer-Flat #6 Brass                                                                                                         |
| 10A ..... |             |                                                                                                                                                                                                                                   |
| 10B ..... |             |                                                                                                                                                                                                                                   |
| 11 .....  | HC162622    | Knob-Hand                                                                                                                                                                                                                         |
| 12 .....  | HC138798    | Clamp-Shoe Swing                                                                                                                                                                                                                  |
| 13 .....  | HC138799    | Arm-Swing Clamp                                                                                                                                                                                                                   |
| 14 .....  | HC160338    | Pin-Dowel 1/4 DIA x 3/4 SST                                                                                                                                                                                                       |
| 15 .....  | HC119023    | Cover-Assy. RMT CAB includes<br>HC165246 ..... Decal-Warning Pressurized<br>HC138889 ..... Knob-Cover RMT<br>HC138890 ..... Lanyard-Wire<br>HC160508 ..... Sleeve-Cable Stop 3/64                                                 |
| 16 .....  | HC138890    | Lanyard-Wire                                                                                                                                                                                                                      |
| 17 .....  | HC138889    | Knob-Cover RMT                                                                                                                                                                                                                    |
| 18 .....  | HC160508    | Sleeve-Cable Stop 3/64                                                                                                                                                                                                            |
| 19 .....  | HC160465    | Screw-HXHC 1/4-20 x 3-1/2 SST                                                                                                                                                                                                     |
| 20 .....  | HC160093    | Screw-RHMS 1/4-28 x 2-1/4 SST                                                                                                                                                                                                     |
| 21 .....  | HC160464    | Screw-HXHC 1/4-20 x 2-1/2 SST                                                                                                                                                                                                     |
| 22 .....  | HC159933    | Nut-HXSF 1/4-20 SST                                                                                                                                                                                                               |
| 23 .....  | HC160169    | Washer-Flat 3/8 SST                                                                                                                                                                                                               |
| 24 .....  | HC159927    | Nut-HEX 3/8-16 SST                                                                                                                                                                                                                |
| 25 .....  | HC160170    | Washer-Lock 3/8 SST                                                                                                                                                                                                               |
| 26 .....  | HC160628    | O-ring (Swing Clamp)                                                                                                                                                                                                              |
| 27 .....  | HC160612    | O-ring (Roller Shoe)                                                                                                                                                                                                              |
| 28 .....  | HC159939    | Screw-HXSF 1/4-20 x 11/16 SST                                                                                                                                                                                                     |
| 29 .....  | HC150705    | Connector-3/8 x 90°                                                                                                                                                                                                               |
| 30 .....  | HC118833    | Cord-Assy. Motor                                                                                                                                                                                                                  |
| 31 .....  | HC160173    | Washer-Spring Wave SST                                                                                                                                                                                                            |
| 32 .....  | HC165524    | Block-Insulation RMT                                                                                                                                                                                                              |
| 33 .....  | HC160386    | Stud-5/16-18 x 3/4 SST                                                                                                                                                                                                            |
| 34 .....  | HC139756    | Shield-Drip                                                                                                                                                                                                                       |
| 35 .....  | HC138793    | Spacer-Motor                                                                                                                                                                                                                      |
| 36 .....  | HC165246    | Decal-Warning Pressurized                                                                                                                                                                                                         |
| 37 .....  | HC165048    | Decal-Warning Rotating Parts                                                                                                                                                                                                      |

\* Includes all items above.

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## Soft Serve Freezer Model GEN-101 & GEN-102

| AIR METERS |             |
|------------|-------------|
| Meter No.  | Part No.    |
| 9          | HC163423    |
| 10         | HC163424    |
| 11         | HC163425    |
| 12         | HC163426    |
| 13         | HC163421    |
| 13.5       | HC163421-05 |
| 14         | HC163427    |
| 14.5       | HC163427-05 |
| 15         | HC163428    |
| 15.5       | HC163428-05 |
| 16         | HC163429    |
| 16.5       | HC163429-05 |
| 17         | HC163430    |
| 17.5       | HC163430-05 |
| 18         | HC163431    |
| 18.5       | HC163431-05 |
| 19         | HC163432    |
| 19.5       | HC163432-05 |
| 20         | HC163433    |
| 20.5       | HC163433-05 |
| 21         | HC163434    |
| 21.5       | HC163434-05 |
| 22         | HC163435    |
| 22.5       | HC163435-05 |
| 23         | HC163436    |
| 24         | HC163437    |
| 25         | HC163438    |
| 26         | HC163439    |
| 28         | HC163440    |
| 30         | HC163441    |
| 31         | HC163442    |

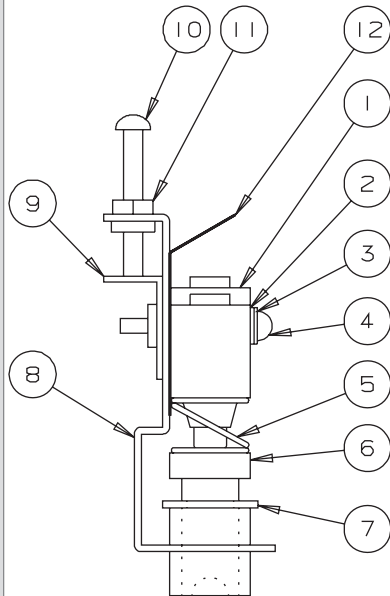


**Figure 5 Cabinet Parts**

M00838-01

| Item | Part No.    | Description                                                                                                                                                                                                             | Item              | Part No.    | Description                                      |
|------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|--------------------------------------------------|
| 1    | HC117129-01 | Shroud-Assy. Evaporator includes<br>HC150532 ... Cord-Assy. Male Plug<br>HC151105 ... Fan-Intake (Cabinet)<br>HC151076 ... Guard-Fan Open<br>HC150509 ... Switch-Door Push<br>Button<br>HC161004 ... Thermometer-Barrel | 9                 | HC119023    | Cover-Assy. RMT CAB                              |
| 1A   | HC155111    | Coil-Evaporator                                                                                                                                                                                                         | 10                | HC117553    | Cover-Assy. Mix Tank Front                       |
| 1B   | HC150533    | Cord-Assy. Female Plug                                                                                                                                                                                                  | 11                | HC140446    | Cover-Rear Mix                                   |
| 2    | HC160738    | Clamp-Hose 1/2 ID Delrin (Drain)                                                                                                                                                                                        | 12                | HC196100    | Tank-Mix 6 Gallon                                |
| 3    | HC196068    | Tubing-.375 ID x .500 OD PVC                                                                                                                                                                                            | 13                | HC115397    | Probe-Assy. Mix Level<br>10-3/4"                 |
| 4    | HC138919    | Tube-Drain Support                                                                                                                                                                                                      | 14                | HC199032-01 | Duckbill-Inlet RM MTS                            |
| 5    | HC150537    | Cordset-Mix Level Probe                                                                                                                                                                                                 | 15                | HC118751    | MT-Assy CAB Redline<br>(See Explode View-Fig. 5) |
| 5A   | HC150536    | Receptacle-Molded Level Sensor                                                                                                                                                                                          | 16                | HC161004    | Thermometer-Barrel                               |
| 6    | HC118842    | Tube-Assy. Pickup includes<br>HC118765 ... Port-Assy. Inlet Mix/Air<br>HC118836 ... Tube-Assy. Mix Inlet<br>HC162324 ... Clip-Tube Retainer<br>HC160502 ... O-ring                                                      | 17                | HC116065    | Clamp-Assy. Soft Hose 5/8                        |
| 7    | HC138836    | Hose-Transfer Red Line                                                                                                                                                                                                  | 18                | HC150509    | Switch-Door Push Button                          |
| 8    | HC199033    | Boot-Mix Tube                                                                                                                                                                                                           | 18A               | HC118597    | Actuator-Assy. Door Switch                       |
|      |             |                                                                                                                                                                                                                         | 19                | HC138170-02 | Tube-Air 7-1/2 in.                               |
|      |             |                                                                                                                                                                                                                         | 20                | HC116094    | Hose-Assy. Mix Braided                           |
|      |             |                                                                                                                                                                                                                         | 21                |             | Meter-Air (Order by meter<br>number)             |
|      |             |                                                                                                                                                                                                                         | 22                | HC160628    | O-ring (Swing Clamp)                             |
|      |             |                                                                                                                                                                                                                         | 23                | HC160612    | O-ring (Roller Shoe)                             |
|      |             |                                                                                                                                                                                                                         | <b>Not Shown:</b> |             |                                                  |
|      |             |                                                                                                                                                                                                                         |                   | HC162006    | Plug-Button Flush Type                           |

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**Figure 6 Spigot Switch Assembly**

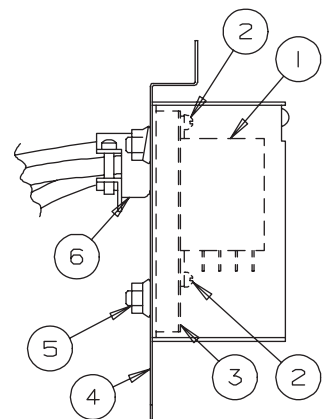
| Item | Part No. | Description                      |
|------|----------|----------------------------------|
| *    | HC113903 | Switch-Assy. Spigot              |
| 1    | HC150456 | Switch-Snap Button               |
| 2    | HC160393 | Washer-Flat #6 Brass             |
| 3    | HC160392 | Washer-Ext. Tooth #6 ZN          |
| 4    | HC160296 | Screw-RDHM #6-32 x 1-1/4 SST     |
| 5    | HC162321 | Spring-Spigot Switch             |
| 6    | HC136124 | Button-Spigot Switch             |
| 7    | HC160303 | Ring-Retaining 1/2 External      |
| 8    | HC113902 | Bracket-Assy. Spigot Switch Mtg. |
| 9    | HC113901 | Bracket-Assy. Adjusting          |
| 10   | HC160267 | Screw-RDHM #8-32 x 7/8 Brass     |
| 11   | HC160102 | Nut-Hex #8-32 ZN                 |
| 12   | HC135744 | Insulator-Switch                 |

\* Includes all items above.

**Figure 7 Relay Box — MTS**

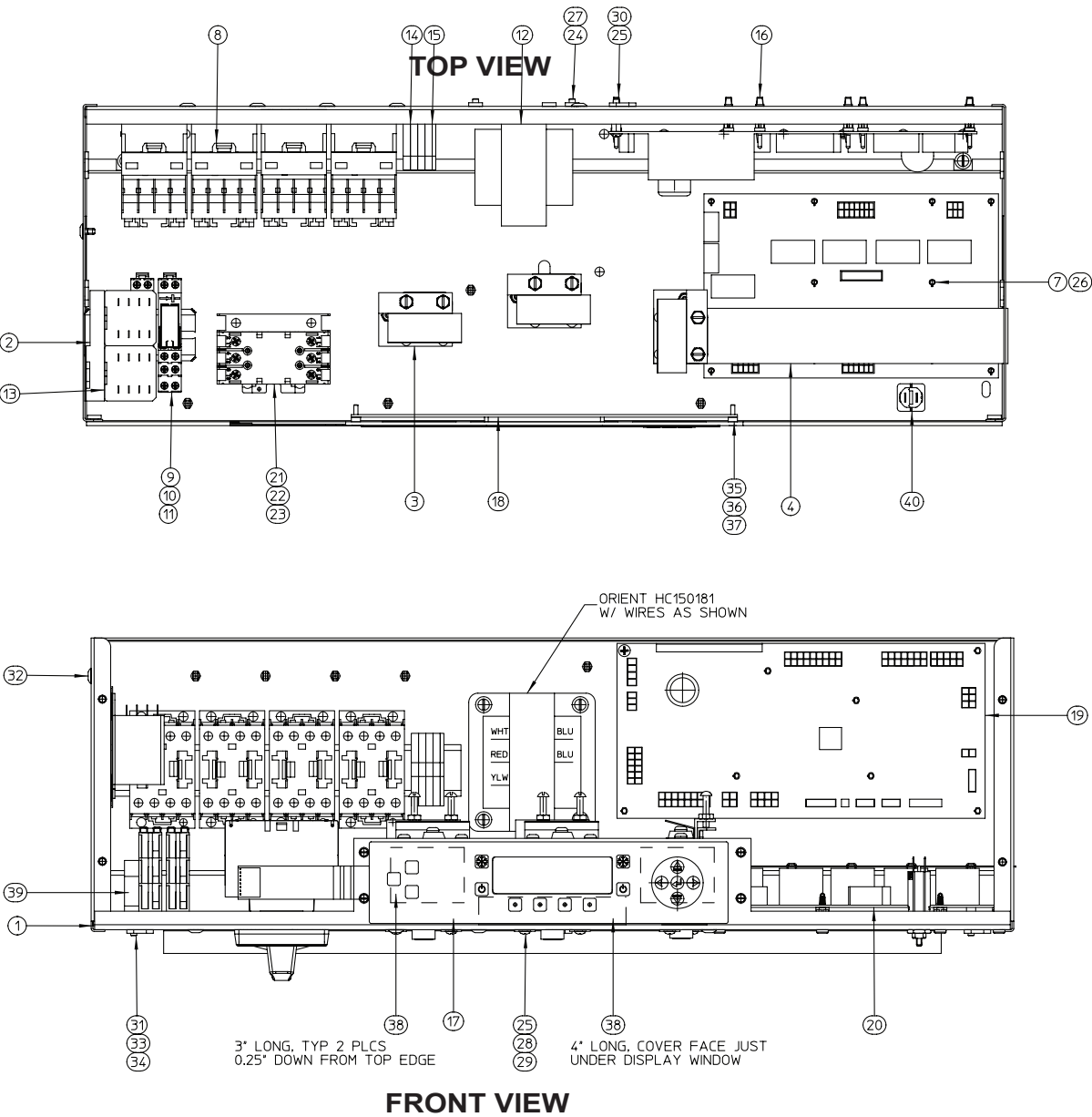
| Item | Part No. | Description                                   |
|------|----------|-----------------------------------------------|
| *    | HC120233 | Box-Assy. Relay 24V Rear Connector (Complete) |
| 1    | HC150343 | Relay-Control Flange DPDT 24VAC               |
| 2    | HC160308 | Screw-RDHM #6-32 x 5/16 ZN                    |
| 2A   | HC160116 | Nut-Speed #6-32 BKOX                          |
| 3    | HC138159 | Bracket-Flange Relay Mtg.                     |
| 4    | HC139805 | Support-MTS                                   |
| 5    | HC159950 | Screw-HXSF 1/4-20 x 1/2 ZN                    |
| 5A   | HC159951 | Nut-HXSF 1/4-20 ZN                            |
| 6    | HC150828 | Connector-1/2                                 |

\* Includes item 1 through 6 plus box and wiring.



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Figure 8 Switch Box (Breakdown)



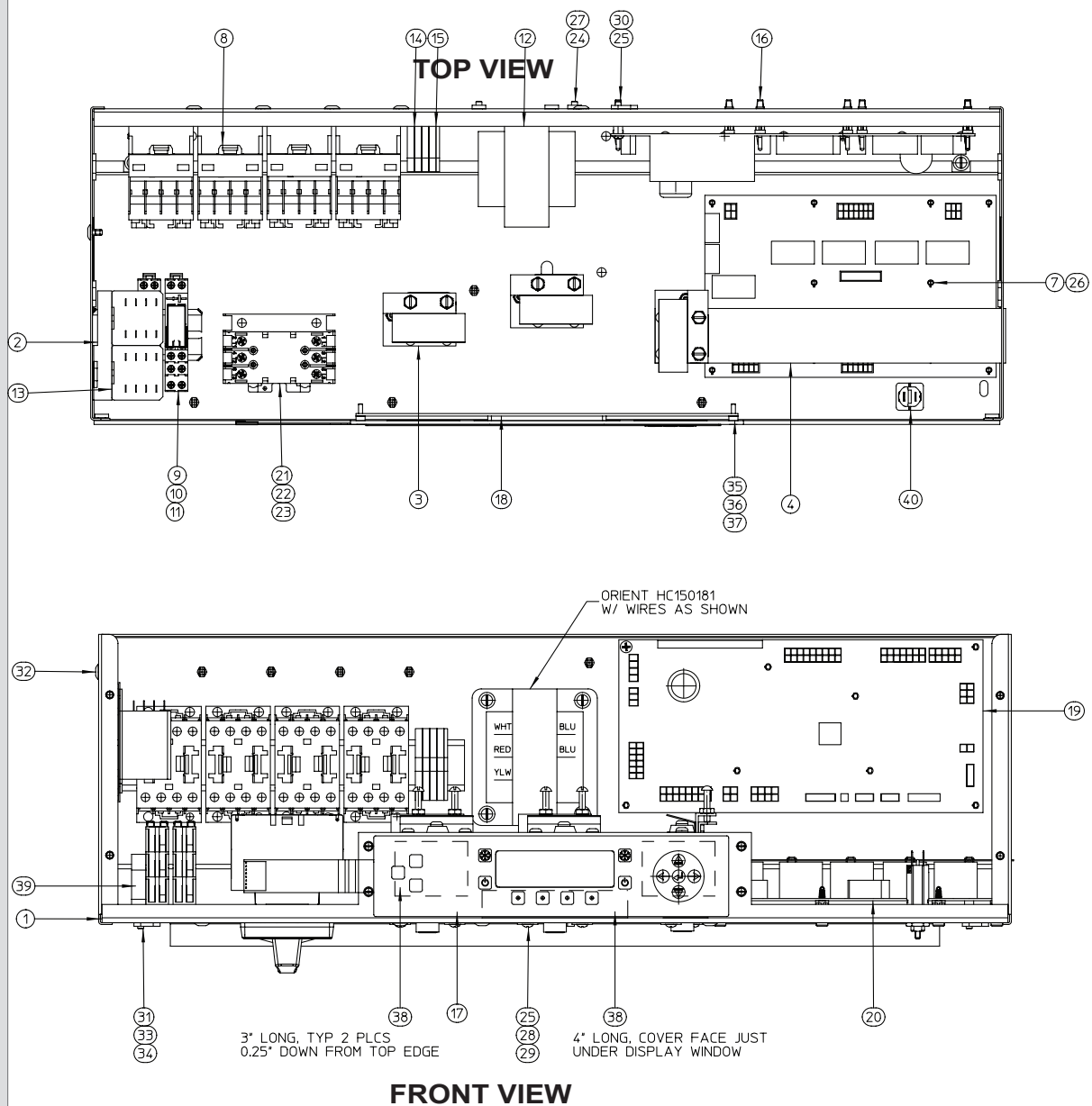
Use only original or authorized replacement parts with this freezer.  
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## Figure 8 Switch Box (Parts)

| Item      | Part No.          | Description                                                                                                                                                             |
|-----------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 .....   | HC150182 .....    | Breaker-Circuit 4A                                                                                                                                                      |
| 2 .....   | HC150795 .....    | Strip-Terminal                                                                                                                                                          |
| 3 .....   | HC150343 .....    | Relay-Control Flange DPDT 24VAC                                                                                                                                         |
| 4 .....   | HC150164 .....    | Relay-Miniature SPDT 24V Coil                                                                                                                                           |
| 4A .....  | HC150165 .....    | Socket-Miniature Relay Clamp (4) (Not Shown)                                                                                                                            |
| 4B .....  | HC150166 .....    | Clip-Miniature Relay Retaining (4) (Not Shown)                                                                                                                          |
| 5 .....   | HC120116 .....    | Relay-Assy. Overload 6-10A includes<br>HC150173 ..... Adaptor-Overload Din Rail<br>HC150101 ..... Adapter-Reset<br>HC150176 ..... Relay-Overload Bi-metal 1 & 3ph 6-10A |
| 6 .....   | HC150136 .....    | Contactor-IEC 23A 24V Coil (Beater Motor)                                                                                                                               |
| 6A .....  | HC150133 .....    | Coil-Replace 24V (Not Shown)                                                                                                                                            |
| 7 .....   | HC150136 .....    | Contactor-IEC 23A 24V Coil (Compressor & Fan)                                                                                                                           |
| 7A .....  | HC150133 .....    | Coil-Replace 24V (Contactor)(Not Shown)                                                                                                                                 |
| 8 .....   | HC150278 .....    | Indicator-Mix Level 24V                                                                                                                                                 |
| 8A .....  | HC150541 .....    | Light-Indicator 28V ADD MIX (Not Shown)                                                                                                                                 |
| 8B .....  | HC150119 .....    | Socket-Octal                                                                                                                                                            |
| 8C .....  | HC150120 .....    | Clip-Retainer (set of 2)                                                                                                                                                |
| 9 .....   | HC150261-01 ..... | Timer-DOB .5-45 Sec 24VAC                                                                                                                                               |
| 10 .....  | HC120095 .....    | Kit-Timer Wiring Instructions                                                                                                                                           |
| 11 .....  | HC150560 .....    | Timer-.05-3S DOM 24V                                                                                                                                                    |
| 12 .....  | HC150257 .....    | Module-Plug on VariTime                                                                                                                                                 |
| 13 .....  | HC150146 .....    | Deck-Adder 1 NO 1 NC                                                                                                                                                    |
| 14 .....  | HC150218 .....    | Timer-5 Minute                                                                                                                                                          |
| 14A ..... | HC162604 .....    | Knob-Timer                                                                                                                                                              |
| 15 .....  | HC120119 .....    | Lever-Assy. Reset & Button 193TA includes<br>HC159036 ..... Button-Reset                                                                                                |
| 16 .....  | HC150465 .....    | Switch-Toggle 3PDT Center OFF (Selector)                                                                                                                                |
| 17 .....  | HC113903 .....    | Switch-Assy. Spigot (See Figure 6)<br>HC150456 ..... Switch-Snap Button<br>HC162321 ..... Spring-Spigot Switch                                                          |
| 18 .....  | HC159235 .....    | Switch-Toggle SPST (Mix Transfer System)                                                                                                                                |
| 19 .....  | HC159235 .....    | Switch-Toggle SPST (Cabinet)                                                                                                                                            |

Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

**Figure 9 GEN-102 Switch Box (Breakdown)**



Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

## Figure 9 GEN-102 Switch Box (Parts)

| Item      | Part No.          | Description                                          |
|-----------|-------------------|------------------------------------------------------|
| 1 .....   | HC150182 .....    | Breaker-Circuit 4A                                   |
| 2 .....   | HC150795 .....    | Strip-Terminal                                       |
| 3 .....   | HC150343 .....    | Relay-Control Flange DPDT 24VAC                      |
| 4 .....   | HC150164 .....    | Relay-Miniature SPDT 24V Coil                        |
| 4A .....  | HC150165 .....    | Socket-Miniature Relay Clamp (4) (Not Shown)         |
| 4B .....  | HC150166 .....    | Clip-Miniature Relay Retaining (4) (Not Shown)       |
| 5 .....   | HC120116 .....    | Relay-Assy. Overload 6-10A includes                  |
|           |                   | HC150173 ..... Adaptor-Overload Din Rail             |
|           |                   | HC150101 ..... Adapter-Reset                         |
|           |                   | HC150176 ..... Relay-Overload Bi-metal 1 & 3ph 6-10A |
| 6 .....   | HC150136 .....    | Contactor-IEC 23A 24V Coil (Beater Motor)            |
| 6A .....  | HC150133 .....    | Coil-Replace 24V (Not Shown)                         |
| 7 .....   | HC150136 .....    | Contactor-IEC 23A 24V Coil (Compressor & Fan)        |
| 7A .....  | HC150133 .....    | Coil-Replace 24V (Contactor)(Not Shown)              |
| 8 .....   | HC150278 .....    | Indicator-Mix Level 24V                              |
| 8A .....  | HC150541 .....    | Light-Indicator 28V ADD MIX (Not Shown)              |
| 8B .....  | HC150119 .....    | Socket-Octal                                         |
| 8C .....  | HC150120 .....    | Clip-Retainer (set of 2)                             |
| 9 .....   | HC150261-01 ..... | Timer-DOB .5-45 Sec 24VAC                            |
| 10 .....  | HC120095 .....    | Kit-Timer Wiring Instructions                        |
| 11 .....  | HC150560 .....    | Timer-.05-3S DOM 24V                                 |
| 12 .....  | HC150257 .....    | Module-Plug on VariTime                              |
| 13 .....  | HC150146 .....    | Deck-Adder 1 NO 1 NC                                 |
| 14 .....  | HC150218 .....    | Timer-5 Minute                                       |
| 14A ..... | HC162604 .....    | Knob-Timer                                           |
| 15 .....  | HC120119 .....    | Lever-Assy. Reset & Button 193TA includes            |
|           |                   | HC159036 ..... Button-Reset                          |
| 16 .....  | HC150465 .....    | Switch-Toggle 3PDT Center OFF (Selector)             |
| 17 .....  | HC113903 .....    | Switch-Assy. Spigot (See Figure 6)                   |
|           |                   | HC150456 ..... Switch-Snap Button                    |
|           |                   | HC162321 ..... Spring-Spigot Switch                  |
| 18 .....  | HC159235 .....    | Switch-Toggle SPST (Mix Transfer System)             |
| 19 .....  | HC159235 .....    | Switch-Toggle SPST (Cabinet)                         |

Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

Figure 10 GEN-101 Panel Assembly (Breakdown)

| Hardware for Panels for 929 RMT |           |           |           |                    |
|---------------------------------|-----------|-----------|-----------|--------------------|
| Panel                           | Screw     | Nut-Speed | Spacer    | Nut-Speed on Frame |
| Channel-Rear                    | HC 160048 | HC 160117 | n/a       | n/a                |
| Dispense                        | HC 160076 | HC 159132 | n/a       | n/a                |
| Front                           | HC 160076 | n/a       | n/a       | HC 159067          |
| Rear                            | HC 159219 | HC 160114 | HC 138496 | n/a                |
| Side                            | HC 159219 | HC 160114 | HC 138496 | n/a                |
| Top                             | HC 160005 | n/a       | n/a       | n/a                |
| Trim Strip                      | HC 160076 | HC 159067 | n/a       | n/a                |
| n/a - Not Applicable            |           |           |           |                    |

Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

**Figure 10 GEN-101 Panel Assembly (Parts)**

| Item    | Part No.             | Description                                       |
|---------|----------------------|---------------------------------------------------|
| 1.....  | HC114157-01.....     | Panel-Assy Top (WC and AC Remote)                 |
|         | ..... HC116567 ..... | Panel-Assy Top (AC)                               |
| 2.....  | HC135254.....        | Channel-Rear LH                                   |
| 3.....  | HC136289.....        | Panel-Side LH                                     |
| 4.....  | HC136313.....        | Panel-Rear                                        |
|         | HC138982.....        | Panel-Upper Rear (AC Remote)(Not Shown)           |
|         | HC138983.....        | Panel-Lower Rear (AC Remote)(Not Shown)           |
| 5.....  | HC130021.....        | Channel-Rear RH                                   |
| 6.....  | HC136216.....        | Panel-Side RH                                     |
| 7.....  | HC115115 .....       | Panel-Assy Front includes                         |
|         | HC159175 .....       | Catch-Bullet (Drip Tray Button)                   |
|         | HC160289 .....       | Nut-Push Round (Clip for Button)                  |
| 8.....  | HC159050.....        | Receptacle-Snap In                                |
| 9.....  | HC159175.....        | Catch-Bullet .268 OD x .343 ST (Drip Tray Button) |
| 9A....  | HC160289.....        | Nut-Push Round (Clip for Button) (Not Shown)      |
| 10..... | HC116355.....        | Cover-Assy. Electric Box                          |
| 11..... | HC150561-01.....     | Light-Pilot Red 24v (Compressor)                  |
| 12..... | HC150562-01.....     | Light-Pilot Amber 24v (Beater Motor)              |
| 13..... | HC119336-02.....     | Trimstrip-Assy. 26 in. IDQ                        |
| 14..... | HC140133.....        | Panel-Dispense                                    |
| 15..... | HC150541.....        | Light-Indicator 28v "Add Mix"                     |
| 16..... | HC114341.....        | Stud-Assy. Cylinder 1-15/16"                      |
| 17..... | HC162045.....        | Hinge-Pivot 1-3/8" Top LH includes                |
|         | HC162052 .....       | Spring L.H.                                       |
| 18..... | HC118597.....        | Actuator-Assy. Door Switch                        |
| 19..... | HC136199.....        | Pull-Door (Handle)                                |
| 20..... | HC114260-03.....     | Door Assy-Complete 26 in. IDQ includes            |
|         | HC160563 .....       | Gasket-Magnetic                                   |
|         | HC136199 .....       | Door-Pull (Handle)                                |
| 21..... | HC162046.....        | Hinge-Pivot 1-3/8" Bottom LH                      |
| 22..... | HC196108-01.....     | Tray-Drip 26" White                               |
| 23..... | HC114608.....        | Insert-Assy. Drip Tray Assy includes              |
|         | HC199030 .....       | Bumper-Rubber                                     |

AC = Air Cooled

WC = Water Cooled

ACR = Air Cooled Remote

LH = Left hand side of freezer when facing front.

RH = Right hand side of freezer when facing

| Panel Decals & Labels |                        |
|-----------------------|------------------------|
| Part No.              | Description            |
| HC 165119             | 6" Air Flow            |
| HC 165025             | Beater Warning         |
| HC 164031             | Blade Installation     |
| HC 165249             | Cleaning Instructions  |
| HC 165083             | Clear Overlay          |
| HC 165013             | CMT Patent             |
| HC 165002             | General Purpose Recept |
| HC 164110             | MTS Connect Red Line   |
| HC 164127             | Operating Instructions |
| HC 165126             | Panel Removal          |
| HC 165124             | Top Air Discharge      |
| HC 165440-02          | Trimstrip IDQ 26"      |
| HC 165133-01          | Trimstrip LH           |
| HC 164476-01          | Trimstrip RH           |
| HC 165246             | Warning - Pressurized  |

Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

Figure 11 GEN-102 Panel Assembly (Breakdown)

| Hardware for Panels for 929RMT |           |           |           |                    |
|--------------------------------|-----------|-----------|-----------|--------------------|
| Panel                          | Screw     | Nut-Speed | Spacer    | Nut-Speed on Frame |
| Channel-Rear                   | HC 160048 | HC 160117 | n/a       | n/a                |
| Dispense                       | HC 160076 | HC 159132 | n/a       | n/a                |
| Front                          | HC 160076 | n/a       | n/a       | HC 159067          |
| Rear                           | HC 159219 | HC 160114 | HC 138496 | n/a                |
| Side                           | HC 159219 | HC 160114 | HC 138496 | n/a                |
| Top                            | HC 160025 | n/a       | n/a       | n/a                |
| Trim Strip                     | HC 160076 | HC 159067 | n/a       | n/a                |
| n/a - Not Applicable           |           |           |           |                    |

Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

**Figure 11 GEN-102 Panel Assembly (Parts)**

| Item    | Part No.         | Description                                       |
|---------|------------------|---------------------------------------------------|
| 1.....  | HC114157-01..... | Panel-Assy Top (WC and AC Remote)                 |
| .....   | HC116567.....    | Panel-Assy Top (AC)                               |
| 2.....  | HC135254.....    | Channel-Rear LH                                   |
| 3.....  | HC136289.....    | Panel-Side LH                                     |
| 4.....  | HC136313.....    | Panel-Rear                                        |
| .....   | HC138982.....    | Panel-Upper Rear (AC Remote)(Not Shown)           |
| .....   | HC138983.....    | Panel-Lower Rear (AC Remote)(Not Shown)           |
| 5.....  | HC130021.....    | Channel-Rear RH                                   |
| 6.....  | HC136216.....    | Panel-Side RH                                     |
| 7.....  | HC115115.....    | Panel-Assy Front includes                         |
| .....   | HC159175.....    | Catch-Bullet (Drip Tray Button)                   |
| .....   | HC160289.....    | Nut-Push Round (Clip for Button)                  |
| 8.....  | HC159050.....    | Receptacle-Snap In                                |
| 9.....  | HC159175.....    | Catch-Bullet .268 OD x .343 ST (Drip Tray Button) |
| 9A..... | HC160289.....    | Nut-Push Round (Clip for Button) (Not Shown)      |
| 10..... | HC116355.....    | Cover-Assy. Electric Box                          |
| 11..... | HC150561-01..... | Light-Pilot Red 24v (Compressor)                  |
| 12..... | HC150562-01..... | Light-Pilot Amber 24v (Beater Motor)              |
| 13..... | HC119336-02..... | Trimstrip-Assy. 26 in. IDQ                        |
| 14..... | HC140133.....    | Panel-Dispense                                    |
| 15..... | HC150541.....    | Light-Indicator 28v "Add Mix"                     |
| 16..... | HC114341.....    | Stud-Assy. Cylinder 1-15/16"                      |
| 17..... | HC162045.....    | Hinge-Pivot 1-3/8" Top LH includes                |
| .....   | HC162052.....    | Spring L.H.                                       |
| 18..... | HC118597.....    | Actuator-Assy. Door Switch                        |
| 19..... | HC136199.....    | Pull-Door (Handle)                                |
| 20..... | HC114260-03..... | Door Assy-Complete 26 in. IDQ includes            |
| .....   | HC160563.....    | Gasket-Magnetic                                   |
| .....   | HC136199.....    | Door-Pull (Handle)                                |
| 21..... | HC162046.....    | Hinge-Pivot 1-3/8" Bottom LH                      |
| 22..... | HC196108-01..... | Tray-Drip 26" White                               |
| 23..... | HC114608.....    | Insert-Assy. Drip Tray Assy includes              |
| .....   | HC199030.....    | Bumper-Rubber                                     |

AC = Air Cooled

WC = Water Cooled

ACR = Air Cooled Remote

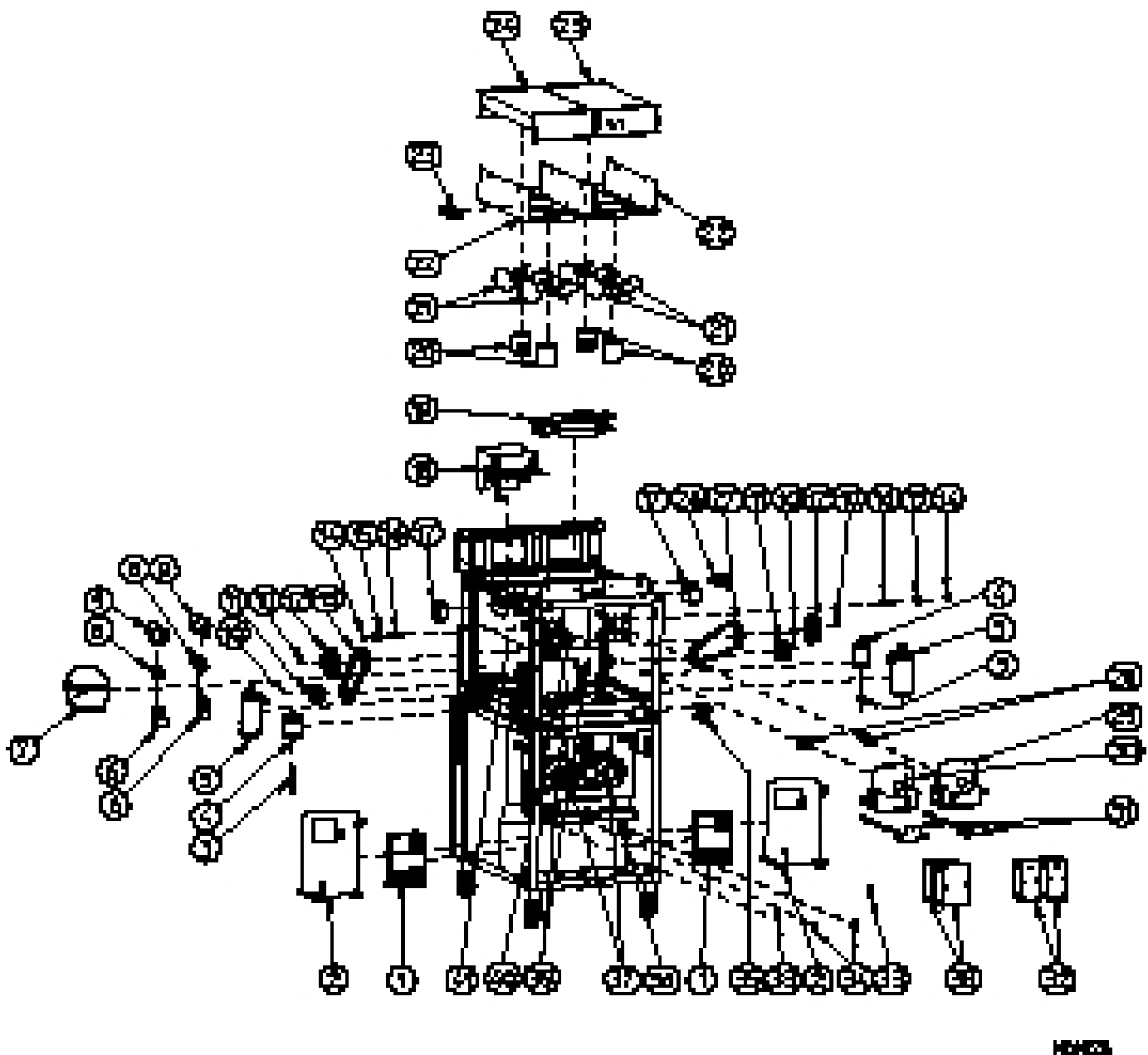
LH = Left hand side of freezer when facing front.

RH = Right hand side of freezer when facing front.

| Panel Decals & Labels |                        |
|-----------------------|------------------------|
| Part No.              | Description            |
| HC 165119             | 6" Air Flow            |
| HC 165025             | Beater Warning         |
| HC 164031             | Blade Installation     |
| HC 165249             | Cleaning Instructions  |
| HC 165093             | Clear Overlay          |
| HC 165013             | CMT Patent             |
| HC 165002             | General Purpose Recept |
| HC 164110             | MTS Connect Red Line   |
| HC 164127             | Operating Instructions |
| HC 165126             | Panel Removal          |
| HC 165124             | Top Air Discharge      |
| HC 165402-02          | Trimstrip IDQ 26"      |
| HC 165133-01          | Trimstrip LH           |
| HC 164476-01          | Trimstrip RH           |
| HC 165246             | Warning - Pressurized  |

Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

Figure 12 GEN-101 Side/Rear View (Breakdown)



MODEL

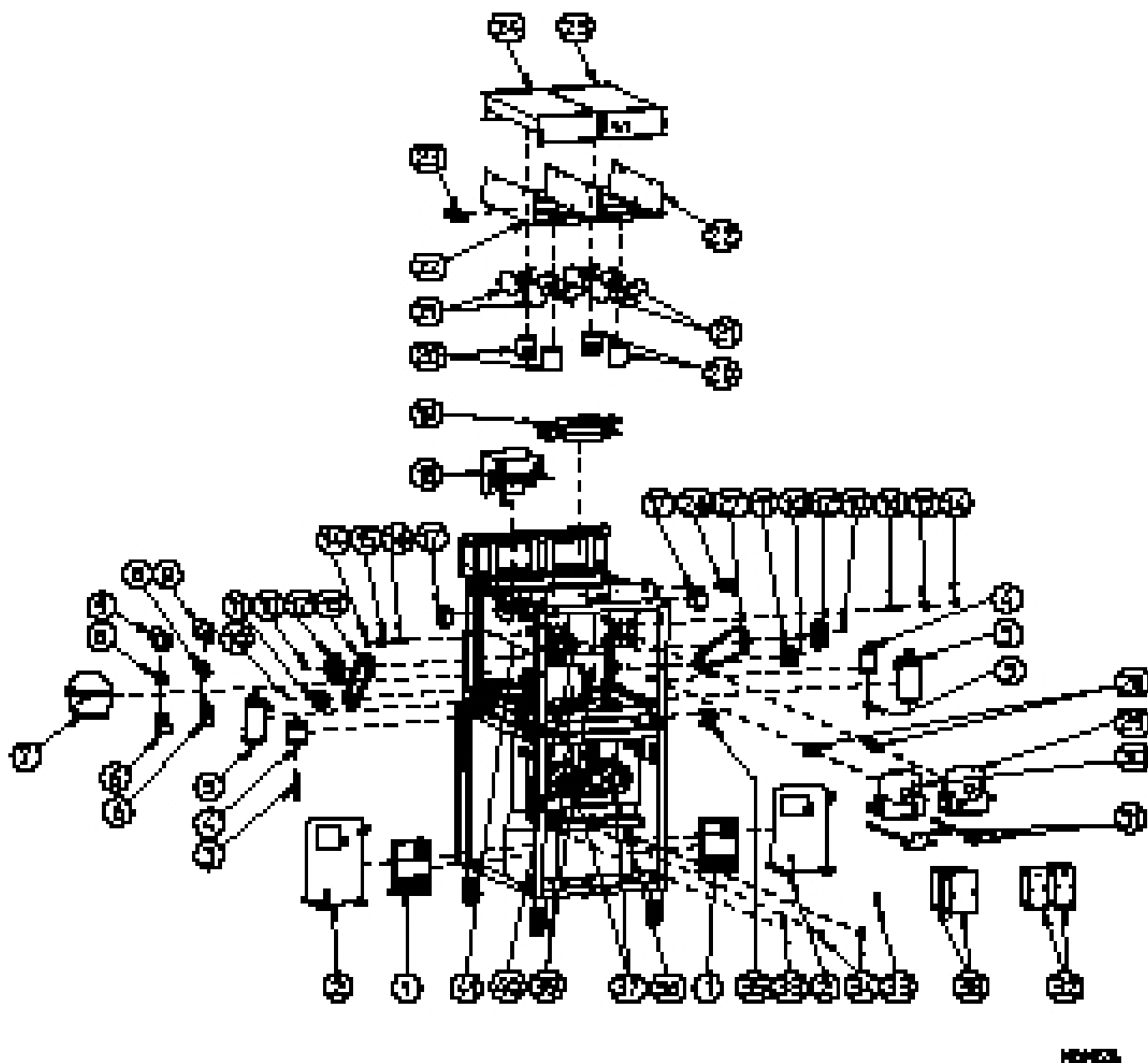
Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

**Figure 12 GEN-101 Side/Rear View (Parts)**

| Item     | Part No     | Description                                                                                                                                                                                                                                                      | Item                                                                                                                                                                                                                                                                                                                                | Part No  | Description                                                                                                                       |
|----------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1.....   | -----       | Box-Assy. Capacitor & Relay<br>(1 Phase Only)(Compressor)<br>HC150362 ..... Capacitor-Run<br>HC151460 ..... Capacitor-Start<br>HC151459 ..... Relay-Compressor                                                                                                   | 23.....                                                                                                                                                                                                                                                                                                                             | HC120123 | Tube-Assy Suction Cap Dryer<br>(AC)                                                                                               |
| 2.....   | HC119508    | Compressor-Assy (1 Phase) includes<br>compressor and<br>HC150362 ..... Capacitor-Run<br>HC151460 ..... Capacitor-Start<br>HC155054 ..... Filter-Drier<br>HC151478 ..... Grommet-Comp.Mtg.<br>HC151459 ..... Relay-Compressor<br>HC151479 ..... Sleeve-Comp. Mtg. | 24.....                                                                                                                                                                                                                                                                                                                             | HC155101 | Condenser-Air Rifled (AC)                                                                                                         |
| or ..... | HC119815    | Compressor-Assy. (3 Phase) in-<br>cludes compressor and<br>HC155054 ..... Filter-Drier<br>HC151478 ..... Grommet-Comp.Mtg.<br>HC151479 ..... Sleeve-Comp. Mtg.                                                                                                   | 25.....                                                                                                                                                                                                                                                                                                                             | HC155102 | Condenser-Air Rifled (AC)                                                                                                         |
| 2A.....  | HC165534    | Insulation-Comp. Wrap Bristol                                                                                                                                                                                                                                    | 26.....                                                                                                                                                                                                                                                                                                                             | HC118813 | Kit-CAB Thermostat                                                                                                                |
| 2B.....  | HC160419    | Rivet-Ratchet Plastic                                                                                                                                                                                                                                            | 27.....                                                                                                                                                                                                                                                                                                                             | HC153171 | Belt-V LH                                                                                                                         |
| 3.....   | HC155059    | Glass-Sight                                                                                                                                                                                                                                                      | 28.....                                                                                                                                                                                                                                                                                                                             | HC111964 | Coupling-Assy 1 in Drive                                                                                                          |
| 4.....   | HC155054    | Drier-Filter 16 cu in                                                                                                                                                                                                                                            | 29.....                                                                                                                                                                                                                                                                                                                             | HC153355 | Reducer-Gear LH 10/1                                                                                                              |
| 5.....   | HC155071    | Receiver-3lb 3/8 ID(AC W/C)                                                                                                                                                                                                                                      | 30.....                                                                                                                                                                                                                                                                                                                             | HC153356 | Reducer-Gear RH 10/1                                                                                                              |
| or ..... | HC155058    | Receiver-12 lb. Sweat Horiz (ACR)<br>(not shown)                                                                                                                                                                                                                 | 31.....                                                                                                                                                                                                                                                                                                                             | HC114374 | Tube-Assy Drain                                                                                                                   |
| 6.....   | HC155491    | Valve-Solenoid 24V                                                                                                                                                                                                                                               | 32.....                                                                                                                                                                                                                                                                                                                             | HC120122 | Transformer-Assy 24V 96VA<br>HC150181 ..... Transformer-CL2<br>HC150180 ..... Control-Vltg Mntr                                   |
| 6A.....  | HC155434    | Kit-Solenoid Valve Repair                                                                                                                                                                                                                                        | 33.....                                                                                                                                                                                                                                                                                                                             | HC155482 | Cut Out-Low Pressure 0 PSIG<br>(WC & AC)                                                                                          |
| 7.....   | HC120299    | Kit-Compressor NL6.1MF<br>(Cabinet) includes<br>HC150942 ..... Capacitor-Start<br>HC155498 ..... Drier-Filter w/Access<br>HC151473 ..... Relay-Compr. Start                                                                                                      | or.....                                                                                                                                                                                                                                                                                                                             | HC155465 | Cut Out-Low Pressure (ACR)                                                                                                        |
| 8.....   | HC155493    | Valve-Automatic Expansion<br>(Cylinder)                                                                                                                                                                                                                          | 34.....                                                                                                                                                                                                                                                                                                                             | HC155481 | Cut Out-High Pressure 440 PSIG<br>(AC)                                                                                            |
| 9.....   | HC165531    | Insulation-Expansion Valve                                                                                                                                                                                                                                       | or.....                                                                                                                                                                                                                                                                                                                             | HC155484 | Cut Out-High Pressure 375 PSIG<br>(WC)                                                                                            |
| 10.....  | HC153322    | Key-Drive 3/16 Sq x 1 1/2                                                                                                                                                                                                                                        | or.....                                                                                                                                                                                                                                                                                                                             | HC155425 | Cut Out-High Pressure (ACR)                                                                                                       |
| 11.....  | HC153626    | Sheave-7/8 Bore 325 OD 30 OPD<br>(Pulley-Driven)                                                                                                                                                                                                                 | 35.....                                                                                                                                                                                                                                                                                                                             | HC120482 | Switch-Assy Voltage Setting                                                                                                       |
| 11A..... | HC160495    | Screw-SK Set 5/16-18 x 3/8                                                                                                                                                                                                                                       | 36.....                                                                                                                                                                                                                                                                                                                             | HC120125 | Pan-Assy Condensate                                                                                                               |
| 12.....  | HC153625    | Sheave-3/4 Bore 475 OD 45 PD<br>(Pulley-Drive)                                                                                                                                                                                                                   | 37.....                                                                                                                                                                                                                                                                                                                             | HC118751 | MT-Assy CAB Red Line<br>(See figure 4)                                                                                            |
| 12A..... | HC160495    | Screw-SK Set 5/16-18 x 3/8                                                                                                                                                                                                                                       | 38.....                                                                                                                                                                                                                                                                                                                             | HC119398 | Box-Assy Cap & Components<br>(Beater motor - 1 phase only<br>HC150244 ..... Capacitor-Run<br>HC150294 ..... Capacitor-Start (2)   |
| 13.....  | HC153162    | Belt-V RH                                                                                                                                                                                                                                                        | 39.....                                                                                                                                                                                                                                                                                                                             | HC151052 | Motor-Beater 2 hp (3 ph.)                                                                                                         |
| 14.....  | HC116105    | Nut-Assy Pressure Switch                                                                                                                                                                                                                                         | or.....                                                                                                                                                                                                                                                                                                                             | HC119816 | Kit-Motor & Cap 2 hp FE7109<br>(1 phase) includes motor and<br>HC150244 ..... Capacitor-Run<br>HC150294 ..... Capacitor-Start (2) |
| 15.....  | HC138827-01 | Spacer-Curved Pressure Switch                                                                                                                                                                                                                                    | 40.....                                                                                                                                                                                                                                                                                                                             | HC120168 | Cylinder-Assy Complete LH                                                                                                         |
| 16.....  | HC118712    | Kit-Pressure Switch 30PSI                                                                                                                                                                                                                                        | 41.....                                                                                                                                                                                                                                                                                                                             | HC120169 | Cylinder-Assy Complete RH                                                                                                         |
| 17.....  | HC119989    | Kit-Thermostat-& Retainer                                                                                                                                                                                                                                        | <b>Not Shown</b>                                                                                                                                                                                                                                                                                                                    |          |                                                                                                                                   |
| 18.....  | HC120189    | Condenser-Assy CAB Comp<br>(WC & ACR)<br>HC151017 ..... Motor-Fan 5 Watt<br>HC155139 ..... Condenser-Air 8 x 8<br>HC159032 ..... Blade-Fan 6" 20°                                                                                                                | HC112080 ..... Valve-Assy Water (WC)<br>HC155410 ..... Valve-Water<br>HC155586 ..... Adapter-Bulkhead 1/2 FPT (WC)<br>HC155616 ..... Adapter- 1/2 Hose Barb x 1/2 MPT<br>Brass (WC)<br>HC116781-02 .... Condenser-Assy 2HP Remote<br>(ACR) (See figure 13)<br>HC161216 ..... Sensor-10K Thermistor<br>HC155495 ..... Heat-Exchanger |          |                                                                                                                                   |
| 19.....  | HC155029    | Condenser-Water (WC)                                                                                                                                                                                                                                             | <b>For Cabinet Refrigeration System R134a:</b><br>HC155399 ..... Valve-Thermostatic Expansion<br>HC155498 ..... Drier-Filter w/Access                                                                                                                                                                                               |          |                                                                                                                                   |
| 20.....  | HC151077-01 | Motor-Fan 50W 230V 50/60 Hz (AC)                                                                                                                                                                                                                                 | LH or RH — Left or right hand is determined as you ace<br>the front of freezer.                                                                                                                                                                                                                                                     |          |                                                                                                                                   |
| 21.....  | HC159023    | Blade-Fan 11in 36 Deg (AC)                                                                                                                                                                                                                                       | AC = Air cooled                                                                                                                                                                                                                                                                                                                     |          |                                                                                                                                   |
| 22.....  | HC138465    | Shroud-Fan (AC)                                                                                                                                                                                                                                                  | WC = Water Cooled                                                                                                                                                                                                                                                                                                                   |          |                                                                                                                                   |
|          |             |                                                                                                                                                                                                                                                                  | ACR = Air Cooled Remote                                                                                                                                                                                                                                                                                                             |          |                                                                                                                                   |

**Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.**

Figure 13 GEN-102 Side/Rear View (Breakdown)



185232-01

Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

**Figure 13 GEN-102 Side/Rear View (Parts)**

| Item     | Part No     | Description                                                                                                                                                                                                                                                      | Item                                                                                                                                                                                                                                                                                                                          | Part No  | Description                                                                                                                       |
|----------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1.....   | -----       | Box-Assy. Capacitor & Relay<br>(1 Phase Only)(Compressor)<br>HC150362 ..... Capacitor-Run<br>HC151460 ..... Capacitor-Start<br>HC151459 ..... Relay-Compressor                                                                                                   | 23.....                                                                                                                                                                                                                                                                                                                       | HC120123 | Tube-Assy Suction Cap Dryer<br>(AC)                                                                                               |
| 2.....   | HC119508    | Compressor-Assy (1 Phase) includes<br>compressor and<br>HC150362 ..... Capacitor-Run<br>HC151460 ..... Capacitor-Start<br>HC155054 ..... Filter-Drier<br>HC151478 ..... Grommet-Comp.Mtg.<br>HC151459 ..... Relay-Compressor<br>HC151479 ..... Sleeve-Comp. Mtg. | 24.....                                                                                                                                                                                                                                                                                                                       | HC155101 | Condenser-Air Rifled (AC)                                                                                                         |
| or.....  | HC119815    | Compressor-Assy. (3 Phase) in-<br>cludes compressor and<br>HC155054 ..... Filter-Drier<br>HC151478 ..... Grommet-Comp.Mtg.<br>HC151479 ..... Sleeve-Comp. Mtg.                                                                                                   | 25.....                                                                                                                                                                                                                                                                                                                       | HC155102 | Condenser-Air Rifled (AC)                                                                                                         |
| 2A.....  | HC165534    | Insulation-Comp. Wrap Bristol                                                                                                                                                                                                                                    | 26.....                                                                                                                                                                                                                                                                                                                       | HC118813 | Kit-CAB Thermostat                                                                                                                |
| 2B.....  | HC160419    | Rivet-Ratchet Plastic                                                                                                                                                                                                                                            | 27.....                                                                                                                                                                                                                                                                                                                       | HC153171 | Belt-V LH                                                                                                                         |
| 3.....   | HC155059    | Glass-Sight                                                                                                                                                                                                                                                      | 28.....                                                                                                                                                                                                                                                                                                                       | HC111964 | Coupling-Assy 1 in Drive                                                                                                          |
| 4.....   | HC155054    | Drier-Filter 16 cu in                                                                                                                                                                                                                                            | 29.....                                                                                                                                                                                                                                                                                                                       | HC153355 | Reducer-Gear LH 10/1                                                                                                              |
| 5.....   | HC155071    | Receiver-3lb 3/8 ID(AC W/C)                                                                                                                                                                                                                                      | 30.....                                                                                                                                                                                                                                                                                                                       | HC153356 | Reducer-Gear RH 10/1                                                                                                              |
| or.....  | HC155058    | Receiver-12 lb. Sweat Horiz (ACR)<br>(not shown)                                                                                                                                                                                                                 | 31.....                                                                                                                                                                                                                                                                                                                       | HC114374 | Tube-Assy Drain                                                                                                                   |
| 6.....   | HC155491    | Valve-Solenoid 24V                                                                                                                                                                                                                                               | 32.....                                                                                                                                                                                                                                                                                                                       | HC120122 | Transformer-Assy 24V 96VA<br>HC150181 ..... Transformer-CL2<br>HC150180 ..... Control-Vltg Mntr                                   |
| 6A.....  | HC155434    | Kit-Solenoid Valve Repair                                                                                                                                                                                                                                        | 33.....                                                                                                                                                                                                                                                                                                                       | HC155482 | Cut Out-Low Pressure 0 PSIG<br>(WC & AC)                                                                                          |
| 7.....   | HC120299    | Kit-Compressor NL6.1MF<br>(Cabinet) includes<br>HC150942 ..... Capacitor-Start<br>HC155498 ..... Drier-Filter w/Access<br>HC151473 ..... Relay-Compr. Start                                                                                                      | or.....                                                                                                                                                                                                                                                                                                                       | HC155465 | Cut Out-Low Pressure (ACR)                                                                                                        |
| 8.....   | HC155493    | Valve-Automatic Expansion<br>(Cylinder)                                                                                                                                                                                                                          | 34.....                                                                                                                                                                                                                                                                                                                       | HC155481 | Cut Out-High Pressure 440 PSIG<br>(AC)                                                                                            |
| 9.....   | HC165531    | Insulation-Expansion Valve                                                                                                                                                                                                                                       | or.....                                                                                                                                                                                                                                                                                                                       | HC155484 | Cut Out-High Pressure 375 PSIG<br>(WC)                                                                                            |
| 10.....  | HC153322    | Key-Drive 3/16 Sq x 1 ½                                                                                                                                                                                                                                          | or.....                                                                                                                                                                                                                                                                                                                       | HC155425 | Cut Out-High Pressure (ACR)                                                                                                       |
| 11.....  | HC153626    | Sheave-7/8 Bore 325 OD 30 OPD<br>(Pulley-Driven)                                                                                                                                                                                                                 | 35.....                                                                                                                                                                                                                                                                                                                       | HC120482 | Switch-Assy Voltage Setting                                                                                                       |
| 11A..... | HC160495    | Screw-SK Set 5/16-18 x 3/8                                                                                                                                                                                                                                       | 36.....                                                                                                                                                                                                                                                                                                                       | HC120125 | Pan-Assy Condensate                                                                                                               |
| 12.....  | HC153625    | Sheave-3/4 Bore 475 OD 45 PD<br>(Pulley-Drive)                                                                                                                                                                                                                   | 37.....                                                                                                                                                                                                                                                                                                                       | HC118751 | MT-Assy CAB Red Line<br>(See figure 4)                                                                                            |
| 12A..... | HC160495    | Screw-SK Set 5/16-18 x 3/8                                                                                                                                                                                                                                       | 38.....                                                                                                                                                                                                                                                                                                                       | HC119398 | Box-Assy Cap & Components<br>(Beater motor - 1 phase only<br>HC150244 ..... Capacitor-Run<br>HC150294 ..... Capacitor-Start (2)   |
| 13.....  | HC153162    | Belt-V RH                                                                                                                                                                                                                                                        | 39.....                                                                                                                                                                                                                                                                                                                       | HC151052 | Motor-Beater 2 hp (3 ph.)                                                                                                         |
| 14.....  | HC116105    | Nut-Assy Pressure Switch                                                                                                                                                                                                                                         | or.....                                                                                                                                                                                                                                                                                                                       | HC119816 | Kit-Motor & Cap 2 hp FE7109<br>(1 phase) includes motor and<br>HC150244 ..... Capacitor-Run<br>HC150294 ..... Capacitor-Start (2) |
| 15.....  | HC138827-01 | Spacer-Curved Pressure Switch                                                                                                                                                                                                                                    | 40.....                                                                                                                                                                                                                                                                                                                       | HC120168 | Cylinder-Assy Complete LH                                                                                                         |
| 16.....  | HC118712    | Kit-Pressure Switch 30PSI                                                                                                                                                                                                                                        | 41.....                                                                                                                                                                                                                                                                                                                       | HC120169 | Cylinder-Assy Complete RH                                                                                                         |
| 17.....  | HC119989    | Kit-Thermostat-& Retainer                                                                                                                                                                                                                                        | <b>Not Shown</b>                                                                                                                                                                                                                                                                                                              |          |                                                                                                                                   |
| 18.....  | HC120189    | Condenser-Assy CAB Comp<br>(WC & ACR)<br>HC151017 ..... Motor-Fan 5 Watt<br>HC155139 ..... Condenser-Air 8 x 8<br>HC159032 ..... Blade-Fan 6" 20°                                                                                                                | HC112080 ..... Valve-Assy Water (WC)<br>HC155410 ..... Valve-Water<br>HC155586 ..... Adapter-Bulkhead ½ FPT (WC)<br>HC155616 ..... Adapter- ½ Hose Barb x ½ MPT<br>Brass (WC)<br>HC116781-02 .... Condenser-Assy 2HP Remote<br>(ACR) (See figure 13)<br>HC161216 ..... Sensor-10K Thermistor<br>HC155495 ..... Heat-Exchanger |          |                                                                                                                                   |
| 19.....  | HC155029    | Condenser-Water (WC)                                                                                                                                                                                                                                             | <b>For Cabinet Refrigeration System R134a:</b><br>HC155399 ..... Valve-Thermostatic Expansion<br>HC155498 ..... Drier-Filter w/Access                                                                                                                                                                                         |          |                                                                                                                                   |
| 20.....  | HC151077-01 | Motor-Fan 50W 230V 50/60 Hz (AC)                                                                                                                                                                                                                                 | LH or RH — Left or right hand is determined as you ace<br>the front of freezer.                                                                                                                                                                                                                                               |          |                                                                                                                                   |
| 21.....  | HC159023    | Blade-Fan 11in 36 Deg (AC)                                                                                                                                                                                                                                       | AC = Air cooled                                                                                                                                                                                                                                                                                                               |          |                                                                                                                                   |
| 22.....  | HC138465    | Shroud-Fan (AC)                                                                                                                                                                                                                                                  | WC = Water Cooled                                                                                                                                                                                                                                                                                                             |          |                                                                                                                                   |
|          |             |                                                                                                                                                                                                                                                                  | ACR = Air Cooled Remote                                                                                                                                                                                                                                                                                                       |          |                                                                                                                                   |

**Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.**

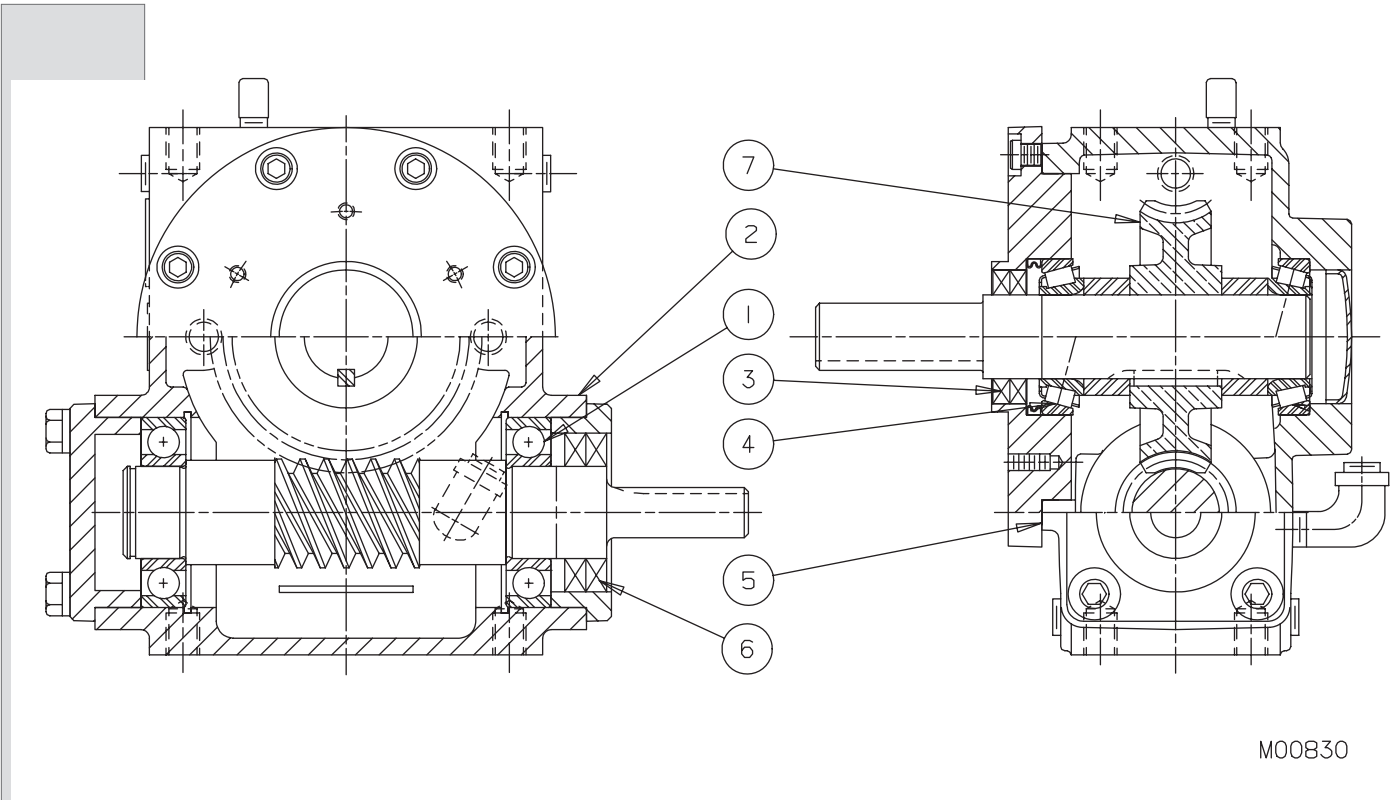


Figure 14 Gear Reducers

Model HCD926

HC153355 10:1 Ratio A Side      HC153356 10:1 Ratio B Side

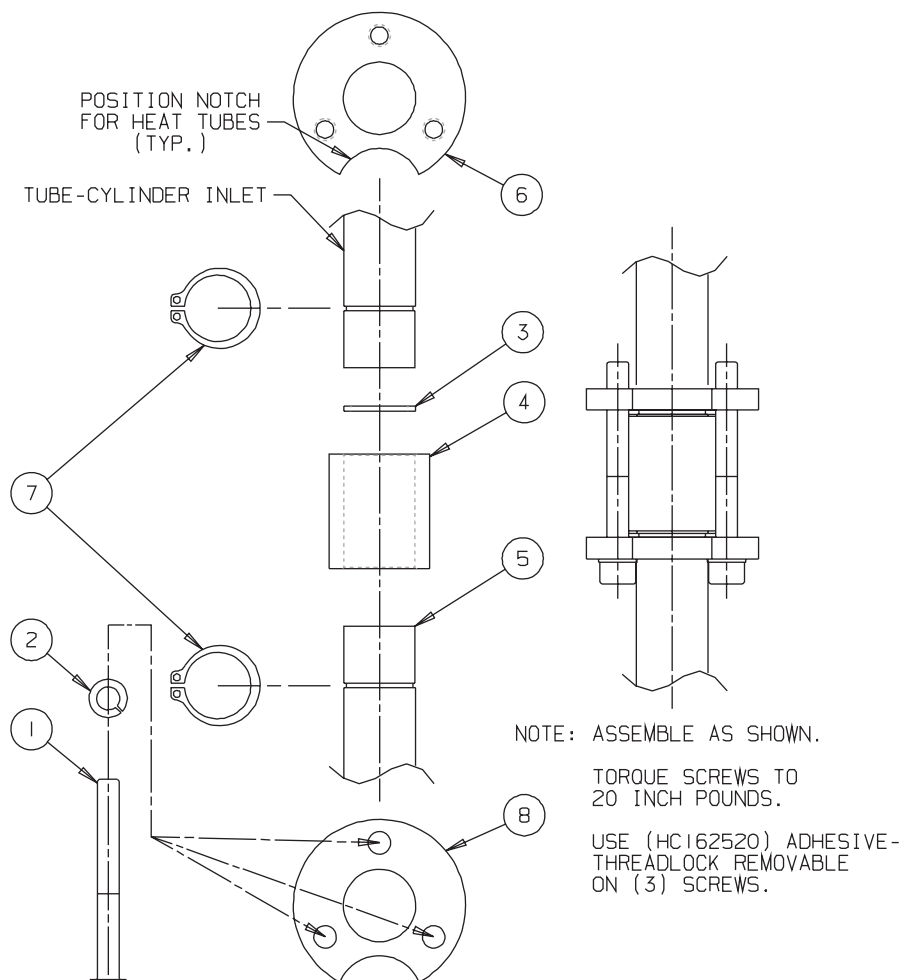
| Item | Part No. | Description                      | Quantity Required |
|------|----------|----------------------------------|-------------------|
| 1    | HC153065 | Bearing-Ball 1.378 ID x 2.835 OD | 2 ea.             |
| 2    | HC153066 | Gasket-High Speed                | 1 ea.             |
| 3    | HC153071 | Seal-Slow Speed                  | 2 ea.             |
| 4    | HC153068 | Bearing-Slow Speed Cone 1.25"    | 2 ea.             |
| 4A   | HC153069 | Bearing-Slow Speed Cup 2.328"    | 2 ea.             |
| 5    | HC153070 | Gasket-Slow Speed                | 1 ea.             |
| 6    | HC153067 | Seal-High Speed                  | 2 ea.             |
| 7    | HC153301 | Gear-Slow Speed                  | 1 ea.             |

Not Shown:  
HC118742 ..... Kit-Reducer Gasket Model HCD926

\*\*Oil-Gear Reducer (per quart)

\*\*Note: To order oil always verify type of oil from the tag located on the gear reducer. Improper oil usage will cause the gear reducer to fail.

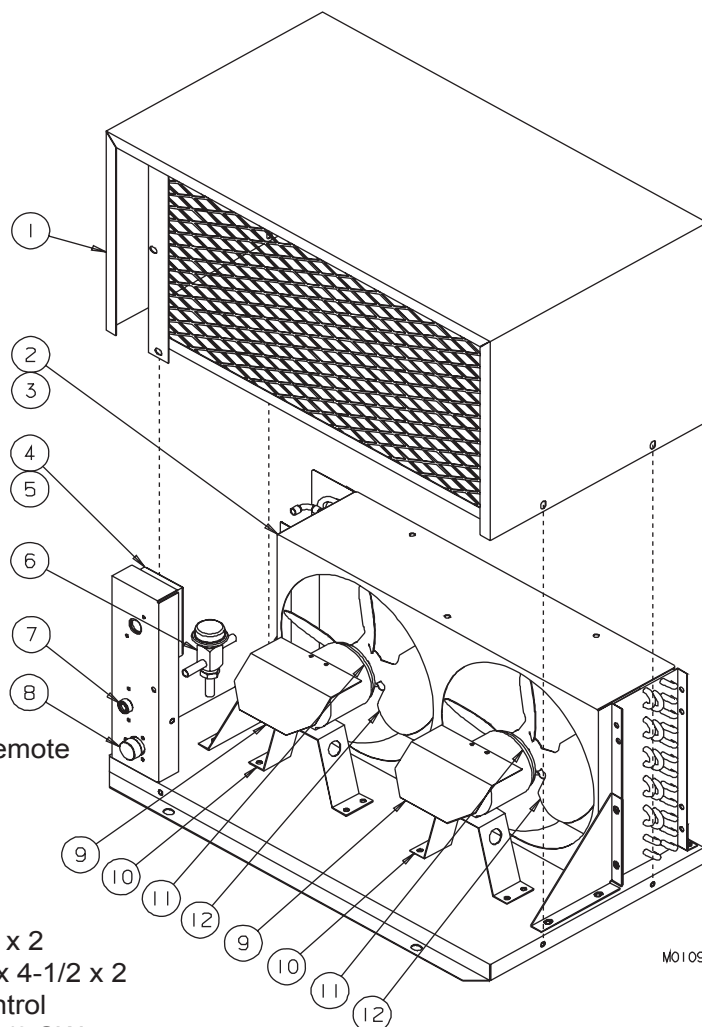
Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.



**Figure 15 Mix Feed Seal Assembly**

| Item    | Part No. | Description                   |
|---------|----------|-------------------------------|
| 1 ..... | HC160320 | Screw-SKHC #10-24 x 1-3/4 SST |
| 2 ..... | HC160166 | Washer-Lock #10 SST           |
| 3 ..... | HC160556 | Gasket-Mix Joint              |
| 4 ..... | HC139351 | Collar-Alignment              |
| 5 ..... | HC139349 | Tube-Mix Feed Clamp           |
| 6 ..... | HC139352 | Clamp-Ring Threaded           |
| 7 ..... | HC160312 | Ring-Retaining 5/8 Ext. SST   |
| 8 ..... | HC139353 | Clamp-Ring                    |

Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

**Figure 16 Air Cooled Remote Condenser**

| Item | Part No.    | Description                            |
|------|-------------|----------------------------------------|
| *    | HC116781-02 | Condenser-Assy. 2 Hp Remote (Complete) |
| 1    | HC117207    | Cover-Assy. Condenser                  |
| 2    | HC155101    | Condenser-Air Rifled                   |
| 3    | HC138465    | Shroud-Fan                             |
| 3A   | HC137628    | Brace-Condenser (Front)                |
| 4    | HC150732    | Box-Electric 2-3/4 x 4-1/2 x 2         |
| 5    | HC150737    | Cover-Electric Box 2-3/4 x 4-1/2 x 2   |
| 6    | HC155454    | Valve-Head Pressure Control            |
| 7    | HC153420    | Coupling-Refr. 3/8 MQC 3/8 SW          |
| 7A   | HC191538    | Plate-Coupling Mtg.                    |
| 8    | HC153418    | Coupling-Refr. 1/2MQC 1/2 SW           |
| 8A   | HC153502    | Flange-Refr. Coupling Mount            |
| 8B   | HC153503    | Cap-Dust Refr. Coupling                |
| 9    | HC139017    | Shield-Motor Rain                      |
| 10   | HC137632    | Bracket-Fan Condenser                  |
| 11   | HC151072    | Motor-Fan 50W 230V 60Hz RM             |
| 12   | HC159029    | Blade-Fan 11" Dia 36°                  |
| 13   | HC117206    | Base-Assy. Condenser                   |
| 14   | HC137629    | Support-Condenser                      |

\* Includes all items above.

**Not Shown:**

HC155058 ..... Receiver-12 lb. Sweat Horiz.  
 HC155465 ..... Cut Out-Low Pressure  
 HC155466 ..... Control-Pressure Fan  
 HC155487 ..... Check-Valve 5/8 ODF Sweat  
 HC119124 ..... Kit-25 Foot Line Sets 404a  
 HC119125 ..... Kit-50 Foot Line Sets 404a

**Use only original or authorized replacement parts with this freezer.  
 Use of unapproved parts will void warranty.**

## Accessories

| Part No.       | Description                                         |
|----------------|-----------------------------------------------------|
| HC196103 ..... | Bottle-Wash 500ml                                   |
| HC158004 ..... | Brush-4-inch with 36-inch handle (Cylinder)         |
| HC158009 ..... | Brush-4-inch w/o handle                             |
| HC158018 ..... | Brush-7/16 Dia. x 12 in. Overall Length             |
| HC158019 ..... | Brush-9/16 Dia. x 30 in. Overall Length             |
| HC158026 ..... | Brush-1 in. Dia. x 12 in. Long                      |
| HC158037 ..... | Brush-1/4 Dia. x 18-1/2 Overall Length              |
| HC162105 ..... | Caster -1-1/4 ST PT w/Brake                         |
| HC162106 ..... | Caster-1-1/4 ST PT w/o Brake                        |
| HC184238 ..... | Chart-O-ring Ivory (Laminated)                      |
| HC158051 ..... | Cup-Overrun Measuring One Pint                      |
| HC136567 ..... | Hose-Spigot Drain                                   |
| HC115538 ..... | Kit-O-ring Head                                     |
| HC112978 ..... | Leg-6-inch                                          |
| HC158054A..... | Lubricant-Lubri-Film (4 oz. tube)                   |
| HC150736 ..... | Nut-Lock Conduit 1-1/4 in. (Casters)                |
| HC158014 ..... | Sanitizer-Stera-Sheen Case/4                        |
| HC158014A..... | Sanitizer-Stera-Sheen 4 lb. jar                     |
| HC158049 ..... | Scale-Overrun                                       |
| HC117246 ..... | Sensor-Assy. Bag-in-Box (Adapter Kit)               |
| HC169374 ..... | Tool-O-ring Removal                                 |
| HC196006 ..... | Tee-5/8 x 5/8 x 5/8 White (Plastic Hose Connection) |
| HC196061 ..... | Tubing-.600ID x .850OD PVC (Mix Line-Std.)          |

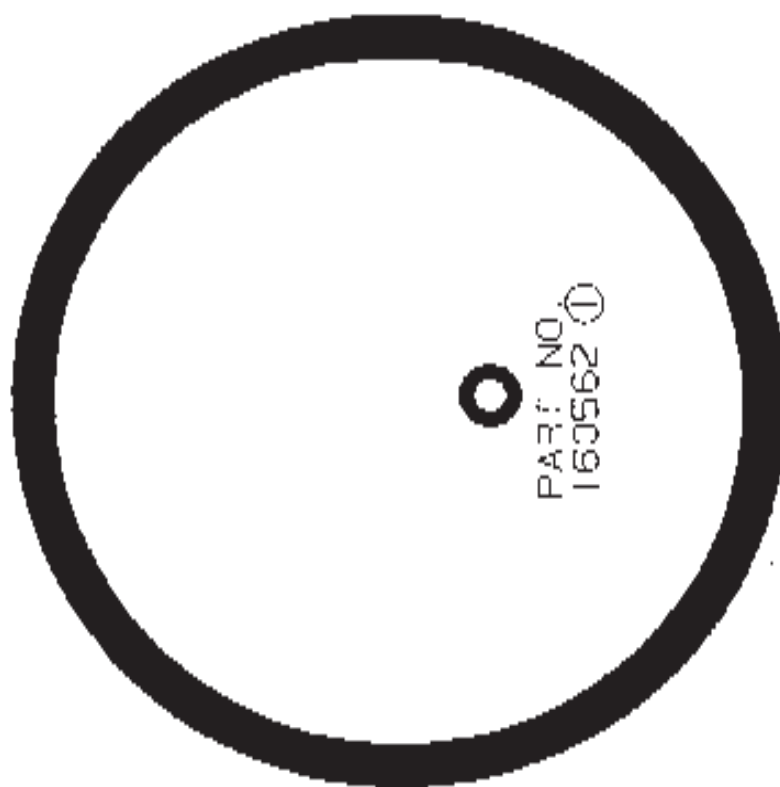
Use only original or authorized replacement parts with this freezer.  
Use of unapproved parts will void warranty.

# O-Ring Chart

1B423B

## SOFT SERVE DISPENSING HEADS

REV. A



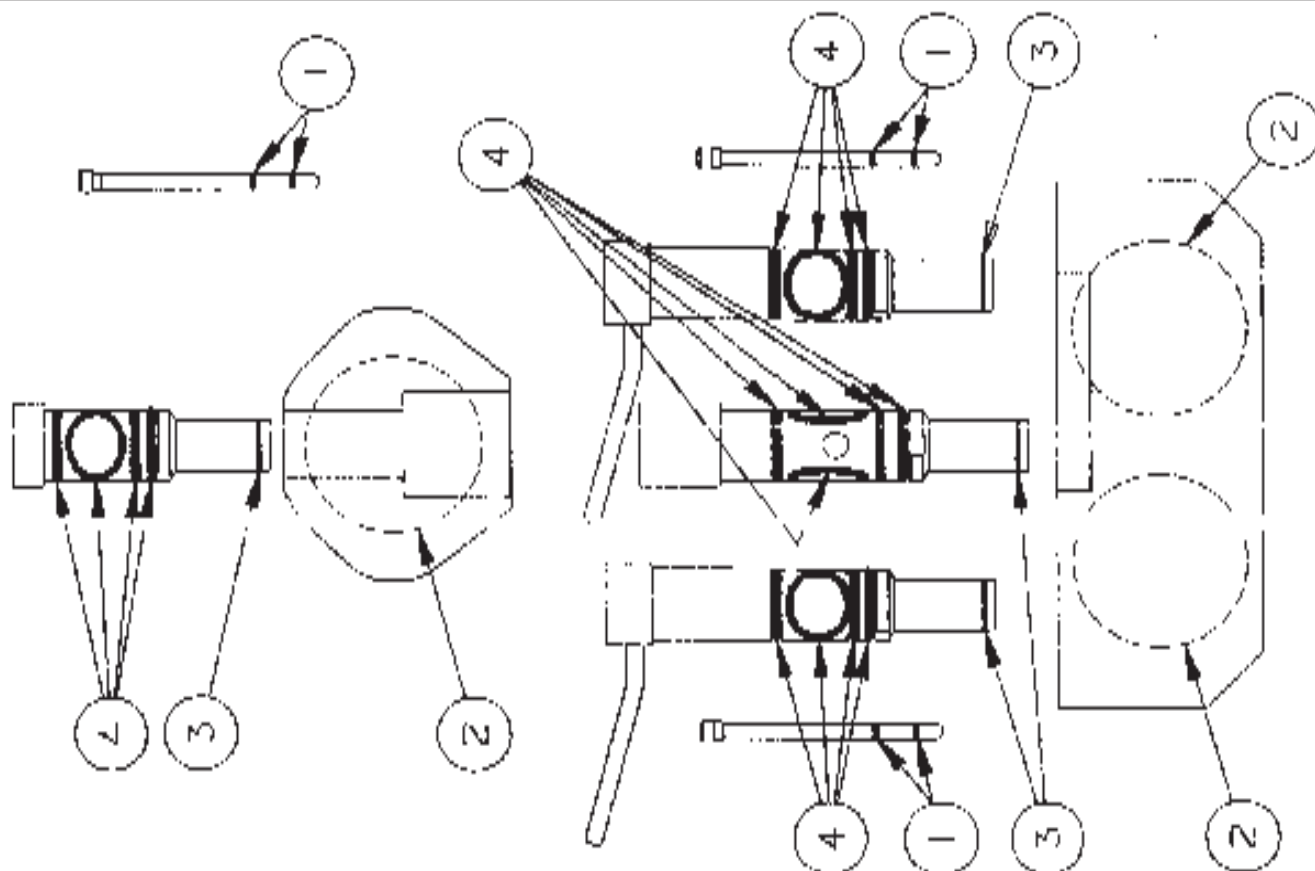
PART NO. 60583 ②



PART NO. 59295 ④



PART NO. 160584 ③



## O-RING CHART

PH. NO. 309-755-4553

H.C. DUKE & SON, INC.