



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)								
Magnetic 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 25°C 60% RH	250	434	590	789	959	1142	1319	1504

NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY

Standard Series Medium Temperature (Heated Glass)								
Magnetic 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 25°C 60% RH	286	505	696	931	1137	1356	1568	1789
Store Conditions 30°C 70% RH	313	560	779	1041	1275	1521	1761	2009
Store Conditions 35°C 70% RH	334	601	841	1124	1378	1644	1905	2174
Store Conditions 40°C 70% RH	359	652	917	1225	1505	1797	2083	2378

Standard Series Low Temperature (Heated Glass)								
Magnetic 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 25°C 60% RH	428	760	1096	1409	1738	2087	2424	2726
Store Conditions 30°C 70% RH	472	847	1226	1583	1955	2348	2728	3073
Store Conditions 35°C 70% RH	503	910	1321	1709	2113	2538	2949	3326
Store Conditions 40°C 70% RH	541	986	1434	1860	2302	2764	3213	3628

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

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.