DHMF - Front Load Multi-Shelf Meat Case

CHART #2

Tyler Refrigeration Corporation

1379 Btu/hr @ 15°F Suction Temp. & 27°F Entering Air

<table>
<thead>
<tr>
<th>CASE MODELS</th>
<th>UNLESS FEET</th>
<th>75°F (24°C) Store</th>
<th>CONDENSING UNIT SELECTION CHART</th>
<th>R-22</th>
<th>LINE SIZING</th>
<th>ELECTRICAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unusual Feet</td>
<td>1000 Btu/h Req'd.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **CASE CIRCUITS**: (115-1-60) - (A) Includes Standard or HIF (Hi-Efficiency) fans - (B) Includes Optional Rub-Rail anti-sweat heater only - (C) Includes 1 row 430MA lights + 3 rows shelves + discharge air anti-sweat - (D) Includes 1 row of 800MA lights + 3 rows shelves + discharge air anti-sweat circuit

- **DEFROST CIRCUITS**: OFF CYCLE defrost is standard (use TC defrost module) - OPTIONAL ELECTRIC defrost uses a single or 3 phase 208V circuit - OPTIONAL HOT GAS defrost uses 2 control wires @ 208V per line - OPTIONAL AIR defrost uses 3 control wires @ 208V per line

- Screens are standard. Shelving must be ordered separately. A two shelf arrangement includes (1) 15" shelf on top and (1) 18" shelf on bottom. A three shelf arrangement includes (1) 15" shelf on top, (1) 15" in the middle and (1) 18" shelf on bottom. Lights on shelves are optional, but not recommended because the added heat shortens shelf life of meat and increases operating costs.

- When mirrors are used, only 12" or 16" wide mirrors are allowed.

**CHART #3**

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

<table>
<thead>
<tr>
<th>CASE</th>
<th>Fans/HIF</th>
<th>A/C Heat</th>
<th>Lights</th>
<th>208V Defrost</th>
<th>Condensing Unit</th>
<th>TOTALS†</th>
<th>DEPLOST CONTROL SETTINGS (R-22)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>$1.04/766</td>
<td>$.40</td>
<td>$.51</td>
<td>1430W w/Opt HIF Motors</td>
<td>$14.44</td>
<td>$16.39</td>
<td>PER</td>
</tr>
<tr>
<td>12&quot;</td>
<td>$1.43/105w</td>
<td>$.55</td>
<td>$1.40</td>
<td>2150W</td>
<td>NET SAVI NGS</td>
<td>$16.12</td>
<td>52-52#</td>
</tr>
</tbody>
</table>

Case FL x C.O.C. = "Cost per Year" @ 1kW/KWH. USE TOTALS TO COMPARE CASES & OPTIONS: "HIF = HI-Efficiency Fans. 11@ 1kW/KWH"

Case BTUH REQUIREMENTS are calculated to produce approximately the indicated entering case temp with absolute maximum operating ambient limits of 75°F & 55% R.H. 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. STOP SIZING is suggested for selections falling in the first half of the size range. Pipe size smaller can be used on the 50% of the run closest to the cases when the entire run is equivalent to 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 cannot assume 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.
DHMF - Front Load Multi-Shelf Deli / Meat Case

1 or 2 rows of discharge holes must be left open between the top shelf and bottom of mirror.

OPTIONAL MIRRORS:
12" & 16"

SHELVING ARRANGEMENTS:

TWO TIERS OF SHELVING ALLOWED BELOW 16"
MIRROR:
Top Row = 15" (w/Gasketing)*
Bot. Row = 18"

THREE TIERS OF SHELVING ALLOWED BELOW 12"
MIRROR (or no mirror):
Top Row = 15" (w/Gasketing)*
Middle Row = 15"
Bottom Row = 18"

* NOTE: The gap between the top shelf and the back duct must be closed off with gasketing for proper operating temperatures.

MAXIMUM, 3 ROWS OF LIGHTED SHELVES ALLOWED.

**NOTE: The Case shelves are designed to hold approx. 40 lbs. per square foot. Care should be taken not to overload these shelves.

CASE UPRIGHTS

REFRIGERATION LINES
7/8" & 3/8" IN CASE

Access
Drill out 3"
Maximum
When Using

2" PVC WASTE OUTLET.
A WATER SEAL IS SUPPLIED.
EXTEND IT RIGHT OR LEFT.

WASTE OUTLET
STUB-UP

ELECTRICAL
Knock-outs

22" R or L

FRONT OF CASE BODY

8 or 12 FOOT CASES

FLOOR PLAN

Tyler Spec Sheet
M-10

Front Load Multi-Shelf Deli Case
SG 02007  Rev. 9/93

Section 3K  Page 7