



INNOVATION IN REFRIGERATION

HEAT LOAD IN WATTS FOR GLASS DOORS INSERT AND LIGHTING

Door Size - 800mm x 500mm

Standard Series Medium Temperature (Non Heated Glass) Electronic Ballast (Lighting)								
800mm 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 25°C 60% RH	155	254	371	474	576	708	823	899
NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY								

Standard Series Medium Temperature (Heated Glass) Electronic Ballast (Lighting)								
800mm 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 25°C 60% RH	182	307	450	580	708	867	1009	1111
Store Conditions 30°C 70% RH	200	344	506	654	801	978	1138	1259
Store Conditions 35°C 70% RH	214	371	546	708	868	1059	1233	1367
Store Conditions 40°C 70% RH	231	404	597	776	953	1161	1351	1502

Standard Series Low Temperature (Heated Glass) Electronic Ballast (Lighting)								
800mm 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 25°C 60% RH	241	426	619	812	993	1173	1366	1551
Store Conditions 30°C 70% RH	268	481	701	922	1130	1337	1557	1770
Store Conditions 35°C 70% RH	289	523	764	1005	1234	1462	1703	1936
Store Conditions 40°C 70% RH	314	573	839	1106	1360	1613	1879	2137

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

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