



INNOVATION IN REFRIGERATION

HEAT LOAD IN WATTS FOR GLASS DOORS INSERT AND LIGHTING

Door Size - 1650mm x 750mm

Standard Series Medium Temperature (Non Heated Glass)								
Electronic Ballast (Lighting)								
1650mm 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	332	561	775	972	1221	1448	1652	1877

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

Standard Series Medium Temperature (Heated Glass)								
Electronic Ballast (Lighting)								
1650mm 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	422	622	897	1157	1467	1755	2020	2306
Store Conditions 30°C 70% RH	460	684	993	1287	1631	1954	2254	2574
Store Conditions 35°C 70% RH	484	733	1067	1386	1754	2102	2426	2770
Store Conditions 40°C 70% RH	514	792	1155	1503	1901	2278	2631	3005

Standard Series Low Temperature (Heated Glass)								
Electronic Ballast (Lighting)								
1650mm 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	585	1075	1536	1981	2437	2908	3382	3816
Store Conditions 30°C 70% RH	637	1184	1699	2198	2708	3234	3762	4251
Store Conditions 35°C 70% RH	673	1255	1806	2340	2887	3448	4012	4536
Store Conditions 40°C 70% RH	714	1338	1932	2507	3095	3698	4304	4870

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

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.