



INNOVATION IN REFRIGERATION

HEAT LOAD IN WATTS FOR GLASS DOORS INSERT AND LIGHTING

Door Size - 1800mm x 700mm

Standard Series Medium Temperature (Non Heated Glass) Electronic Ballast (Lighting)								
1800mm H x 700mm 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	357	584	811	1020	1270	1451	1667	1892
NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY								

Standard Series Medium Temperature (Heated Glass) Electronic Ballast (Lighting)								
1800mm H x 700mm 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	420	711	1001	1272	1585	1829	2108	2396
Store Conditions 30°C 70% RH	455	780	1105	1410	1759	2037	2350	2674
Store Conditions 35°C 70% RH	480	829	1179	1510	1882	2185	2524	2872
Store Conditions 40°C 70% RH	509	888	1268	1628	2030	2363	2731	3108

Standard Series Low Temperature (Heated Glass) Electronic Ballast (Lighting)								
1800mm H x 700mm 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	621	1078	1522	1998	2454	2893	3375	3847
Store Conditions 30°C 70% RH	675	1186	1684	2214	2723	3216	3752	4278
Store Conditions 35°C 70% RH	711	1258	1791	2357	2903	3431	4003	4565
Store Conditions 40°C 70% RH	753	1342	1917	2525	3112	3683	4297	4900

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

THE INFORMATION CONTAINED WITHIN THIS DOCUMENT REMAINS THE INTELLECTUAL PROPERTY OF MASLEN TECHNOLOGY PTY LTD AND IS INTENDED FOR ENGINEERING REFRIGERATION SYSTEMS THAT INCORPORATE MASLEN PRODUCTS.

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