



INNOVATION IN REFRIGERATION

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

### Door Size - 1500mm x 500mm

Standard Series Medium Temperature (Non Heated Glass) Electronic Ballast (Lighting)								
1500mm H x 500mm 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>	239	412	557	745	904	1076	1242	1416
<b>NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY</b>								

Standard Series Medium Temperature (Heated Glass) Electronic Ballast (Lighting)								
1500mm H x 500mm 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>	275	483	664	887	1082	1290	1492	1701
Store Conditions <b>30°C 70% RH</b>	302	538	746	997	1220	1455	1684	1921
Store Conditions <b>35°C 70% RH</b>	323	579	808	1080	1323	1579	1828	2086
Store Conditions <b>40°C 70% RH</b>	348	630	884	1181	1450	1731	2006	2290

Standard Series Low Temperature (Heated Glass) Electronic Ballast (Lighting)								
1500mm H x 500mm 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>	417	738	1063	1365	1683	2022	2347	2638
Store Conditions <b>30°C 70% RH</b>	461	825	1193	1539	1900	2282	2651	2985
Store Conditions <b>35°C 70% RH</b>	492	888	1288	1665	2058	2472	2873	3228
Store Conditions <b>40°C 70% RH</b>	530	964	1401	1816	2247	2698	3137	3628

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

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