



INNOVATION IN REFRIGERATION

## HEAT LOAD IN WATTS FOR GLASS DOORS INSERT AND LIGHTING

### Door Size - 1800mm x 600mm

Standard Series Medium Temperature (Non Heated Glass) Electronic Ballast (Lighting)								
1800mm H x 600mm Double Glazed Non Heated Glass Medium Temperature	1 Door	2 Door	3 Door	4 Door	5 Door	6 Door	7 Door	8 Door
Store Conditions <b>25°C 60% RH</b>	<b>339</b>	<b>538</b>	<b>745</b>	<b>950</b>	<b>1154</b>	<b>1372</b>	<b>1565</b>	<b>1770</b>

NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY

Standard Series Medium Temperature (Heated Glass) Electronic Ballast (Lighting)								
1800mm H x 600mm Double Glazed Heated Glass Medium Temperature	1 Door	2 Door	3 Door	4 Door	5 Door	6 Door	7 Door	8 Door
Store Conditions <b>25°C 60% RH</b>	<b>392</b>	<b>644</b>	<b>904</b>	<b>1162</b>	<b>1419</b>	<b>1690</b>	<b>1935</b>	<b>2194</b>
Store Conditions <b>30°C 70% RH</b>	<b>424</b>	<b>708</b>	<b>1000</b>	<b>1290</b>	<b>1579</b>	<b>1882</b>	<b>2160</b>	<b>2451</b>
Store Conditions <b>35°C 70% RH</b>	<b>447</b>	<b>754</b>	<b>1070</b>	<b>1383</b>	<b>1696</b>	<b>2022</b>	<b>2323</b>	<b>2637</b>
Store Conditions <b>40°C 70% RH</b>	<b>475</b>	<b>811</b>	<b>1154</b>	<b>1496</b>	<b>1836</b>	<b>2191</b>	<b>2520</b>	<b>2862</b>

Standard Series Low Temperature (Heated Glass) Electronic Ballast (Lighting)								
1800mm H x 600mm Triple Glazed Heated Glass Low Temperature	1 Door	2 Door	3 Door	4 Door	5 Door	6 Door	7 Door	8 Door
Store Conditions <b>25°C 60% RH</b>	<b>573</b>	<b>1008</b>	<b>1425</b>	<b>1862</b>	<b>2293</b>	<b>2676</b>	<b>3152</b>	<b>3564</b>
Store Conditions <b>30°C 70% RH</b>	<b>624</b>	<b>1110</b>	<b>1578</b>	<b>2066</b>	<b>2579</b>	<b>2983</b>	<b>3511</b>	<b>3973</b>
Store Conditions <b>35°C 70% RH</b>	<b>658</b>	<b>1179</b>	<b>1681</b>	<b>2204</b>	<b>2720</b>	<b>3189</b>	<b>3751</b>	<b>4248</b>
Store Conditions <b>40°C 70% RH</b>	<b>699</b>	<b>1260</b>	<b>1803</b>	<b>2366</b>	<b>2923</b>	<b>3432</b>	<b>4034</b>	<b>4571</b>

$$\begin{array}{c}
 \boxed{\text{TOTAL COOLROOM / FREEZER ROOM LOAD INCLUDING STANDARD SERIES GLASS DOOR/S LOAD IN WATTS}} \\
 = \\
 \frac{\boxed{\text{COOLROOM / FREEZER ROOM LOAD IN WATTS PER HOUR}} + \boxed{\text{GLASS DOOR LOAD SELECTED FROM TABLES IN WATTS PER HOUR}} \times \boxed{\text{24 HOURS}}}{\boxed{\text{COMPRESSOR / CONDENSING UNIT DAILY RUN TIME.}}}
 \end{array}$$

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