



Client: Folding Sliding Doors Canada  
 Project Number: G104596649  
 Window 7.4 Database: J9138.02-W7.mdb  
 Spacer: Cardinal Endur SS-D  
 Model Type: FD27 UPVC 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 <sup>2</sup> ]	Air Leakage Exfiltration [L/s·m <sup>2</sup> ]	Visual Transmittance (VT)	Overall U-Factor [W/m <sup>2</sup> ·°C]	SHGC <sub>w</sub>	Energy Rating ER	Energy Star Requirement
1	FD27-270(4MM)-ARG90-CLR(4MM)	Folding Door System 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	0.4	0.5	0.45	1.64	0.24	17	NO
2	FD27-366(4MM)-ARG90-CLR(4MM)	Folding Door System 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	0.4	0.5	0.42	1.62	0.19	15	NO
3	FD27-270(4MM)-ARG90-i89(4MM)	Folding Door System 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	0.4	0.5	0.44	1.42	0.24	22	NO
4	FD27-366(4MM)-ARG90-i89(4MM)	Folding Door System 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	0.4	0.5	0.41	1.41	0.18	19	NO
5	FD27-270(4MM)-ARG90-CLR(4MM)-ARG90-270(4MM)	Folding Door System 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	0.4	0.5	0.35	1.27	0.21	23	NO
6	FD27-270(4MM)-ARG90-180(4MM)-ARG90-i89(4MM)	Folding Door System 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	0.4	0.5	0.39	1.19	0.21	25	YES
7	FD27-366(4MM)-ARG90-CLR(4MM)-ARG90-180(4MM)	Folding Door System 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	0.4	0.5	0.37	1.28	0.17	21	NO
8	FD27-CLR(4MM)-ARG90-180(4MM)	Folding Door System Double glazing Exterior - 4 mm Cardinal Clear Interior - 4 mm Cardinal LoE 180 on Clear (S#3)	ID#: 2002 ID#: 2192 0.068	19.7 mm ARG 90%	SS-D	None	0.4	0.5	0.51	1.7	0.45	28	NO
9	FD27-180(4MM)-ARG90-i89(4MM)	Folding Door System 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	20.7 mm ARG 90%	SS-D	None	0.4	0.5	0.50	1.47	0.41	31	NO
10	FD27-270(4MM)-ARG90-180(4MM)	Folding Door System 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	21.7 mm ARG 90%	SS-D	None	0.4	0.5	0.43	1.64	0.24	17	NO
11	FD27-366(4MM)-ARG90-180(4MM)	Folding Door System 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	22.7 mm ARG 90%	SS-D	None	0.4	0.5	0.40	1.63	0.18	14	NO
12	FD27-180(4MM)-ARG90-CLR(3MM)-ARG90-i89(4MM)	Folding Door System 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 0.149	23.7/23.7 mm ARG 90%	SS-D	None	0.4	0.5	0.46	1.28	0.37	32	NO



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13	FD27-180(4MM)-ARG90-180(3MM)-ARG90-i89(4MM)	Folding Door System 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 0.068 ID#: 2191 0.068 ID#: 2160 0.149	24.7/24.7 mm ARG 90%	SS-D	None	0.4	0.5	0.44	1.13	0.35	34	YES

Window/Door	Report #
FD27 Folding Door System	T1197-6-2