



Calculation based on ISO 15099

| | | | | | | | | |
|---|--------------|-------------------------------------|--|----------------------------|-------------------|--|-------------------|-------------|
| Product name: Kohltech CPVC Outswing Door | | | | Center-of-glass properties | | | | |
| ASHRAE/IECC /DOE North American Climate Zone | South-facing | North, East, West - facing |  | | | Kohltech 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA No Grids | | |
| Climate specific recommendations: | | Whole-window installed U-value | | | | Ucog-Value | | |
| | | W/m2K | BTU/hr.ft2.F | SHGC | W/m2K | BTU/hr.ft2.F | | |
| 8 | | 1.20 | 0.21 | 0.613 | 0.769 | 0.135 | | |
| 7 | | 1.20 | 0.21 | 0.613 | 0.762 | 0.134 | | |
| 6 | | 1.20 | 0.21 | 0.613 | 0.760 | 0.134 | | |
| 5 | | 1.20 | 0.21 | 0.613 | 0.760 | 0.134 | | |
| 4 | | 1.20 | 0.21 | 0.613 | 0.762 | 0.134 | | |
| Marine North | | 1.20 | 0.21 | 0.613 | 0.765 | 0.135 | | |
| Marine South | | 1.20 | 0.21 | 0.613 | 0.770 | 0.136 | | |
| 3 | | 1.20 | 0.21 | 0.613 | 0.767 | 0.135 | | |
| 2 West | | 1.21 | 0.21 | 0.613 | 0.779 | 0.137 | | |
| 2 East | | 1.21 | 0.21 | 0.613 | 0.779 | 0.137 | | |
| Kohltech CPVC Outswing Door | | FRAME | | | Psi-spacer | | Psi-opaque | |
| Super Spacer Premium Enhanced | | Frame height | | U-frame | | Ψ | | W/mK |
| | | mm | in | W/m2K | BTU/hr.ft2.F | W/mK | BTU/hr.ft.F | |
| | Head | 111 | 4.37 | 1.40 | 0.25 | 0.017 | 0.010 | 0.238 |
| | Sill | 116 | 4.57 | 2.62 | 0.46 | 0.020 | 0.012 | BTU/hr.ft.F |
| | left jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | 0.138 |
| | right jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | Grade D |


Valid through April 2024

Calculation based on ISO 15099

| | | | | | | | |
|--|--------------|-------------------------------------|---|--------------|---|--------------|-------------|
| Product name: Kohltech CPVC Outswing Door | | Center-of-glass properties | | | | | |
| ASHRAE/IECC /DOE North American Climate Zone | South-facing | North, East, West - facing |  | | Kohltech 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA Internal grids < 25.4mm maintain 3mm clearance | | |
| Climate specific recommendations: | | Whole-window installed U-value | | | <u>Ucog-Value</u> | | |
| | | W/m2K | BTU/hr.ft2.F | SHGC | W/m2K | BTU/hr.ft2.F | |
| 8 | | 1.20 | 0.21 | 0.533 | 0.769 | 0.135 | |
| 7 | | 1.20 | 0.21 | 0.533 | 0.762 | 0.134 | |
| 6 | | 1.20 | 0.21 | 0.533 | 0.760 | 0.134 | |
| 5 | | 1.20 | 0.21 | 0.533 | 0.760 | 0.134 | |
| 4 | | 1.20 | 0.21 | 0.533 | 0.762 | 0.134 | |
| Marine North | | 1.20 | 0.21 | 0.533 | 0.765 | 0.135 | |
| Marine South | | 1.20 | 0.21 | 0.533 | 0.770 | 0.136 | |
| 3 | | 1.20 | 0.21 | 0.533 | 0.767 | 0.135 | |
| 2 West | | 1.21 | 0.21 | 0.533 | 0.779 | 0.137 | |
| 2 East | | 1.21 | 0.21 | 0.533 | 0.779 | 0.137 | |
| Kohltech CPVC Outswing Door Super Spacer Premium Enhanced | | FRAME | | | Psi-spacer | | Psi-opaque |
| | | Frame height | | U-frame | | □ | |
| | mm | in | W/m2K | BTU/hr.ft2.F | W/mK | BTU/hr.ft.F | |
| Head | 111 | 4.37 | 1.40 | 0.25 | 0.017 | 0.010 | 0.238 |
| Sill | 116 | 4.57 | 2.62 | 0.46 | 0.020 | 0.012 | BTU/hr.ft.F |
| left jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | 0.138 |
| right jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | Grade D |


Valid through April 2024

Calculation based on ISO 15099

| | | | | | | | |
|--|--|--|--------------|--|-------------|-------------------|-------------|
| Product name: Kohltech CPVC Outswing Door | | Center-of-glass properties | | | | | |
| ASHRAE/IECC /DOE North American Climate Zone | North, East, West - South-facing facing |  | | Kohltech 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA Internal grids < 25.4mm | | | |
| Climate specific recommendations: | | | | Whole-window installed U-value | | <u>Ucog-Value</u> | |
| | | W/m2K | BTU/hr.ft2.F | SHGC | W/m2K | BTU/hr.ft2.F | |
| 8 | | 1.26 | 0.22 | 0.533 | 0.769 | 0.135 | |
| 7 | | 1.25 | 0.22 | 0.533 | 0.762 | 0.134 | |
| 6 | | 1.25 | 0.22 | 0.533 | 0.760 | 0.134 | |
| 5 | | 1.25 | 0.22 | 0.533 | 0.760 | 0.134 | |
| 4 | | 1.26 | 0.22 | 0.533 | 0.762 | 0.134 | |
| Marine North | | 1.26 | 0.22 | 0.533 | 0.765 | 0.135 | |
| Marine South | | 1.26 | 0.22 | 0.533 | 0.770 | 0.136 | |
| 3 | | 1.26 | 0.22 | 0.533 | 0.767 | 0.135 | |
| 2 West | | 1.27 | 0.22 | 0.533 | 0.779 | 0.137 | |
| 2 East | | 1.27 | 0.22 | 0.533 | 0.779 | 0.137 | |
| Kohltech CPVC Outswing Door Super Spacer Premium Enhanced | | FRAME | | Psi-spacer | | Psi-opaque | |
| | | Frame height | | U-frame | | □ | W/mK |
| mm | in | W/m2K | BTU/hr.ft2.F | W/mK | BTU/hr.ft.F | | |
| Head | 111 | 4.37 | 1.40 | 0.25 | 0.017 | 0.010 | 0.238 |
| Sill | 116 | 4.57 | 2.62 | 0.46 | 0.020 | 0.012 | BTU/hr.ft.F |
| left jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | 0.138 |
| right jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | Grade D |


Valid through April 2024

Calculation based on ISO 15099

| | | | | | | | |
|--|--|--|--------------|--|-------------|--------------|-------------|
| Product name: Kohltech CPVC Outswing Door | | Center-of-glass properties | | | | | |
| ASHRAE/IECC /DOE North American Climate Zone | North, East, West - South-facing facing |  | | Kohltech 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA Internal grids >= 25.4mm maintain 3mm clearance | | | |
| Climate specific recommendations: | | Whole-window installed U-value | | Ucog-Value | | | |
| | | W/m2K | BTU/hr.ft2.F | SHGC | W/m2K | BTU/hr.ft2.F | |
| 8 | | 1.20 | 0.21 | 0.458 | 0.769 | 0.135 | |
| 7 | | 1.20 | 0.21 | 0.458 | 0.762 | 0.134 | |
| 6 | | 1.20 | 0.21 | 0.458 | 0.760 | 0.134 | |
| 5 | | 1.20 | 0.21 | 0.458 | 0.760 | 0.134 | |
| 4 | | 1.20 | 0.21 | 0.458 | 0.762 | 0.134 | |
| Marine North | | 1.20 | 0.21 | 0.458 | 0.765 | 0.135 | |
| Marine South | ☑ | 1.20 | 0.21 | 0.458 | 0.770 | 0.136 | |
| 3 | | 1.20 | 0.21 | 0.458 | 0.767 | 0.135 | |
| 2 West | | 1.21 | 0.21 | 0.458 | 0.779 | 0.137 | |
| 2 East | | 1.21 | 0.21 | 0.458 | 0.779 | 0.137 | |
| Kohltech CPVC Outswing Door Super Spacer Premium Enhanced | | FRAME | | Psi-spacer | | Psi-opaque | |
| | | Frame height | | U-frame | | □ | W/mK |
| mm | in | W/m2K | BTU/hr.ft2.F | W/mK | BTU/hr.ft.F | | |
| Head | 111 | 4.37 | 1.40 | 0.25 | 0.017 | 0.010 | 0.238 |
| Sill | 116 | 4.57 | 2.62 | 0.46 | 0.020 | 0.012 | BTU/hr.ft.F |
| left jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | 0.138 |
| right jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | Grade D |

Valid through April 2024

Calculation based on ISO 15099

| | | | | | | | | | | |
|--|-------------------------------------|-------------------------------------|---|----------------------------|--|--------------|-------------------|-------------|-------|-------------|
| Product name: Kohltech CPVC Outswing Door | | | | Center-of-glass properties | | | | | | |
| ASHRAE/IECC /DOE North American Climate Zone | South-facing | North, East, West - facing |  | | Kohltech 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA Internal grids >= 25.4mm | | | | | |
| Climate specific recommendations: | | | | | Whole-window installed U-value | | <u>Ucog-Value</u> | | | |
| | | | W/m2K | BTU/hr.ft2.F | SHGC | W/m2K | BTU/hr.ft2.F | | | |
| 8 | | | 1.26 | 0.22 | 0.458 | 0.769 | 0.135 | | | |
| 7 | | | 1.25 | 0.22 | 0.458 | 0.762 | 0.134 | | | |
| 6 | | | 1.25 | 0.22 | 0.458 | 0.760 | 0.134 | | | |
| 5 | | | 1.25 | 0.22 | 0.458 | 0.760 | 0.134 | | | |
| 4 | | | 1.26 | 0.22 | 0.458 | 0.762 | 0.134 | | | |
| Marine North | | | 1.26 | 0.22 | 0.458 | 0.765 | 0.135 | | | |
| Marine South | <input checked="" type="checkbox"/> | | 1.26 | 0.22 | 0.458 | 0.770 | 0.136 | | | |
| 3 | | | 1.26 | 0.22 | 0.458 | 0.767 | 0.135 | | | |
| 2 West | | | 1.27 | 0.22 | 0.458 | 0.779 | 0.137 | | | |
| 2 East | | | 1.27 | 0.22 | 0.458 | 0.779 | 0.137 | | | |
| Kohltech CPVC Outswing Door Super Spacer Premium Enhanced | | | FRAME | | Psi-spacer | | Psi-opaque | | | |
| | | | Frame height | | U-frame | | □ | | W/mK | |
| | | | mm | in | W/m2K | BTU/hr.ft2.F | W/mK | BTU/hr.ft.F | | |
| | | | Head | 111 | 4.37 | 1.40 | 0.25 | 0.017 | 0.010 | 0.238 |
| | | | Sill | 116 | 4.57 | 2.62 | 0.46 | 0.020 | 0.012 | BTU/hr.ft.F |
| left jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | 0.138 | | | |
| right jamb | 111 | 4.37 | 1.53 | 0.27 | 0.020 | 0.011 | Grade D | | | |

Valid through April 2024