



INNOVATION IN REFRIGERATION

HEAT LOAD IN WATTS FOR GLASS DOORS INSERT AND LIGHTING

Door Size - 1650mm x 600mm

Highlight Series Medium Temperature (Non Heated Glass) Electronic Ballast (Lighting)								
1650mm 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 25°C 60% RH	175	293	418	536	679	779	905	1015
NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY								

Highlight Series Low Temperature (Non Heated Glass) Electronic Ballast (Lighting)								
1650mm H x 600mm 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 25°C 60% RH	205	355	504	649	800	945	1099	1242
NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY								

Highlight Series Medium Temperature (Heated Glass) Electronic Ballast (Lighting)								
1650mm 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 25°C 60% RH	195	334	478	616	780	900	1046	1176
Store Conditions 30°C 70% RH	210	365	525	679	858	993	1155	1301
Store Conditions 35°C 70% RH	230	404	584	758	956	1111	1293	1459
Store Conditions 40°C 70% RH	253	450	653	850	1071	1249	1454	1643

Highlight Series Low Temperature (Heated Glass) Electronic Ballast (Lighting)								
1650mm 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 25°C 60% RH	266	477	688	894	1106	1312	1528	1731
Store Conditions 30°C 70% RH	292	529	765	997	1235	1468	1709	1939
Store Conditions 35°C 70% RH	322	587	853	1114	1382	1644	1914	2173
Store Conditions 40°C 70% RH	356	656	957	1252	1554	1850	2155	2449

HORIZONTAL LIGHTING 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.

4/16 Paramount Drive
Wangara W.A 6065
Telephone (08) 9302 3270
Fax (08) 9302 3271
enquiries@maslen.com.au

38G Grigor Street
Caloundra Qld 4551
Telephone (07) 5491 6836
or Freecall 1800 627 536
Fax (07) 54916836
enquiries@maslen.com.au