



INNOVATION IN REFRIGERATION

HEAT LOAD IN WATTS FOR GLASS DOORS INSERT AND LIGHTING

Door Size - 800mm x 500mm

| Highlight Series Medium Temperature (Non Heated Glass) Magnetic Ballast (Lighting) | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| 800mm 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 | 81 | 184 | 286 | 362 | 464 | 566 | 626 | 748 |
| NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY | | | | | | | | |

| Highlight Series Low Temperature (Non Heated Glass) Magnetic Ballast (Lighting) | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| 800mm H x 500mm 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 | 105 | 230 | 355 | 454 | 578 | 701 | 787 | 927 |
| NON-HEATED GLASS DOORS AIR CONDITIONED APPLICATIONS 25°C 60% RH ONLY | | | | | | | | |

| Highlight Series Medium Temperature (Heated Glass) Magnetic Ballast (Lighting) | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| 800mm 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 | 89 | 200 | 310 | 393 | 504 | 612 | 681 | 810 |
| Store Conditions 30°C 70% RH | 97 | 216 | 334 | 426 | 544 | 660 | 737 | 875 |
| Store Conditions 35°C 70% RH | 108 | 238 | 367 | 470 | 599 | 726 | 814 | 963 |
| Store Conditions 40°C 70% RH | 121 | 264 | 406 | 521 | 664 | 804 | 905 | 1066 |

| Highlight Series Low Temperature (Heated Glass) Magnetic Ballast (Lighting) | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| 800mm 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 | 129 | 280 | 429 | 553 | 701 | 849 | 959 | 1124 |
| Store Conditions 30°C 70% RH | 143 | 307 | 470 | 607 | 769 | 931 | 1054 | 1232 |
| Store Conditions 35°C 70% RH | 160 | 341 | 521 | 675 | 854 | 1033 | 1173 | 1368 |
| Store Conditions 40°C 70% RH | 180 | 381 | 581 | 755 | 954 | 1153 | 1313 | 1529 |

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.

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