



INNOVATION IN REFRIGERATION

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

### Door Size - 1800mm x 500mm

Highlight Series Medium Temperature (Non Heated Glass) Electronic Ballast (Lighting)								
1800mm 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>	157	288	413	519	647	774	876	1009
NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY								

Highlight Series Low Temperature (Non Heated Glass) Electronic Ballast (Lighting)								
1800mm H x 500mm Triple Glazed Non 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>	201	406	609	795	998	1204	1379	1593
NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY								

Highlight Series Medium Temperature (Heated Glass) Electronic Ballast (Lighting)								
1800mm 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>	157	288	413	519	647	774	876	1009
Store Conditions <b>30°C 70% RH</b>	191	354	513	652	814	974	1110	1275
Store Conditions <b>35°C 70% RH</b>	210	393	571	730	911	1091	1246	1431
Store Conditions <b>40°C 70% RH</b>	233	439	639	821	1024	1227	1405	1612

Highlight Series Low Temperature (Heated Glass) Electronic Ballast (Lighting)								
1800mm 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>	250	505	757	992	1245	1500	1724	1987
Store Conditions <b>30°C 70% RH</b>	275	553	830	1089	1366	1646	1895	2182
Store Conditions <b>35°C 70% RH</b>	304	611	917	1205	1512	1821	2098	2414
Store Conditions <b>40°C 70% RH</b>	338	680	1020	1343	1683	2026	2338	2689

HORIZONTAL LIGHTING HEAT LOAD INCLUDED

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

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.