

# HUSSMANN®



**DOE 2017**  
Energy Efficiency  
Compliant

## *INNOVATOR DOOR SYSTEM FOR WALK-IN COOLERS*

IL—75

IM—75

Technical Data Sheet

P/N 3034473\_C

August 2018



**One to Five Doors per Frame, Left or Right Hinge**

DATA SHEET — WALK-IN INNOVATOR DOORS

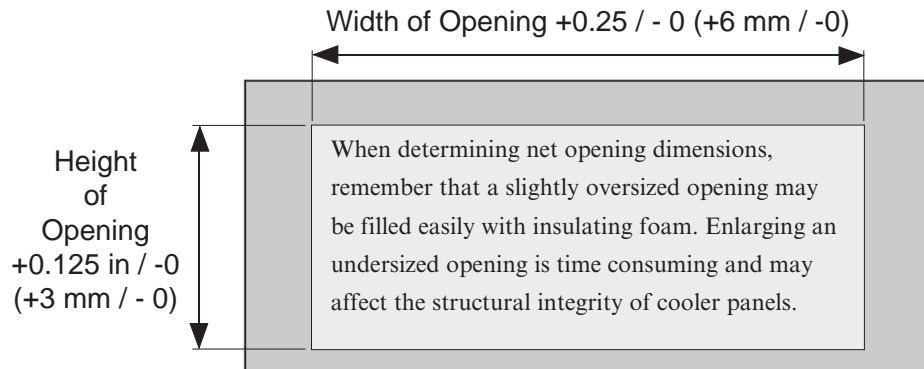
IL—75

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 X<sub>1</sub> - X<sub>2</sub> X<sub>3</sub> - X<sub>4</sub> XXX<sub>5</sub> - XXXXX<sub>6</sub>

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

2) # Doors

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

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

5) Voltage

6) Product: W3067/W3075/W3080/W2475

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



This warning does not mean that Hussmann products will cause cancer or reproductive harm, or is in violation of any product-safety standards or requirements. As clarified by the California State government, Proposition 65 can be considered more of a 'right to know' law than a pure product safety law. When used as designed, Hussmann believes that our products are not harmful. We provide the Proposition 65 warning to stay in compliance with California State law. It is your responsibility to provide accurate Proposition 65 warning labels to your customers when necessary. For more information on Proposition 65, please visit the California State government website.

IL—75  
IM—75  
Innovator Door and Frame

**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 <b>0.188</b>	+	Frame Width	+	Clearance RH <b>0.188</b>
= <b>NET OPENING</b>				
Frame 1				

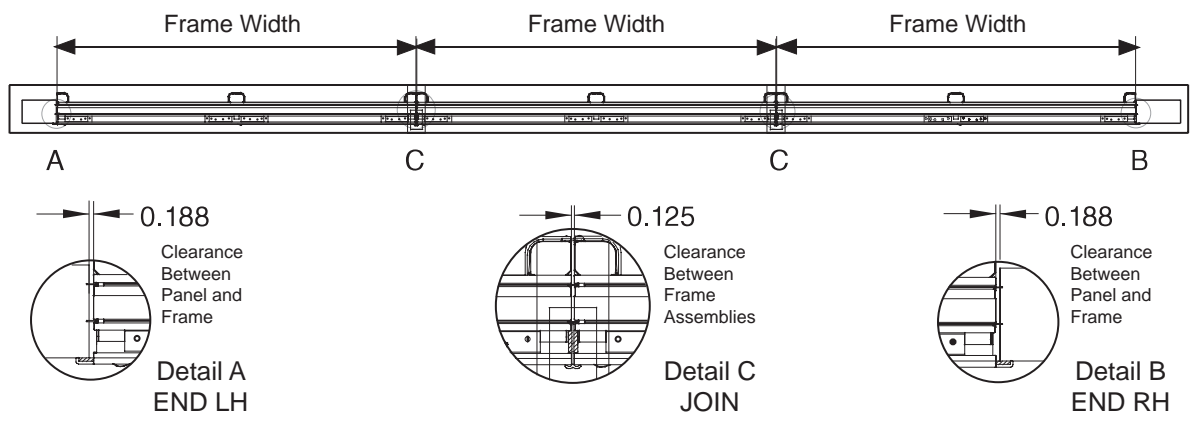
Formula to Determine Minimum Net Opening for a Continuous Run of Doors with No Mullions Between Frames – Two Frame Assembly								
Clearance LH <b>0.188</b>	+	Frame Width	+	Join <b>0.125</b>	+	Frame Width	+	Clearance RH <b>0.188</b>
= <b>NET OPENING</b>								
Frame 1			Frame 2					

Formula to Determine Minimum Net Opening for a Continuous Run of Doors with No Mullions Between Frames – Three Frame Assembly												
Clearance LH <b>0.188</b>	+	Frame Width	+	Join <b>0.125</b>	+	Frame Width	+	Join <b>0.125</b>	+	Frame Width	+	Clearance RH <b>0.188</b>
= <b>NET OPENING</b>												
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 <b>0.188</b>	+	Frame Width	+	Join <b>0.125</b>	+	Frame Width	+	Join <b>0.125</b>	+	Frame Width	+	Join <b>0.125</b>	+	Frame Width	+	Clearance RH <b>0.188</b>
= <b>NET OPENING</b>																
Frame 1			Frame 2			Frame 3			Frame 4							

Using the illustration below as an example, the formula for a three frame assembly of two\_30 in. 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\_30 in. doors each would require a smaller net opening of 185.251 in. **Always use the fewest frames possible to achieve the number of doors required.**

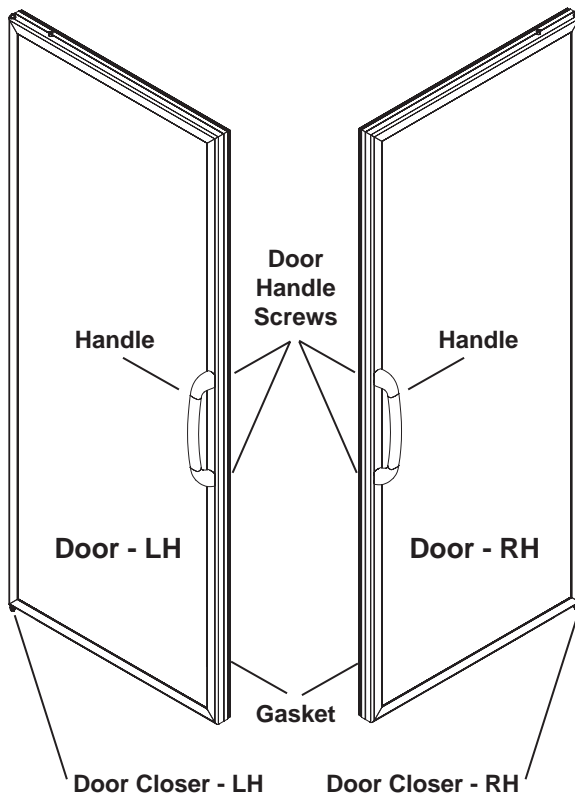
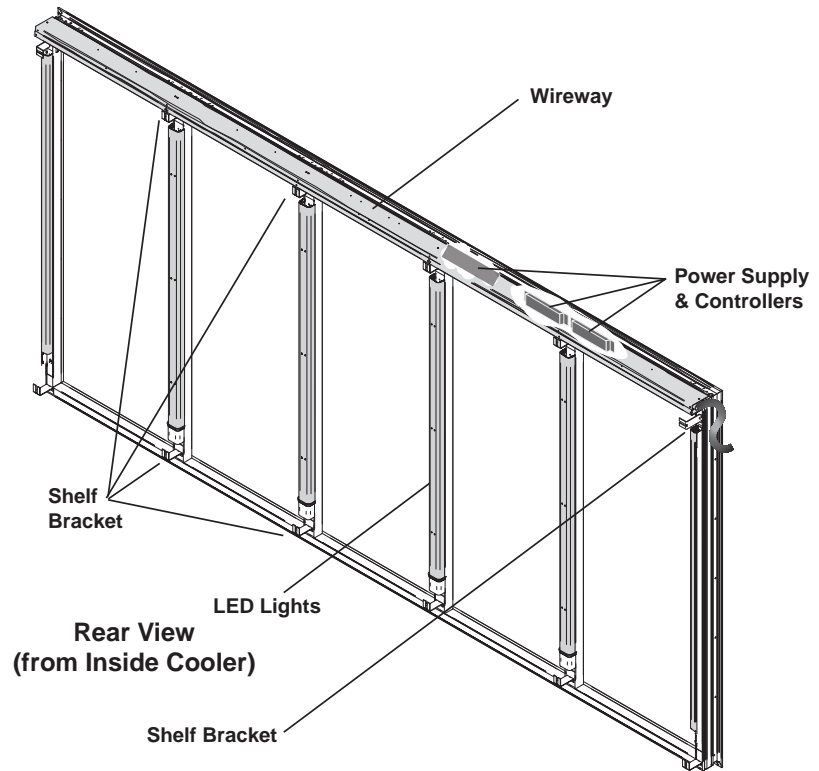
**THREE-FRAME ASSEMBLY**



IL—75

IM—75

Innovator Door and Frame



**Description**

LED Power Supply

Bracket End Frame

Bracket Mullion LED

LED Lamps (Replace with like fixtures, sizes and light temperatures shown below.)

Door—Innovator, Medium Temperature, Black, LH

Door—Innovator, Medium Temperature, Black, RH

Door—Innovator, Medium Temperature, Gray, LH

Door—Innovator, Medium Temperature, Gray, RH

Door—Innovator, Low Temperature, Black, LH

Door—Innovator, Low Temperature, Black, RH

Door—Innovator, Low Temperature, Gray, LH

Door—Innovator, Low Temperature, Gray, RH

Handle, Black

Handle, Gray

Screw-Handle

Gasket, Magnetic, Black

Gasket, Magnetic, Gray

Torsion Rod Assembly, Bottom, LH

Torsion Rod Assembly, Bottom, RH

Pin, Top Hinge

Spring, Hinge Pin Coil

Shoulder Screw, Hold-open, Black

Shoulder Screw, Hold-open, Gray

Molding, End

Molding, Joint

Binder Post & Screw

Wireway Cover

DASH Rivet

DASH Controller

DASH Sensor

DASH Cable

Dimmer Controller

Dimmer Sensor

Dimmer Cable

Dimmer Mounting Bracket

*Contact your Hussmann supplier, Hussmann service organization or Hussmann representative to obtain replacement parts. To find your nearest Hussmann location, go to: <http://www.hussmann.com/en/Pages/Locations.aspx>*



**CAUTION**








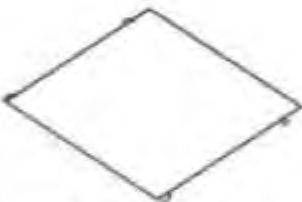
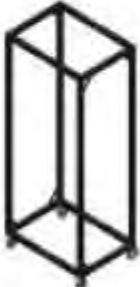
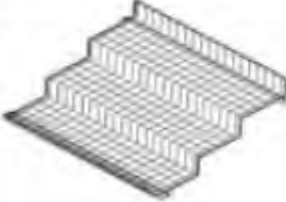



**Excessive ambient conditions may cause condensation and therefore sweating of doors. Facility operators should monitor doors and floor conditions to ensure safety of persons.**

IL—75

IM—75

Innovator Door and Frame

### Shelving Accessory Identifier

 <p><b>Normal Duty Shelf</b> (loads of 100 – 150 lb)</p>	 <p><b>Drip Pan</b></p>	 <p><b>Front &amp; Side Guard</b></p>
 <p><b>Heavy Duty Shelf</b> (loads of 150 – 200 lb)</p>	 <p><b>Shelf Divider</b></p>	 <p><b>Post Spacer</b></p>
 <p><b>Variable Position Shelf</b> (loads up to 300 lb)</p>	 <p><b>Shelf Perimeter Guard</b></p>	 <p><b>Mobile Merchandiser</b></p>
 <p><b>Step Shelf</b></p>	 <p><b>Variable Position Perimeter Guard</b></p>	
 <p><b>Basket Shelf</b></p>	 <p><b>Post with Leveler Bracket</b></p>	

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

## IL—2475

### ELECTRICAL DATA

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

## IM—2475

### ELECTRICAL DATA

	1	2	3	4	5	1	2	3	4	5
	Door	Door	Door	Door	Door	Door	Door	Door	Door	Door
	Amperes					Watt				
Anti-sweat Heaters										
Doors	N A	N A	N A	N A	N A	N A	N A	N A	N A	N A
Frames	0.20	0.61	0.69	0.78	0.86	24	73	83	93	103
Vertical Lighting										
EcoShine II 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

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

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## **IL—3075**

### **ELECTRICAL DATA**

	1	2	3	4	5	1	2	3	4	5
	Door	Door	Door	Door	Door	Door	Door	Door	Door	Door
	<b>Amperes</b>					<b>Watt</b>				
Anti-sweat Heaters										
Doors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Frames	0.43	0.85	1.28	1.70	2.13	52	102	153	204	256
Vertical Lighting										
EcoShine II LED (120V)	0.18	0.32	0.46	0.60	0.73	21	38	55	72	88

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## **IM—3075**

### **ELECTRICAL DATA**

	1	2	3	4	5	1	2	3	4	5
	Door	Door	Door	Door	Door	Door	Door	Door	Door	Door
	<b>Amperes</b>					<b>Watt</b>				
Anti-sweat Heaters										
Doors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Frames	0.22	0.43	0.63	0.68	0.89	26	51	76	81	107
Vertical Lighting										
EcoShine II LED (120V)	0.18	0.32	0.46	0.60	0.73	21	38	55	72	88

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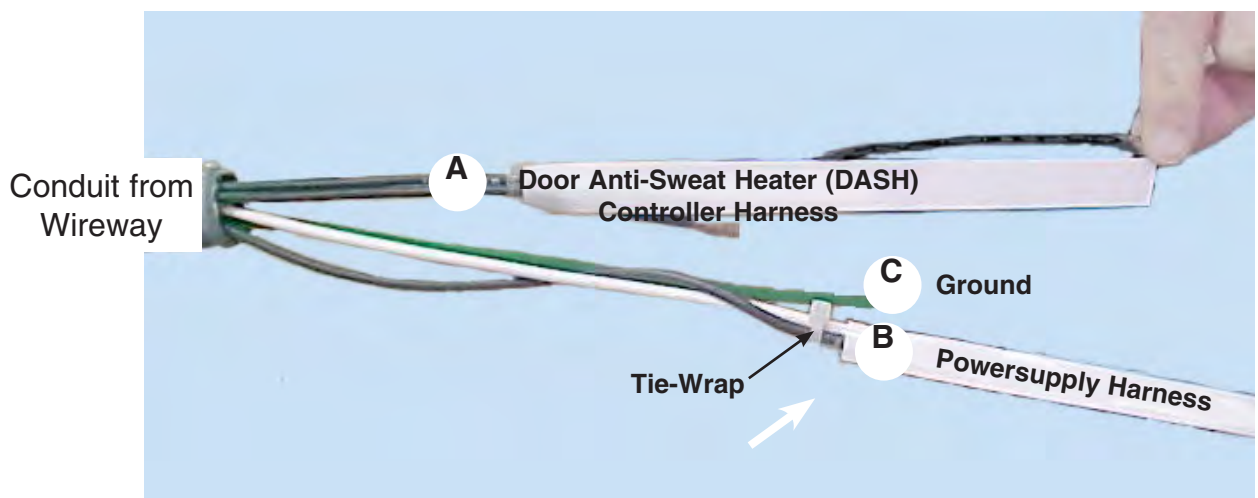


### Conduit from Wireway

Each frame has the following wires in flexible conduit:

- A. The *Dash 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 Tiewrap.
- C. The *Ground* wire is green.

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





# **HUSSMANN<sup>®</sup>**

**To obtain warranty information  
or other support, contact your  
Hussmann representative.  
Please include the model and  
serial number of the product.**

*Hussmann Corporation, Corporate Headquarters: Bridgeton, Missouri, U.S.A. 63044-2483 01 October 2012*