

HEAT LOAD IN WATTS FOR GLASS DOORS INSERT AND LIGHTING

Door Size - 1800mm x 750mm

Standard Series Medium Temperature (Non Heated Glass)								
Magnetic Ballast (Lighting)								
1800mm H x 750mm 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	401	636	880	1101	1387	1613	1874	2133
NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY								

Standard Series Medium Temperature (Heated Glass)								
Magnetic Ballast (Lighting)								
1800mm H x 750mm 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	469	772	1083	1372	1725	2018	2348	2674
Store Conditions 30°C 70% RH	505	843	1191	1515	1905	2234	2599	2961
Store Conditions 35°C 70% RH	530	894	1267	1617	2032	2387	2777	3165
Store Conditions 40°C 70% RH	561	955	1358	1738	2184	2568	2989	3407

Standard Series Low Temperature (Heated Glass)								
Magnetic Ballast (Lighting)								
1800mm H x 750mm 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	676	1166	1665	2133	2633	3158	3661	4125
Store Conditions 30°C 70% RH	732	1276	1831	2354	2897	3490	4048	4567
Store Conditions 35°C 70% RH	768	1350	1941	2500	3080	3709	4305	4860
Store Conditions 40°C 70% RH	811	1435	2069	2671	3293	3965	4603	5201

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

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.