



Client: Folding Sliding Doors Canada Ltd.
 Project Number: G104596649
 Window 7.4 Database: J9136.03-W7.mdb
 Spacer: Cardinal Endur SS-D
 Model Type: FD73 Aluminum Folding Door System (1 Lite Configuration)

Date: 24-Mar-21
 Simulated by: Jonathan P. Spencer
 Reviewed by: Eric S. Leitner
 Standard: CSA A440.2-14

| ID | Manufacturer Product ID | Glazing Details | LowE Emissivity | Gap / Fill | Spacer | Divider | Air Leakage Infiltration [L/s·m ²] | Air Leakage Exfiltration [L/s·m ²] | Visual Transmittance (VT) | Overall U-Factor [W/m ² ·°C] | SHGC _w | Energy Rating ER | Energy Star Requirement |
|----|--|--|--|-------------------------|--------|---------|--|--|---------------------------|---|-------------------|------------------|-------------------------|
| 1 | FD72-270(4MM)-ARG90-CLR(4MM) | Folding Door Double glazing Exterior - 4 mm Cardinal LoE2 270 on Clear (S#2) Interior - 4 mm Cardinal Clear | ID#: 2027 ID#: 2002 0.035 | 12.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.45 | 1.86 | 0.25 | 13 | NO |
| 2 | FD72-366(4MM)-ARG90-CLR(4MM) | Folding Door Double glazing Exterior - 4 mm Cardinal LoE3 366 on Clear (S#2) Interior - 4 mm Cardinal Clear | ID#: 2155 ID#: 2002 0.02 | 13.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.42 | 1.84 | 0.19 | 10 | NO |
| 3 | FD72-270(4MM)-ARG90-i89(4MM) | Folding Door Double glazing Exterior - 4 mm Cardinal LoE2 270 on Clear (S#2) Interior - 4 mm Cardinal i89 on Clear (S#4) | ID#: 2027 ID#: 2160 0.035 0.149 | 14.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.44 | 1.64 | 0.24 | 17 | NO |
| 4 | FD72-366(4MM)-ARG90-i89(4MM) | Folding Door Double glazing Exterior - 4 mm Cardinal LoE3 366 on Clear (S#2) Interior - 4 mm Cardinal i89 on Clear (S#4) | ID#: 2155 ID#: 2160 0.02 0.149 | 15.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.41 | 1.63 | 0.18 | 14 | NO |
| 5 | FD72-270(4MM)-ARG90-CLR(4MM)-ARG90-270(4MM) | Folding Door Triple glazing Exterior - 4 mm Cardinal LoE2 270 on Clear (S#2) Middle - 4 mm Cardinal Clear Interior - 4 mm Cardinal LoE2 270 on Clear (S#5) | ID#: 2027 ID#: 2002 ID#: 2027 0.035 0.035 | 16.7/16.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.35 | 1.5 | 0.21 | 19 | NO |
| 6 | FD72-270(4MM)-ARG90-180(4MM)-ARG90-i89(4MM) | Folding Door Triple glazing Exterior - 4 mm Cardinal LoE2 270 on Clear (S#2) Middle - 4 mm Cardinal LoE 180 on Clear (S#4) Interior - 4 mm Cardinal i89 on Clear (S#6) | ID#: 2027 ID#: 2192 ID#: 2160 0.035 0.068 0.149 | 17.7/17.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.39 | 1.42 | 0.22 | 21 | NO |
| 7 | FD72-366(4MM)-ARG90-CLR(4MM)-ARG90-180(4MM) | Folding Door Triple glazing Exterior - 4 mm Cardinal LoE3 366 on Clear (S#2) Middle - 4 mm Cardinal Clear Interior - 4 mm Cardinal LoE 180 on Clear (S#5) | ID#: 2155 ID#: 2002 ID#: 2192 0.02 0.068 | 18.7/18.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.37 | 1.51 | 0.17 | 16 | NO |
| 8 | FD72-270(4MM)-ARG90-180(4MM)-ARG90-i89(4MM) | Folding Door Triple glazing Exterior - 4 mm Cardinal LoE2 270 on Clear (S#2) Middle - 4 mm Cardinal LoE 180 on Clear (S#4) Interior - 4 mm Cardinal i89 on Clear (S#6) | ID#: 2027 ID#: 2192 ID#: 2160 0.035 0.068 0.149 | 20.7/20.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.39 | 1.35 | 0.22 | 23 | NO |
| 9 | FD72-366(4MM)-ARG90-CLR(4MM)-FOAM | Folding Door Double glazing Exterior - 4 mm Cardinal LoE3 366 on Clear (S#2) Interior - 4 mm Cardinal Clear | ID#: 2155 ID#: 2002 0.02 | 13.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.42 | 1.84 | 0.19 | 10 | NO |
| 10 | FD72-366(4MM)-ARG90-i89(4MM)-FOAM | Folding Door Double glazing Exterior - 4 mm Cardinal LoE3 366 on Clear (S#2) Interior - 4 mm Cardinal i89 on Clear (S#4) | ID#: 2155 ID#: 2160 0.02 0.149 | 15.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.41 | 1.63 | 0.18 | 14 | NO |
| 11 | FD72-270(4MM)-ARG90-180(4MM)-ARG90-i89(4MM)-FOAM | Folding Door Triple glazing Exterior - 4 mm Cardinal LoE2 270 on Clear (S#2) Middle - 4 mm Cardinal LoE 180 on Clear (S#4) Interior - 4 mm Cardinal i89 on Clear (S#6) | ID#: 2027 ID#: 2192 ID#: 2160 0.035 0.068 0.149 | 20.7/20.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.39 | 1.35 | 0.22 | 23 | NO |
| 12 | FD72-CLR(4MM)-ARG90-180(4MM) | Folding Door Double glazing Exterior - 4 mm Cardinal Clear Interior - 4 mm Cardinal LoE 180 on Clear (S#3) | ID#: 2002 ID#: 2192 0.068 | 21.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.51 | 1.93 | 0.45 | 23 | NO |



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| ID | Manufacturer Product ID | Glazing Details | LowE Emissivity | Gap / Fill | Spacer | Divider | Air Leakage Infiltration [L/s·m ²] | Air Leakage Exfiltration [L/s·m ²] | Visual Transmittance (VT) | Overall U-Factor [W/m ² ·°C] | SHGC _w | Energy Rating ER | Energy Star Requirement |
|----|--|---|--|-------------------------|--------|---------|--|--|---------------------------|---|-------------------|------------------|-------------------------|
| 13 | FD72-180(4MM)-ARG90-189(4MM) | Folding Door Double glazing Exterior - 4 mm Cardinal LoE 180 on Clear (S#2) Interior - 4 mm Cardinal i89 on Clear (S#4) | ID#: 2192 ID#: 2160 0.068 0.149 | 22.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.50 | 1.7 | 0.41 | 26 | NO |
| 14 | FD72-270(4MM)-ARG90-180(4MM) | Folding Door Double glazing Exterior - 4 mm Cardinal LoE2 270 on Clear (S#2) Interior - 4 mm Cardinal LoE 180 on Clear (S#3) | ID#: 2027 ID#: 2192 0.035 0.068 | 23.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.44 | 1.87 | 0.24 | 12 | NO |
| 15 | FD72-366(4MM)-ARG90-180(4MM) | Folding Door Double glazing Exterior - 4 mm Cardinal LoE3 366 on Clear (S#2) Interior - 4 mm Cardinal LoE 180 on Clear (S#3) | ID#: 2155 ID#: 2192 0.02 0.068 | 24.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.41 | 1.86 | 0.19 | 10 | NO |
| 16 | FD72-180(4MM)-ARG90-CLR(3MM)-ARG90-189(4MM) | Folding Door Triple glazing Exterior - 4 mm Cardinal LoE 180 on Clear (S#2) Middle - 3 mm Cardinal Clear Interior - 4 mm Cardinal i89 on Clear (S#6) | ID#: 2192 ID#: 2001 ID#: 2160 0.068 0.068 0.149 | 25.7/25.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.46 | 1.51 | 0.38 | 28 | NO |
| 17 | FD72-180(4MM)-ARG90-180(3MM)-ARG90-189(4MM) | Folding Door Triple glazing Exterior - 4 mm Cardinal LoE 180 on Clear (S#2) Middle - 3 mm Cardinal LoE 180 on Clear (S#4) Interior - 4 mm Cardinal i89 on Clear (S#6) | ID#: 2192 ID#: 2191 ID#: 2160 0.068 0.068 0.149 | 26.7/26.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.44 | 1.36 | 0.35 | 30 | NO |
| 18 | FD72-CLR(4MM)-ARG90-180(4MM)-FOAM | Folding Door Double glazing Exterior - 4 mm Cardinal Clear Interior - 4 mm Cardinal LoE 180 on Clear (S#3) | ID#: 2002 ID#: 2192 0.068 | 21.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.51 | 1.94 | 0.45 | 23 | NO |
| 19 | FD72-180(4MM)-ARG90-189(4MM)-FOAM | Folding Door Double glazing Exterior - 4 mm Cardinal LoE 180 on Clear (S#2) Interior - 4 mm Cardinal i89 on Clear (S#4) | ID#: 2192 ID#: 2160 0.068 0.149 | 22.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.50 | 1.7 | 0.41 | 26 | NO |
| 20 | FD72-270(4MM)-ARG90-180(4MM)-FOAM | Folding Door Double glazing Exterior - 4 mm Cardinal LoE2 270 on Clear (S#2) Interior - 4 mm Cardinal LoE 180 on Clear (S#3) | ID#: 2027 ID#: 2192 0.035 0.068 | 23.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.44 | 1.88 | 0.24 | 12 | NO |
| 21 | FD72-366(4MM)-ARG90-180(4MM)-FOAM | Folding Door Double glazing Exterior - 4 mm Cardinal LoE3 366 on Clear (S#2) Interior - 4 mm Cardinal LoE 180 on Clear (S#3) | ID#: 2155 ID#: 2192 0.02 0.068 | 24.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.41 | 1.86 | 0.19 | 10 | NO |
| 22 | FD72-180(4MM)-ARG90-CLR(3MM)-ARG90-189(4MM)-FOAM | Folding Door Triple glazing Exterior - 4 mm Cardinal LoE 180 on Clear (S#2) Middle - 3 mm Cardinal Clear Interior - 4 mm Cardinal i89 on Clear (S#6) | ID#: 2192 ID#: 2001 ID#: 2160 0.068 0.068 0.149 | 25.7/25.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.46 | 1.51 | 0.38 | 28 | NO |
| 23 | FD72-180(4MM)-ARG90-180(3MM)-ARG90-189(4MM)-FOAM | Folding Door Triple glazing Exterior - 4 mm Cardinal LoE 180 on Clear (S#2) Middle - 3 mm Cardinal LoE 180 on Clear (S#4) Interior - 4 mm Cardinal i89 on Clear (S#6) | ID#: 2192 ID#: 2191 ID#: 2160 0.068 0.068 0.149 | 26.7/26.7 mm ARG 90% | SS-D | None | 0.3 | 0.3 | 0.44 | 1.36 | 0.35 | 30 | NO |

| Window/Door | Report # |
|--------------------------|-------------------|
| FD73 Folding Door System | 101818270COQ-001B |