

HUSSMANN®



DOE 2017
Energy Efficiency
Compliant

INNOVATOR DOOR SYSTEM FOR WALK-IN COOLERS

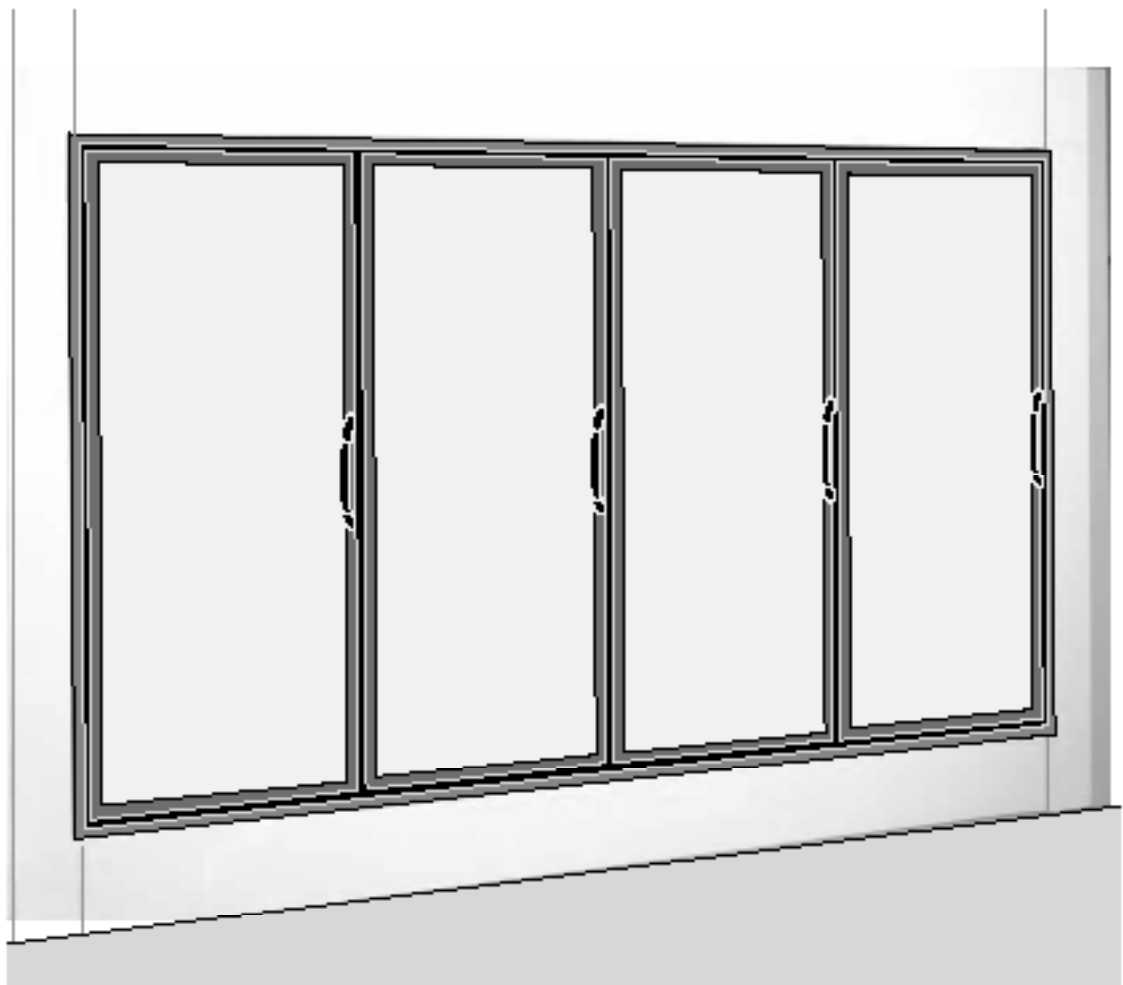
IL—75

IM—75

Technical Data Sheet

P/N 3034473_E

June 2025



One to Five Doors per Frame, Left or Right Hinge

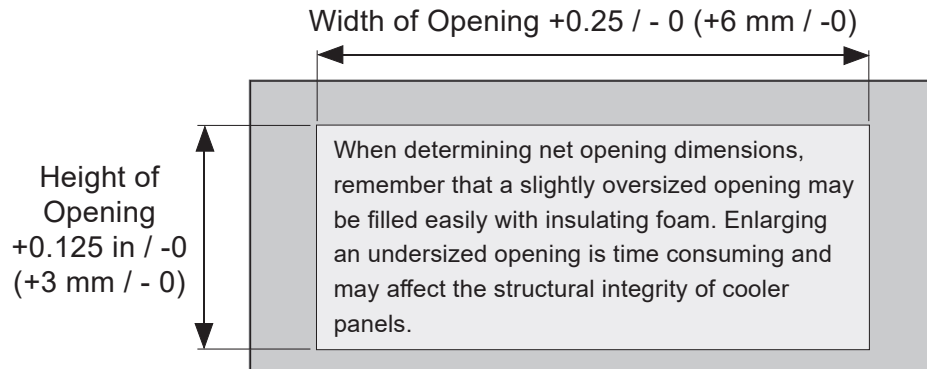
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IM—75

Innovator Door and Frame

Innovator Doors are designed for use in areas where temperature does not exceed 75°F (24°C) and relative humidity does not exceed 55%.

Net Opening Width (from formula on page 3) +0.25 / - 0



Product Code

I X₁ - X₂ X₃ - X₄ XXX₅ - XXXXX₆

1) Temp: L/M (Low/Med)

2) # Doors

3) Swing: L/R (Left/Right)

4) Color: B/G (Black/Gray)

5) Voltage

6) Product: W2475, W3075

Frame Dimensions — to be used in formula on Page 3

Width	IL — 2475 or IM — 2475		IL — 3075 or IM — 3075	
	In.	mm.	In.	mm.
1 Door	24.769	629	31.500	800
2 Doors	48.438	1231	61.938	1574
3 Doors	72.130	1833	92.375	2347
4 Doors	95.813	2434	122.813	3120
5 Doors	119.500	3036	153.250	3893

Height	IL — 2475 or IM — 2475		IL — 3075 or IM — 3075	
	In.	mm.	In.	mm.
	75.125	1908	75.125	1908

**NET OPENING WIDTH FORMULA
FOR 1 TO 4 FRAMES WITH 1 TO 5 DOORS PER
FRAME**

Consult cooler wall manufacturer to determine the maximum number of continuous doors allowed in a lineup between mullion supports.

Formula to Determine Minimum Net Opening for a One Frame Assembly

Clearance LH	+	Frame Width	+	Clearance RH	=	NET OPENING
0.188				0.188		

Frame 1

Formula to Determine Minimum Net Opening for a Continuous Run of Doors with No Mullions Between Frames – Two Frame Assembly

Clearance LH	+	Frame Width	+	Join	+	Frame Width	+	Clearance RH	=	NET OPENING
0.188				0.125				0.188		

Frame 1 Frame 2

Formula to Determine Minimum Net Opening for a Continuous Run of Doors with No Mullions Between Frames – Three Frame Assembly

Clearance LH	+	Frame Width	+	Join	+	Frame Width	+	Join	+	Frame Width	+	Clearance RH	=	NET OPENING
0.188				0.125				0.125				0.188		

Frame 1 Frame 2 Frame 3

Formula to Determine Minimum Net Opening for a Continuous Run of Doors with No Mullions Between Frames – Four Frame Assembly

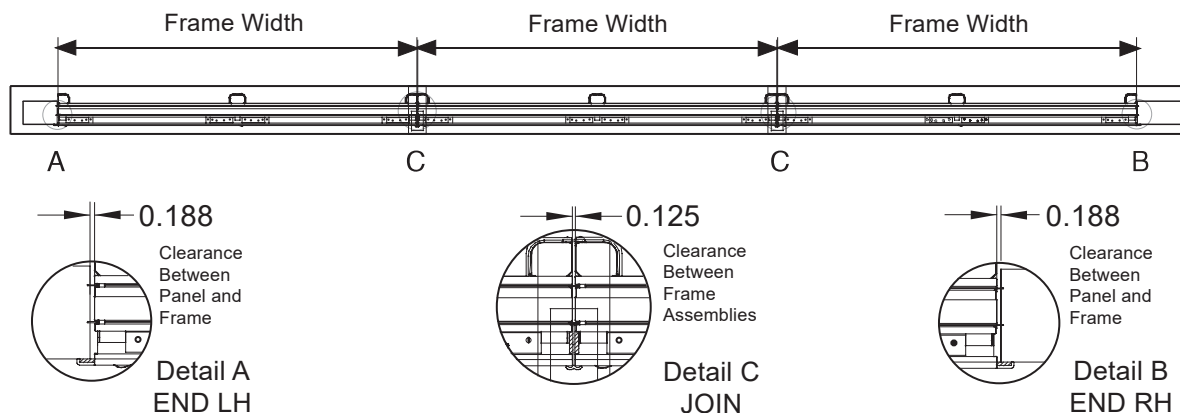
Clearance LH	+	Frame Width	+	Join	+	Frame Width	+	Join	+	Frame Width	+	Join	+	Frame Width	+	Clearance RH	=	NET OPENING
0.188				0.125				0.125				0.125				0.188		

Frame 1 Frame 2 Frame 3 Frame 4

Using the illustration below as an example, the formula for a three frame assembly of two doors each gives Clearance LH + Frame Width + Join + Frame Width + Join + Frame Width + Clearance RH = Net Opening Width

0.188 + 61.938 + 0.125 + 61.938 + 0.125 + 61.938 + 0.188 = 186.44 in. Net Opening Width (frame width from Page 2). Using a two frame assembly of three doors each would require a smaller net opening of 185.25 in. Always use the fewest frames possible to achieve the number of doors required.

THREE-FRAME ASSEMBLY



IL—75

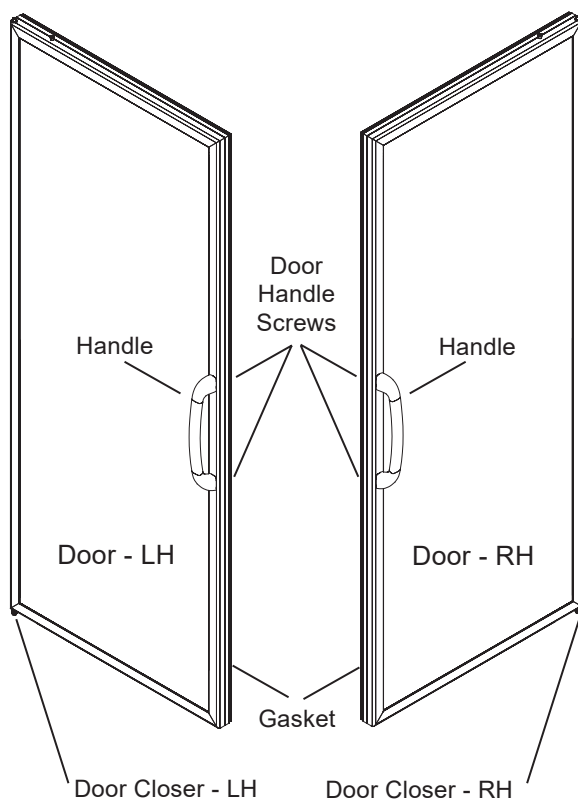
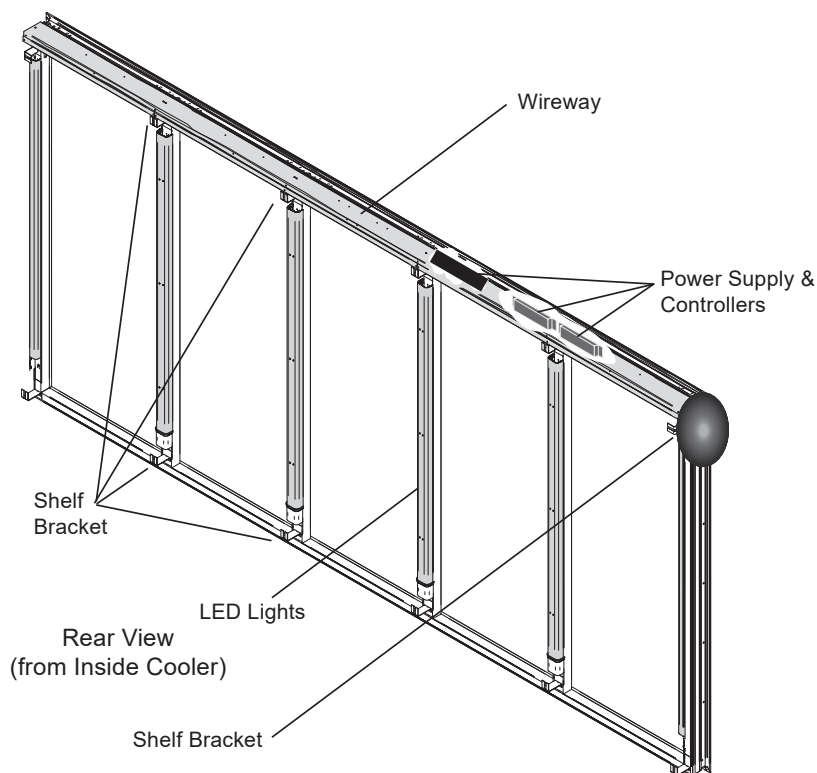
IM—75

Innovator Door and Frame

For questions about your equipment,
please contact our Technical Support Team
at 1-866-785-8499

For general support or service calls,
contact our Customer Support Call Center
at 1-800-922-1919

For ordering aftermarket warranty parts,
call 1-855-HussPrt (1-855-487-7778) or
email the following address:
Hussmann_part_warranty@hussmann.com



CAUTION

Excessive ambient conditions may cause condensation and therefore sweating of doors. Facility operators should monitor doors and floor conditions to ensure safety of persons.

IL—75

IM—75

Innovator Door and Frame

Wiring diagrams are provided in the
Innovator Door System Installation & Service Manual,
P/N 3034474_A

IL—2475

ELECTRICAL DATA

	1 Door	2 Door	3 Door	4 Door	5 Door	1 Door	2 Door	3 Door	4 Door	5 Door
	Amperes					Watt				
Anti-sweat Heaters										
Doors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Frames	0.42	0.72	1.0	1.29	1.56	50	86	120	155	187
Vertical Lighting										
EcoShine LED (120V)	0.11	0.20	0.28	0.37	0.45	13	24	34	44	54

IM—2475

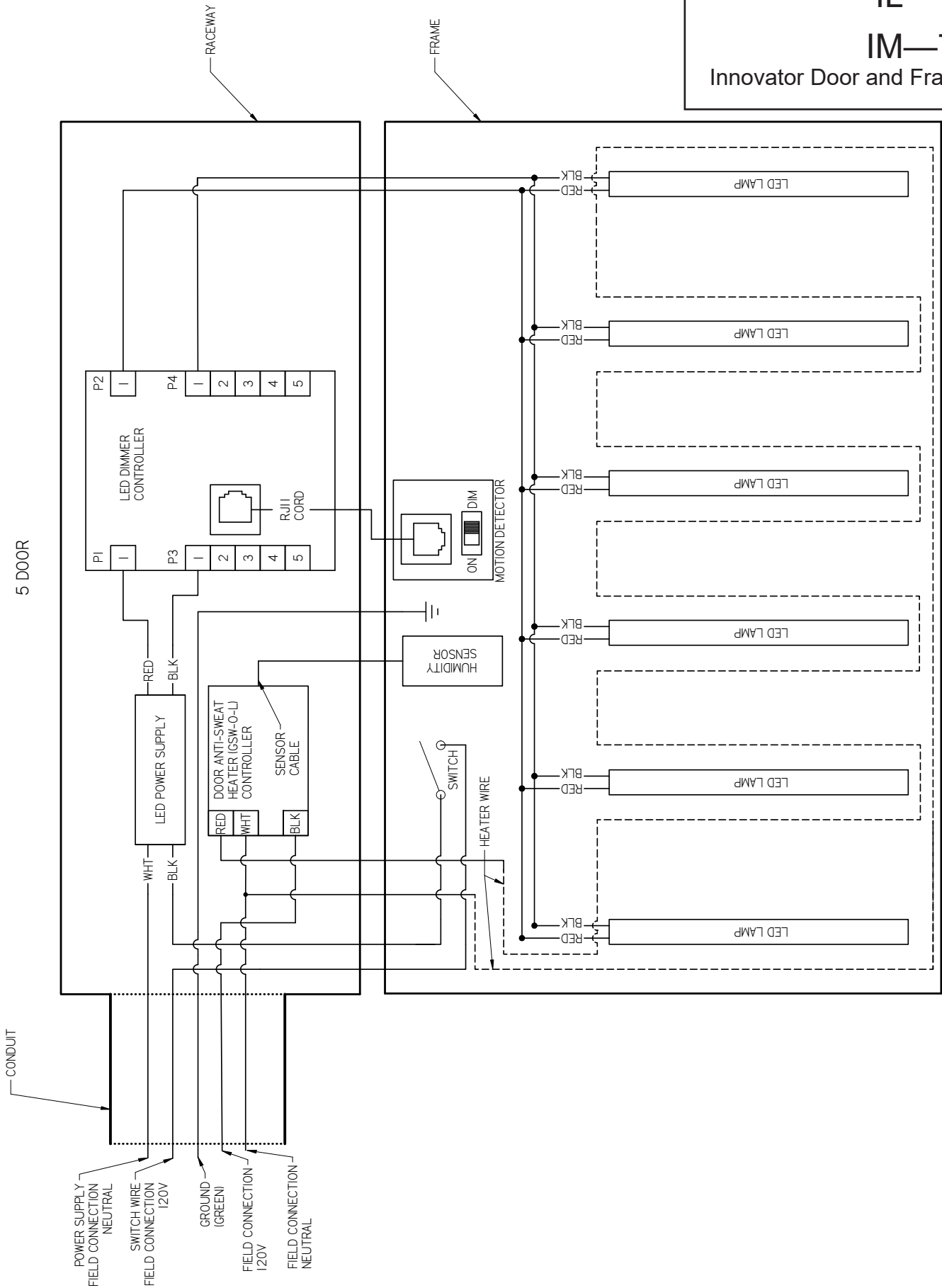
ELECTRICAL DATA

	1 Door	2 Door	3 Door	4 Door	5 Door	1 Door	2 Door	3 Door	4 Door	5 Door
	Amperes					Watt				
Anti-sweat Heaters										
Doors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Frames	0.20	0.61	0.69	0.78	0.86	24	73	83	93	103
Vertical Lighting										
EcoShine LED (120V)	0.11	0.20	0.28	0.37	0.45	13	24	34	44	54

IL—75

IM—75

Innovator Door and Frame



IL—75

IM—75

Innovator Door and Frame

Conduit from Wireway

Each frame has the following wires in flexible conduit:

- A. The Controller Harness is made of two separate wires, one black and one white wire.
- B. The Power Supply Harness has one white wire and one black wire bound with Tie-wrap.
- C. The Ground wire is green.

This photo shows the wiring with lables added for clarity. The diagram shows how the wires must be connected.

