**CONVENIENCE OUTLET CIRCUIT:** One Convenience Outlet on 4' & 6' cases and two on 8' & 12' cases, located on rear of case. Plan suitable 15A Circuit for these 115V Outlets.

**TEMPERATURE CONTROL** can be achieved by a Thermostat, suitably sized EPR, or Low Pressure Control. The Discharge Air T-stat should be set @ 28°F CUT IN/21°F CUT OUT, the EPR set at 43# (R22), & Low Pressure Control (see table below).

**STANDARD CASE LIGHTING:** One row of fluorescent lights in the top. Optional lighted Mezzanine Shelves are available (One shelf in both 4' & 6' cases and two 4' shelves in an 8' case and two 6' shelves in a 12' case). Each lighted Mezzanine Shelf requires .42 amps. NAMEPLATE AMPS INCLUDE ALLOWANCE FOR LIGHTED MEZZANINE SHELVES.

---

### ANNUAL COMPARATIVE OPERATING COST PER FOOT OF CASE (C.O.C.)

<table>
<thead>
<tr>
<th>CASE</th>
<th>Fans/HEF</th>
<th>A/S Heat</th>
<th>Lights</th>
<th>208 V Defrost</th>
<th>Total $↑</th>
<th>Condensing Unit $</th>
<th>Condensing Unit $</th>
<th>DEFROST CONTROL</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'</td>
<td>89w</td>
<td>.53</td>
<td></td>
<td></td>
<td>3.11</td>
<td>3.64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12'</td>
<td>146w</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Case Ft x C.O.C. = “Cost per Year” @ 10KWH. USE TOTALS TO COMPARE CASES & OPTIONS! Watts @ 115V ‘HEF = H-Efficiency Fans. 11@ 10KWH.

### CASE BTUH REQUIREMENTS

Are calculated to produce approximately the indicated entering case air temp with absolute maximum operating ambient limits of 75°F & 55% RH. SUCTION LINE SIZING: Select the point of intersection of the case line-up and the equivalent footage. ALLOW for all fittings in addition to the actual line length. STEP SIZING is suggested for selections falling in the first half of a size range. Pipe one size smaller can be used on the 50% of the run closest to the cases when the entire run is 100 equivalent feet or more. LIQUID LINE SIZING is based on 5lb. pressure drop in 150' of line. See complete line size charts in front of the TYLER SPEC GUIDE BOOK.

The information contained herein is based on technical data and tests which we believe to be reliable and is intended for use by persons having technical skill, at their own discretion and risk. Since conditions of use are outside Tyler’s control, we can assume no liability for results obtained or damages incurred through the applications of the data presented. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. Printed in the U.S.A.
FGV SERVICE MEAT, DELI, FISH & HOT CASES

CASE CROSS SECTION

A Trap & Elbow are shipped loose

*LOW BASE OPTIONS: 52", 50" or 48" Overall Height

PLAN VIEW - 6', 8' & 12' LONG CASES

Add 1 5/8" For Each Patch End or 1" For Each Partition

TYLER Refrigeration Corporation
Niles, Michigan 49120

M 14 SERVICE MEAT & DELI CASES
SG 00712 Repl. 5/87 Rev. 3/89

SECTION 3C Page 6
**CONVENIENCE OUTLET CIRCUIT:** One Convenience Outlet on 4’ & 6’ cases and two on 8’ & 12’ cases, located on rear of case. Plan suitable 15A Circuit for these 115V Outlets.

**TEMPERATURE CONTROL** can be achieved by a Thermostat, suitably sized EPR, or Low Pressure Control. The Discharge Air Tstat should be set at 28°F CUTO IN / 21°F CUTO OUT; the EPR set at 43°F (R22); & Low Pressure Control (see table below).

**STANDARD CASE LIGHTING:** One row of fluorescent lights in the top. Optional lighted Mezzanine Shelves are available (One shelf in both 4’ & 6’ cases and two 4’ shelves in an 8’ case and two 6’ shelves in a 12’ case). Each lighted Mezzanine Shelf requires .45 amps. NAMEPLATE AMPS INCLUDE ALLOWANCE FOR LIGHTED MEZZANINE SHELVES.

---

**ANNUAL COMPARATIVE OPERATING COST PER FOOT OF CASE (C.O.C.)**

<table>
<thead>
<tr>
<th>CASE</th>
<th>Fans/HEF*</th>
<th>A/V Heat</th>
<th>Lights</th>
<th>208V Defrost</th>
<th>Condensing Unit</th>
<th>TOTALS†</th>
<th>DEFROST CONTROL</th>
<th>PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'</td>
<td>$767/438</td>
<td>$.53</td>
<td>62W</td>
<td>w/Opl. HEF Motors</td>
<td>$4.47</td>
<td>$3.50</td>
<td>$4.80</td>
<td>Per Day Mode Fall-Save</td>
</tr>
<tr>
<td>12’</td>
<td>105W/60W</td>
<td>146W</td>
<td></td>
<td>NET SAVINGS</td>
<td>$.33</td>
<td></td>
<td></td>
<td>1 Timed Off 60 Min.</td>
</tr>
</tbody>
</table>

**CASE BTUH REQUIREMENTS** are calculated to produce approximately the indicated entering case air temp with absolute maximum operating ambient limits of 75°F & 55% RH. **SUCTION LINE SIZING:** Select the point of intersection of the case line-up and the equivalent footage. Allow for all fittings in addition to the actual line length. **STEP SIZING** is suggested for selections falling in the first half of a size range. Pipe one size smaller can be used on the 50’ of the run closest to the cases when the entire run is 100’ equivalent feet or more. **LIQUID LINE SIZING** is based on 5lb, pressure drop in 150’ of line. See complete line size charts in front of the **TYLER SPEC GUIDE BOOK.**

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TOP DISPLAY BLOWER DELI DISPLAY CASE

CROSS SECTION

• Trap & Elbow are shipped loose.

*LOW BASE OPTIONS: 52", 50" or 48" Overall Height

PLAN VIEW - 6', 8' & 12' LONG CASES

Refrig. Stub-Up
Floor Drain

Add 15/8" For Each Patch End or 1" For Each Partition

TYLER Refrigeration Corporation
Niles, Michigan 49120

M-16 BLOWER DELI SERVICE CASE

SECTION 3C Page 8
SELF CONTAINED SERVICE MEAT CASE

### SELF CONTAINED SERVICE MEAT CASE DATA

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CASE LIGHTS *</th>
<th>CONVENIENCE OUTLET CIRCUIT</th>
<th>115V HERMETIC COND. UNIT</th>
<th>MINIMUM CIRCUIT AMPACITY</th>
<th>MAX. FUSE SIZE</th>
<th>R12 CHARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGV6</td>
<td>1.3A</td>
<td>15A</td>
<td>5.0A 26.5A 1/4</td>
<td>15A</td>
<td>15A</td>
<td>8 R12</td>
</tr>
<tr>
<td>FGV8</td>
<td>2.2A</td>
<td>15A</td>
<td>8.0A 42.0A 1/3</td>
<td>15A</td>
<td>15A</td>
<td>9 R12</td>
</tr>
<tr>
<td>FGV12</td>
<td>2.7A</td>
<td>15A</td>
<td>10.0A 48.0A 1/2</td>
<td>15A</td>
<td>20A</td>
<td>14 R12</td>
</tr>
</tbody>
</table>

*Includes Mezzanine Lights (If Used)

1. **CIRCUITS REQUIRED**: Connections for the Case Lights, the convenience outlet (Case) and the condensing unit are separate. Combining in the field depends on customer's desires and local codes.

2. **WASTE OUTLET**: Each case has a waste outlet which is to be extended with 1-1/2” PVC pipe to a suitable floor drain. An optional condensate pan can be obtained but it is NOT RECOMMENDED because:
   1) The pan will not handle the amount of water normally needed for cleaning the case.
   2) If bloody water gets into it, the odor can be offensive.
   3) These pans are electrically operated - the cost of operation can be expensive.

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