



INNOVATION IN REFRIGERATION

HEAT LOAD IN WATTS FOR GLASS DOORS INSERT AND LIGHTING

Door Size - 1800mm x 500mm

Standard Series Medium Temperature (Non Heated Glass)								
Magnetic 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 25°C 60% RH	364	566	767	997	1212	1387	1635	1791

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

Standard Series Medium Temperature (Heated Glass)								
Magnetic 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 25°C 60% RH	408	653	898	1173	1431	1650	1942	2142
Store Conditions 30°C 70% RH	438	713	987	1291	1579	1828	2149	2379
Store Conditions 35°C 70% RH	459	756	1053	1379	1689	1959	2302	2554
Store Conditions 40°C 70% RH	486	810	1132	1485	1822	2119	2489	2767

Standard Series Low Temperature (Heated Glass)								
Magnetic 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 25°C 60% RH	568	875	1350	1734	2131	2521	2921	3312
Store Conditions 30°C 70% RH	615	969	1491	1922	2366	2803	3251	3689
Store Conditions 35°C 70% RH	648	1035	1590	2053	2531	3000	3481	3952
Store Conditions 40°C 70% RH	687	1113	1707	2209	2726	3234	3754	4263

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

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