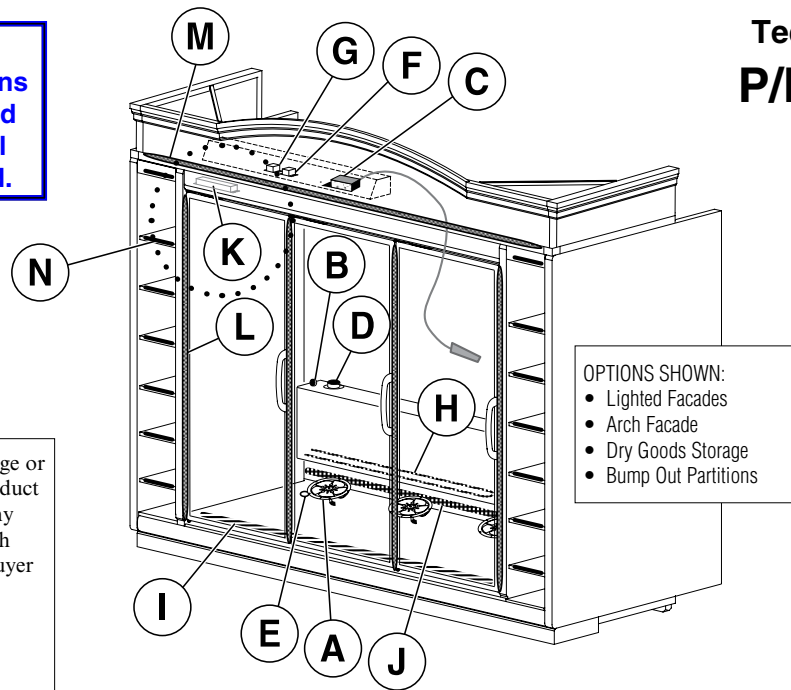


Refrigeration and electrical connections are on top. Overhead piping and electrical circuits are required.



We reserve the right to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.

- OPTIONS SHOWN:
- Lighted Facades
  - Arch Facade
  - Dry Goods Storage
  - Bump Out Partitions

**Warning:**  
Terminal block  
NOT for  
case-to-case  
wire  
connection!

Item	Part #	Description	Wiring Item #	Item	Part #	(Qty)	Description	Wiring Item #
<b>FAN ASSEMBLIES, AND THERMOSTATS</b>				<b>HEATERS (CONTINUED)</b>				
(A)	Fan Assembly		(1)	(J)	Koolgas Supplemental Heater – Plenum (120V)	(10)		
	0477658	Standard Energy Efficient Motor			0452980	(1)	2 Door Models	
	0315470	Fan Blade			0452981	(1)	3 Door Models	
(B)	0331798	Standard Non-adjustable Defrost Thermostat	(2)		0452982	(1)	4 Door Models	
(C)		Optional Adjustable Refrigeration Thermostat	(3)		0452983	(1)	5 Door Models	
(D)	0440423	Defrost Limit Thermostat	(4)	<b>LED FIXTURES AND POWER SUPPLY</b>				
(E)	0446007	Relay Control Thermostat or Fan and Anti-sweat Heater Thermostat	(5)	K.	0499399		LED Power Supply	(11)
<b>RELAYS</b>				L.			LED Fixture	(12)
(F)	0342598	Control Relay (120V KoolGas)	(6)	<i>Replace with like fixtures</i>				
(G)	0342599	Control Relay (208V)	(7)	M.	Facade Lamp, LED			(13)
<b>HEATERS</b>					050919200		2900K 29.5 In. Length	
(H)	Electric Defrost Heaters (208V)		(8)		050919300		2900K 30.5 In. Length	
	0461938	(1) 2 Door Models		N.	050919000		Dry Goods Lamp, LED 3500K	(14)
	0461939	(1) 3 Door Models			KLU9600		Shelf, Lighted, Pearwood	
	0461940	(1) 4 Door Models		<b>NOTE: For LED lighting parts contact your Hussmann service representative at 1-800-922-1919. Please have your model and serial number available. Descriptions including size and color are at <a href="http://WWW.HUSSMANN.COM/SERVICEANDPARTS">WWW.HUSSMANN.COM/SERVICEANDPARTS</a>.</b>				
(I)	Drain Pan Heater (Electric & Kool Gas) (120V)		(9)	<div style="border: 1px solid black; padding: 5px;"> <p><b>Refer to INNOVATOR REACH-IN GLASS DOOR INSTALLATION AND SERVICE MANUAL, P/N 0425683, for Innovator, Innovator II and Innovator III and frame replacement parts.</b></p> </div>				
	0508199	(1) 2 Door Models						
	0508200	(1) 3 Door Models						
	0508201	(1) 4 Door Models						
	0508202	(1) 5 Door Models						

Data sheet-LifeLine RLT

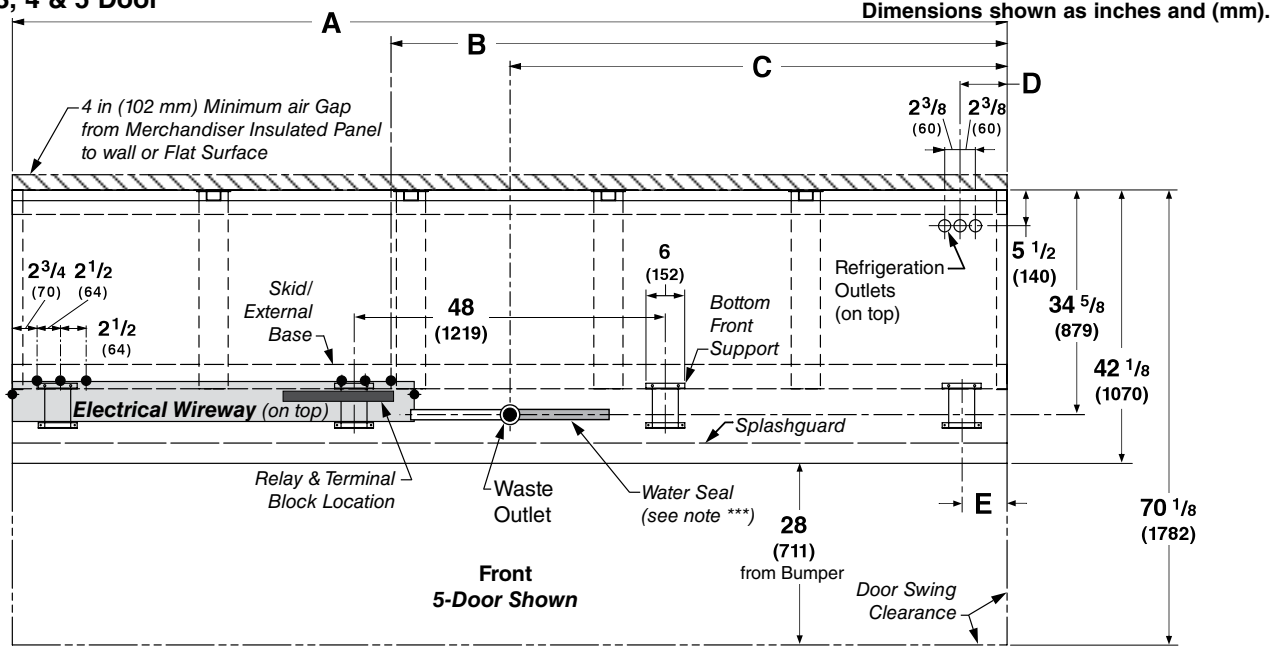
**NOTE:** Revision F adds NOTE on page 3 and removes dry good shelves dimensions. Other changes marked by bar, underline or circle.

# Engineering Plan Views

## LifeLine Premier RLT Plan View 02-2010

PHYSICAL DATA	
Merchandiser Drip Pipe (in.)	1 1/4
Merchandiser Liquid Line (in.)	3/8
Merchandiser Suction Line (in.)	7/8

Tall Reach-In  
2, 3, 4 & 5 Door

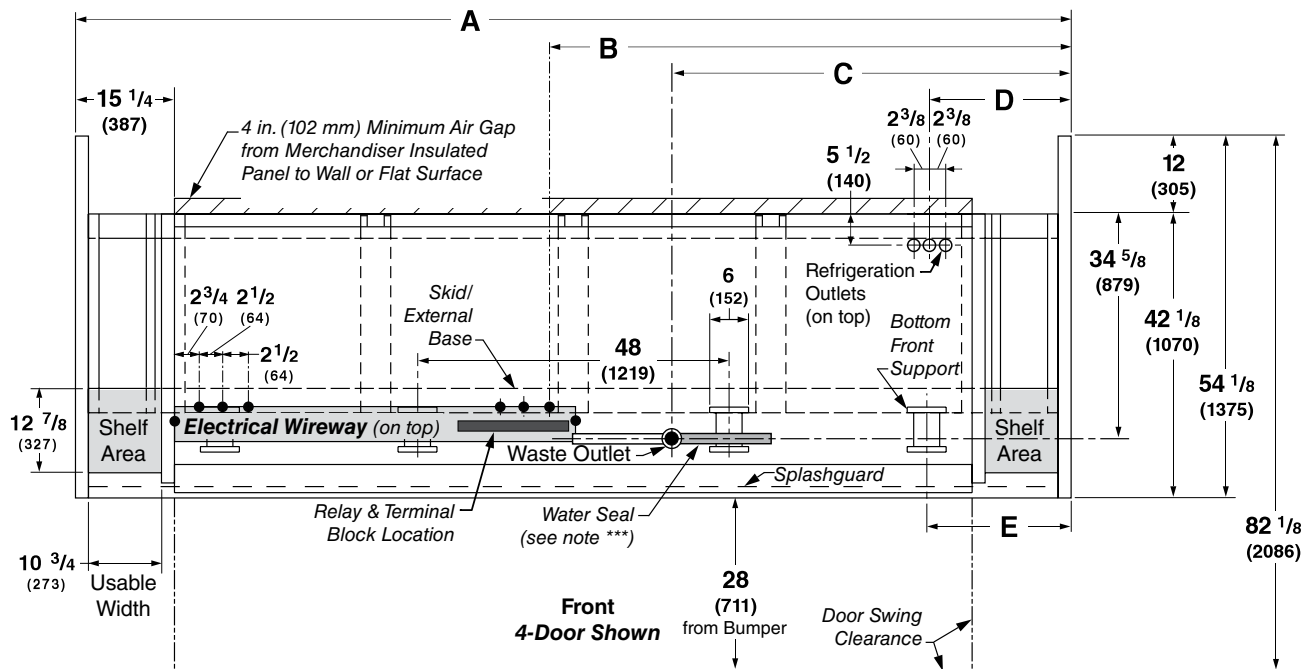


Base 5-door merchandiser is shown above, without Bump Out, Dry Goods sections, Partitions or Ends. Illustrated below is a 4-door merchandiser with Dry Goods cabinets and Bump Out end partitions. Refer to chart on Page 3 for detailed dimensional information on options.

## LifeLine Premier RLT – Dry Goods \ Bump Out Plan View





Dimensions shown as inches & (mm).

2,3 & 4 Door

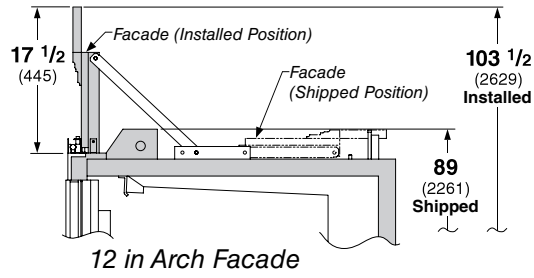
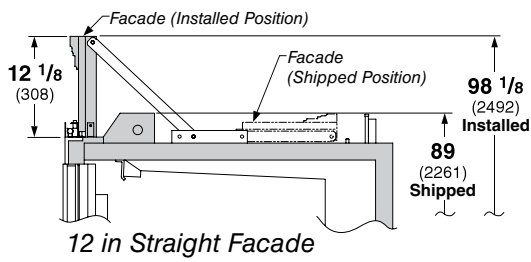


# Plan View Dimensions for LifeLine Premier Options

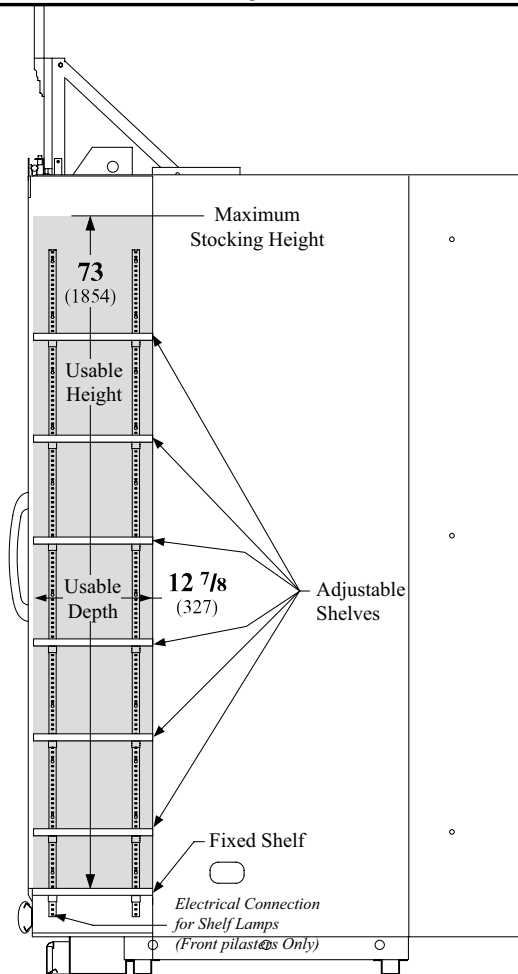
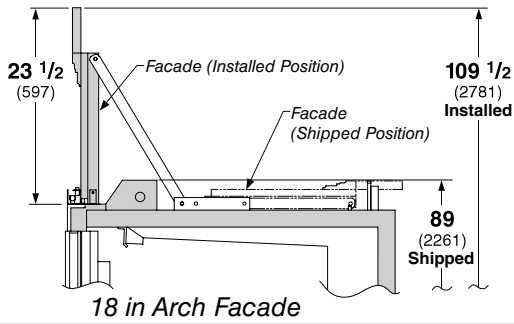
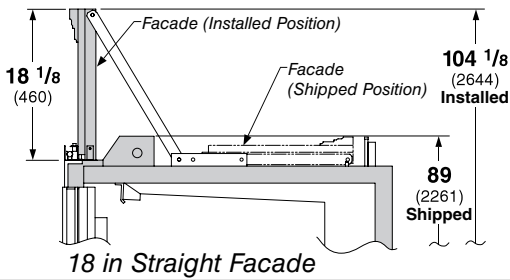
## LifeLine Premier **RLT** With Innovator Doors Low Temperature

Abbreviations: <b>DG</b> = Dry Goods section <b>BO</b> = Bump Out				
<b>General</b>	<b>2 Dr</b>	<b>3 Dr</b>	<b>4 Dr</b>	<b>5 Dr</b>
(A) Merchandiser Length	62 (1575)	92 1/2 (2350)	122 7/8 (3121)	153 3/8 (3896)
**NOTE: Each solid end adds approximately 2 3/8 in (60 mm) to length of line up; each partition add approximately 2 3/4 in (70 mm); case to case joints can add approximately 1/8 in (3 mm) for gasket material.				
(A) Merchandiser Length <b>BO</b> includes 2 bump-out ends	66 (1676)	96 1/2 (2451)	126 7/8 (3222)	157 3/8 (3997)
(A) Merchandiser Length <b>DG</b> includes 4 ends and dry goods cabinets	92 1/2 (2350)	123 (3124)	153 3/8 (3896)	NA
Maximum O/S dimension of merchandiser back to front *	42 1/8 (1070)	42 1/8 (1070)	42 1/8 (1070)	42 1/8 (1070)
Maximum O/S dimension of merchandiser back to front <b>BO</b> * †	54 1/8 (1375)	54 1/8 (1375)	54 1/8 (1375)	54 1/8 (1375)
* Includes bumper. Add 26 1/2 in. (673 mm) for door swing.				
† Merchandiser dimension plus 12 inch bump out				
Interior width of dry goods cabinet	10 3/4 (273)	10 3/4 (273)	10 3/4 (273)	NA
Interior depth of dry goods cabinet	12 7/8 (327)	12 7/8 (327)	12 7/8 (327)	NA
Back of merchandiser to front of splashguard	39 (991)	39 (991)	39 (991)	39 (991)
Back of merchandiser to front of splashguard <b>BO</b>	51 (1295)	51 (1295)	51 (1295)	51 (1295)
Width of Skid rail	3 3/4 (95)	3 3/4 (95)	3 3/4 (95)	3 3/4 (95)
Width of Bottom Front Support	6 (152)	6 (152)	6 (152)	6 (152)
Stub-up area between front support and splashguard	7 1/8 (181)	7 1/8 (181)	7 1/8 (181)	7 1/8 (181)
				
<b>Electrical Service</b>				
(B) RH end of merchandiser to the center of nearest knockout	2 3/4 (70)	33 1/4 (845)	63 5/8 (1616)	94 1/8 (2391)
(B) RH end of merchandiser to the center of nearest knockout <b>BO</b>	4 3/4 (121)	35 1/4 (895)	65 5/8 (1667)	96 1/8 (2442)
(B) RH end of merchandiser to the center of nearest knockout <b>DG</b>	18 (457)	48 1/2 (1232)	78 7/8 (2003)	NA
RH end of merchandiser to the center of LH knockout	59 1/4 (1505)	89 3/4 (2280)	120 1/8 (3051)	150 5/8 (3826)
Back O/S of merchandiser to center of knockout	31 5/8 (803)	31 5/8 (803)	31 5/8 (803)	31 5/8 (803)
Back O/S of merchandiser to center of knockout <b>BO</b> †	43 5/8 (1108)	43 5/8 (1108)	43 5/8 (1108)	43 5/8 (1108)
Wireway Length	62 (1575)	62 (1575)	62 (1575)	62 (1575)
** NOTE: Electrical Field Wiring Connection Point is at terminal.				
				
<b>Waste Outlet</b>				
(C) Right end of merchandiser to center of waste outlet	23 7/8 (606)	54 1/4 (1378)	46 1/4 (1175)	76 5/8 (1946)
(C) Right end of merchandiser to center of waste outlet <b>BO</b>	25 7/8 (657)	56 1/4 (1429)	48 1/4 (1226)	78 5/8 (1997)
(C) Right end of merchandiser to center of waste outlet <b>DG</b>	39 1/8 (994)	69 1/2 (1765)	61 1/2 (1562)	NA
Back O/S of merchandiser to center of waste outlet	34 5/8 (879)	34 5/8 (879)	34 5/8 (879)	34 5/8 (879)
Back O/S of merchandiser to center of waste outlet <b>BO</b> †	46 5/8 (1184)	46 5/8 (1184)	46 5/8 (1184)	46 5/8 (1184)
				
<b>Water Seal</b>				
Edge of water seal to center of waste outlet	13 (330)	13 (330)	13 (330)	13 (330)
Schedule 40 PVC drip pipe	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)
*** NOTE: Field installed water seal outlets, tees, and connectors are shipped with merchandiser.				
				
<b>Refrigeration Outlet</b>				
(D) RH end of merchandiser to center of middle RH refrigeration outlet	7 1/4 (184)	7 1/4 (184)	7 1/4 (184)	7 1/4 (184)
(D) RH end of merchandiser to center of middle RH refrigeration outlet <b>BO</b>	9 1/4 (235)	9 1/4 (235)	9 1/4 (235)	9 1/4 (235)
(D) RH end of merchandiser to center of middle RH refrigeration outlet <b>DG</b>	22 1/2 (572)	22 1/2 (572)	22 1/2 (572)	NA
Back O/S of merchandiser to center of refrigeration outlets	5 1/2 (140)	5 1/2 (140)	5 1/2 (140)	5 1/2 (140)
Back O/S of merchandiser to center of refrigeration outlets <b>BO</b> †	17 1/2 (445)	17 1/2 (445)	17 1/2 (445)	17 1/2 (445)
(E) Outside bottom front supports from end of merchandiser	7 (178)	7 (178)	7 (178)	7 (178)
(E) Outside bottom front supports from end of merchandiser <b>BO</b>	9 (229)	9 (229)	9 (229)	9 (229)
(E) Outside bottom front supports from end of merchandiser <b>DG</b> ††	26 1/2 (673)	26 3/4 (679) RH 37 1/2 (952) LH	26 1/4 (667)	NA
Center bottom front support from Centerline	24 (610)	24 (610)	24 (610)	24 (610)
Center bottom front support from Centerline <b>BO</b>	24 (610)	24 (610)	24 (610)	24 (610)
Center bottom front support from Centerline <b>DG</b> ††	6 3/4 (171) LH	8 3/4 (222) RH	24 (610)	NA
†† Distance between Center and Outside supports will vary				

**LifeLine Premier RLT**  
 With Innovator Doors  
 Low Temperature



**Facade Options in Cross Section**



**Dry Goods Cross-Section**



**Std End and Bump Out End Profiles**

**LifeLine Premier RLT**  
With Innovator Doors  
Low Temperature

Refrigeration and electrical connections are on top.  
Overhead piping and electrical circuits are required.

**REFRIGERATION DATA**

Note: This data is based on store temperature and humidity that does not exceed 75°F and 55% R.H.

	FF	IC
Discharge Air (°F)	-5	-12
Evaporator (°F)	-11	-19
Unit Sizing (°F)	-14	-22

*Btu/hr/Door\**

INNOVATOR	FF	IC
Parallel	1105	1295
Conventional	1130	1320

**DEFROST DATA**

	FF	IC
Frequency (hr)	24	24
Defrost Water (lb/Dr/day)	1.2	1.3

(± 15% based on merchandiser configuration and product loading.)

*ELECTRIC*

	FF	IC
Temp Term (°F)	54°	54°
Failsafe (minutes)	48	48

*GAS*

Duration (minutes)	22	22
--------------------	----	----

*OFFTIME* Not Recommended

**CONVENTIONAL CONTROLS**

**Low Pressure Backup Control**

	FF	IC
CI/CO (Temp °F)*	-18°/-34°	-26°/-45°

**Indoor Unit Only, Pressure Defrost**

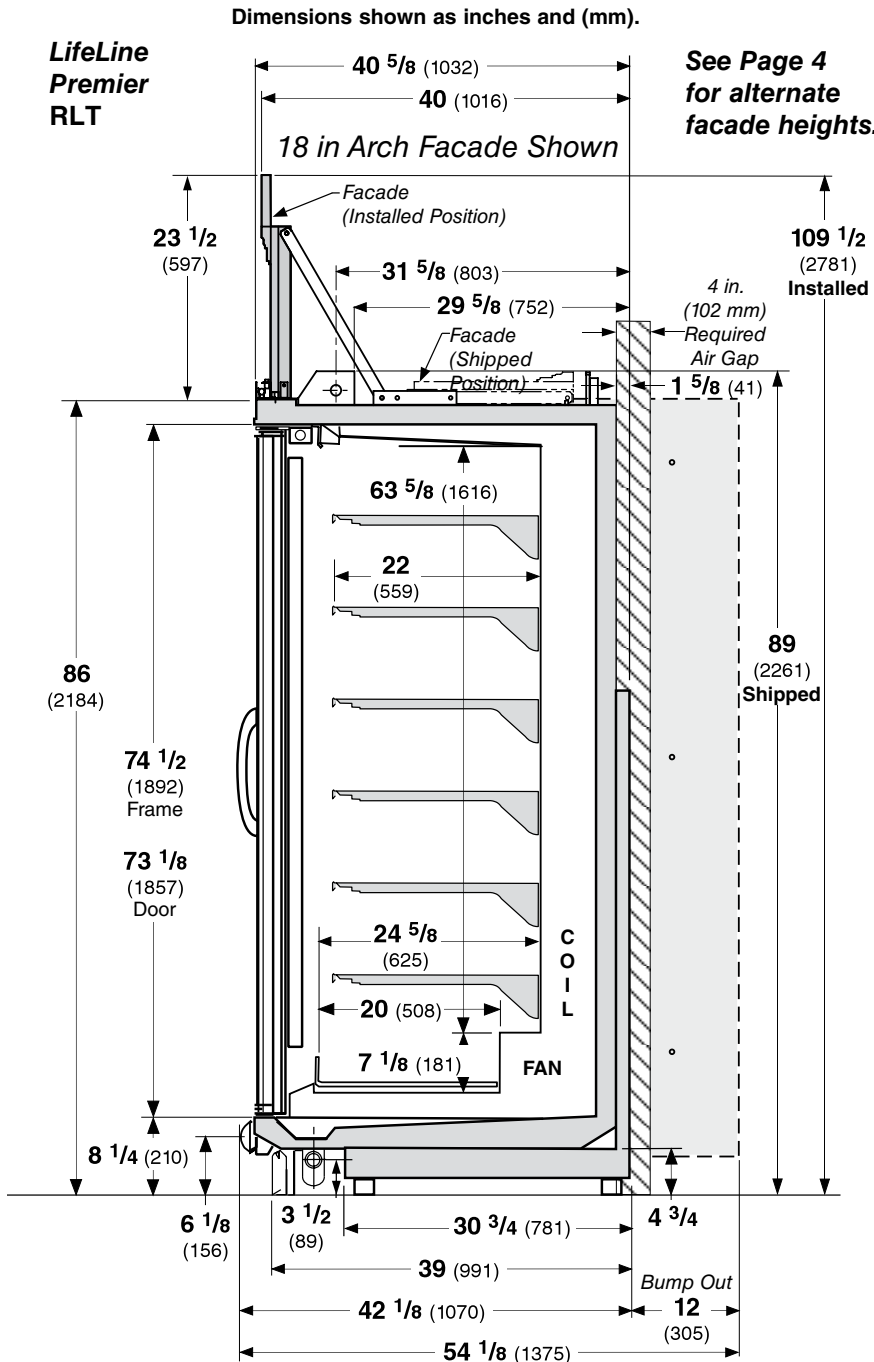
**Termination (Temp °F)\***  
Not Recommended

\*Use a Temperature Pressure Chart to determine PSIG conversions.

**Estimated Charge \*\*\***

<b>2 Dr</b>	2.3 lb	37 oz	1.0 kg
<b>3 Dr</b>	3.2 lb	51 oz	1.4 kg
<b>4 Dr</b>	4.1 lb	66 oz	1.8 kg
<b>5 Dr</b>	5.1 lb	82 oz	2.3 kg

\*\*\*This is an average for all refrigerant types. Actual refrigerant charge may vary by approximately half a pound.



See Page 4 for alternate facade heights.

**NSF® Certification**

This merchandiser model is manufactured to meet NSF/ANSI (National Sanitation Foundation) Standard #7 requirements for construction, materials & cleanability.

# LifeLine Premier RLT

With Innovator Doors  
Low Temperature

**Hussmann recommends against frame heater cycling with *Innovator* doors to prevent door seals from freezing to the frames and tearing.**

## Electrical Data

Number of Fans	2Dr	3Dr	4Dr	5Dr	Watts			
	2	3	4	5	2Dr	3Dr	4Dr	5Dr
<b>Energy Efficient Evaporator Fan</b>								
120V 50/60Hz Innovator	1.65	2.5	3.3	4.1	125	188	250	313
220V 50/60Hz Export Innovator	0.9	1.4	1.8	2.3	125	188	250	313
<b>Door Anti-sweat Heaters (on fan circuit)</b>								
120V 50/60Hz Innovator	1.1	1.7	2.2	2.8	184	200	267	334
220V 50/60Hz Export Innovator	0.7	1.1	1.5	1.8	153	230	306	382
<b>Frame Anti-sweat Heaters (on fan circuit)</b>								
120V 50/60Hz Innovator	0.96	1.43	1.92	2.4	115	172	230	288
220V 50/60Hz Export Innovator	0.5	0.8	1.1	1.3	115	172	230	288
<b>Minimum Circuit Ampacity</b>								
120V 50/60Hz Innovator Electric Defrost	5.7	7.2	9.3	11.6				
120V 50/60Hz Innovator Koolgas Defrost	5.5	8.7	11.7	14.8				
220V 50/60Hz Exp Innovator Electric Defrost	3.2	4.2	5.5	6.8				
220V 50/60Hz Exp. Innovator Koolgas Defrost	3.8	6.0	8.1	10.1				
Maximum Over Current Protection 120V	20	20	20	20				
Maximum Over Current Protection 220V	20	20	20	20				
<b>Defrost</b>								
Drain Heaters (Kool-Gas or Electric)								
120V 50/60Hz Standard	2.5	2.6	3.1	3.5	297	317	366	419
220V 50/60Hz Export	1.35	1.44	1.66	1.9	297	317	366	419
Kool-Gas Supplemental Heaters								
120V 50/60Hzz Standard	2.3	3.8	5.2	6.6	276	456	624	790
220V 550/60Hz Export	1.8	2.9	3.9	5.0	404	633	861	1090
Electric Defrost Heater								
208V 50/60Hzz Standard	7.7	11.5	15.4	19.2	1600	2400	3200	4000
220V 50/60Hz Export	7.0	10.4	13.9	17.4	1600	2400	3200	4000

ONLY LIGHTING CONFIGURATIONS THAT ARE COMPLIANT WITH THE U.S. DEPT. OF ENERGY (DOE) 2012 REGULATION ARE AVAILABLE FOR SALE FOR USE IN THE U.S.A.

Standard Vertical LED Lighting 4100K	2Dr	3Dr	4Dr	5Dr	2Dr	3Dr	4Dr	5Dr
Hussmann EcoShine II™ [22 W] (120V)	0.36	0.54	0.72	0.90	43	65	86	108
Hussmann EcoShine II™ [22 W] (220V Export)	0.20	0.29	0.39	0.49	43	65	86	108
<b>Optional Vertical LED Lighting</b>								
EcoShine II Plus [24 W] (120V)	0.36	0.52	0.68	0.84	43	62	81	100
EcoShine II Plus [24 W] (220V) Export	0.18	0.26	0.34	0.42	43	62	81	100
Facade LED Lamps	0.79	1.17	1.54	1.92	19	28	37	46
Dry Goods LED Lamps (both sides, 10 per side)	1.50	1.50	1.50	NA*	36	36	36	NA*

\* Dry Goods sections are not available on 5-Door models.

**Product Data (Refrigerated Area Only)**

<i>Recommended Usable Cube</i> <sup>1</sup> (Cu Ft/Dr)	24.95 ft <sup>3</sup> /Dr (0.71 m <sup>3</sup> /Dr)
<i>AHRI Total Display Area</i> <sup>2</sup> (Sq Ft/Dr)	13.59 ft <sup>2</sup> /Dr (1.26 m <sup>2</sup> /Dr)
<i>Shelf Area</i> <sup>3</sup> (Sq Ft/Dr)	32.38 ft <sup>2</sup> /Dr (3.01 m <sup>2</sup> /Dr)

<sup>1</sup> AHRI Refrigerated Volume less shelving and other unusable space: Refrigerated Volume/Unit of Length, ft<sup>3</sup>/ft [m<sup>3</sup>/m]

<sup>2</sup> Computed using AHRI 1200 standard methodology: Total Display Area, ft<sup>2</sup> [m<sup>2</sup>]/Unit of Length, ft [m]

<sup>3</sup> Shelf surface area is composed of bottom deck plus standard shelf complement, as shown in the Hussmann *Product Reference Guide*. The standard shelf complement for this model is (6) rows of 22-inch shelves.

**Product Data (Dry Goods Area Only)**

*TOTAL Gross Usable Cube (Volume for 2 DG per merchandiser)* 11.69 ft<sup>3</sup> / (0.33 m<sup>3</sup>)

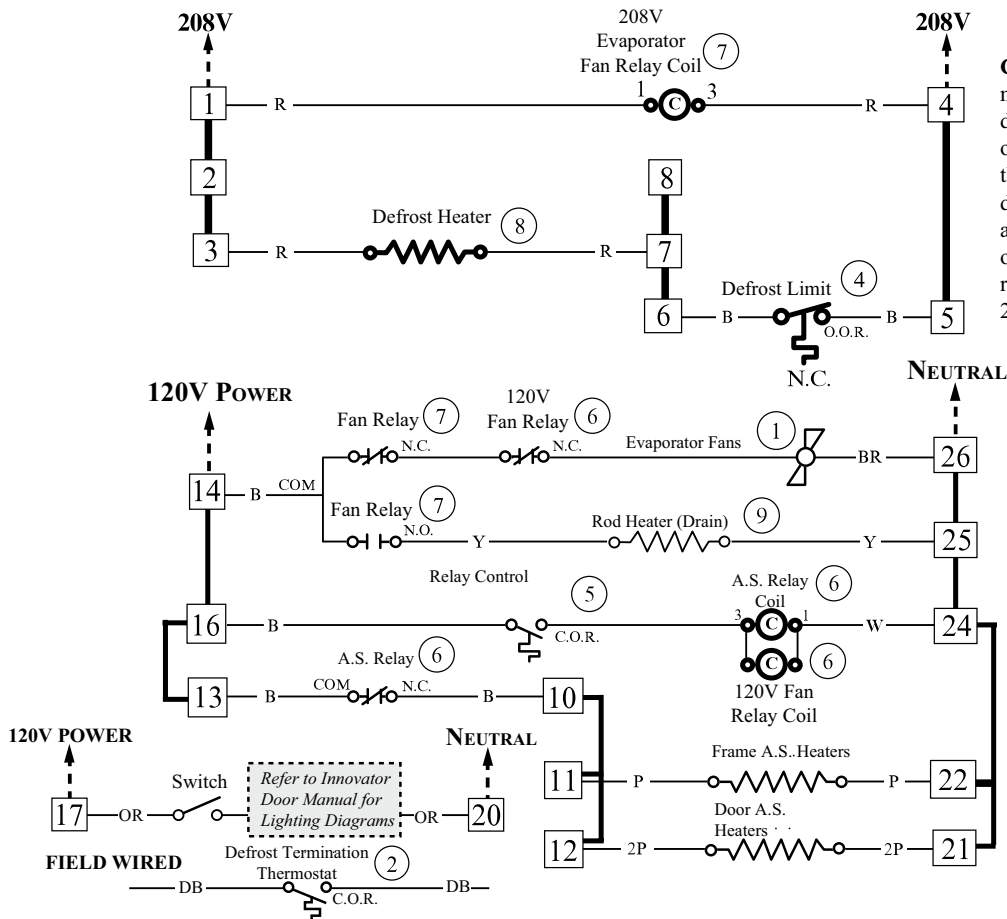
ESTIMATED SHIPPING WEIGHT <sup>4</sup>					
	2 Dr	3 Dr	4 Dr	5 Dr	Solid End (each)
<b>Standard LifeLine Premier Merchandiser (12-Inch Facade, no Arch)</b>					
<b>lb (kg)</b>	1057 (479)	1385 (628)	1715 (778)	2024 (918)	85 (39)
<b>Standard LifeLine Premier Merchandiser (18-Inch Facade, no Arch)</b>					
<b>lb (kg)</b>	1067 (484)	1400 (635)	1735 (787)	2049 (929)	80 (36)
<b>LifeLine Premier Merchandiser with Two (2) Bump Out Partitions (12-Inch Facade, no Arch)</b>					
<b>lb (kg)</b>	1236 (561)	1564 (709)	1894 (859)	2203 (999)	N/A
<b>LifeLine Premier Merchandiser with Two (2) Bump Out Partitions (18-Inch Facade, no Arch)</b>					
<b>lb (kg)</b>	1259 (571)	1592 (722)	1927 (874)	2241 (1017)	N/A
<b>LifeLine Premier Merchandiser with Two (2) Dry Goods Sections, Two (2) Partitions (12-Inch Facade, no Arch)</b>					
<b>lb (kg)</b>	1537 (697)	1865 (846)	2195 (996)	NA	NA
<b>LifeLine Premier Merchandiser with Two (2) Dry Goods Sections, Two (2) Partitions (18-Inch Facade, no Arch)</b>					
<b>lb (kg)</b>	1567 (711)	1900 (862)	2235 (1014)	NA	NA
<b>LifeLine Premier Merchandiser with Two (2) Bump Out Partitions, Two (2) Dry Goods Sections, Two (2) Partitions (12-Inch Facade, no Arch)</b>					
<b>lb (kg)</b>	1576 (715)	1904 (864)	2234 (1013)	NA	N/A
<b>LifeLine Premier Merchandiser with Two (2) Bump Out Partitions, Two (2) Dry Goods Sections, Two (2) Partitions (18-Inch Facade, no Arch)</b>					
<b>lb (kg)</b>	1609 (730)	1942 (881)	2277 (1033)	NA	N/A
Add 10 lb (5 kg) for Arch					
<sup>4</sup> Actual weights will vary according to optional kits included.					

# Fan and Heater Circuits - Electric Defrost (standard)

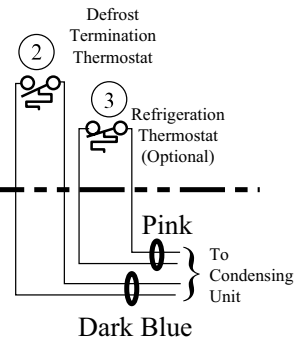
## Low Temperature

CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS  
 R = Red P = Purple 2P = Purple (2 Bands) DB = Dark Blue BK = Black  
 LB = Light Blue Pink = Pink BR = Brown Y = Yellow OR = Orange W = White  
**THESE ARE MARKER COLORS (WIRE MAY VARY.)**

**CAUTION:** When multiplexing merchandisers equipped with defrost heaters, if branch circuit overcurrent protection is larger than the individual merchandiser's defrost circuit load, the additional supplemental overcurrent protection may be required per NEC Articles 210 and 240.

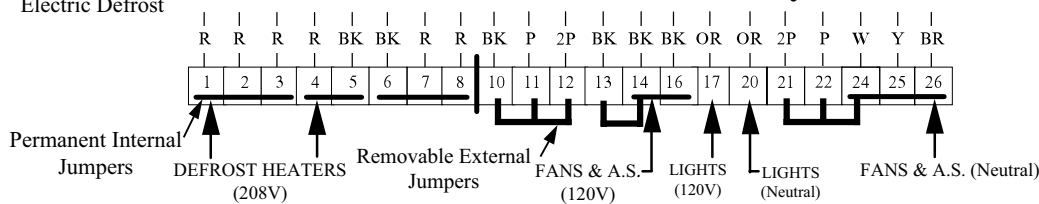


Refer to *Innovator Reach-In Glass Door, Installation and Service manual*, P/N 0425683, for *Innovator* door and frame replacement parts.



Low Temperature with Electric Defrost

### Terminal Blocks in Raceway



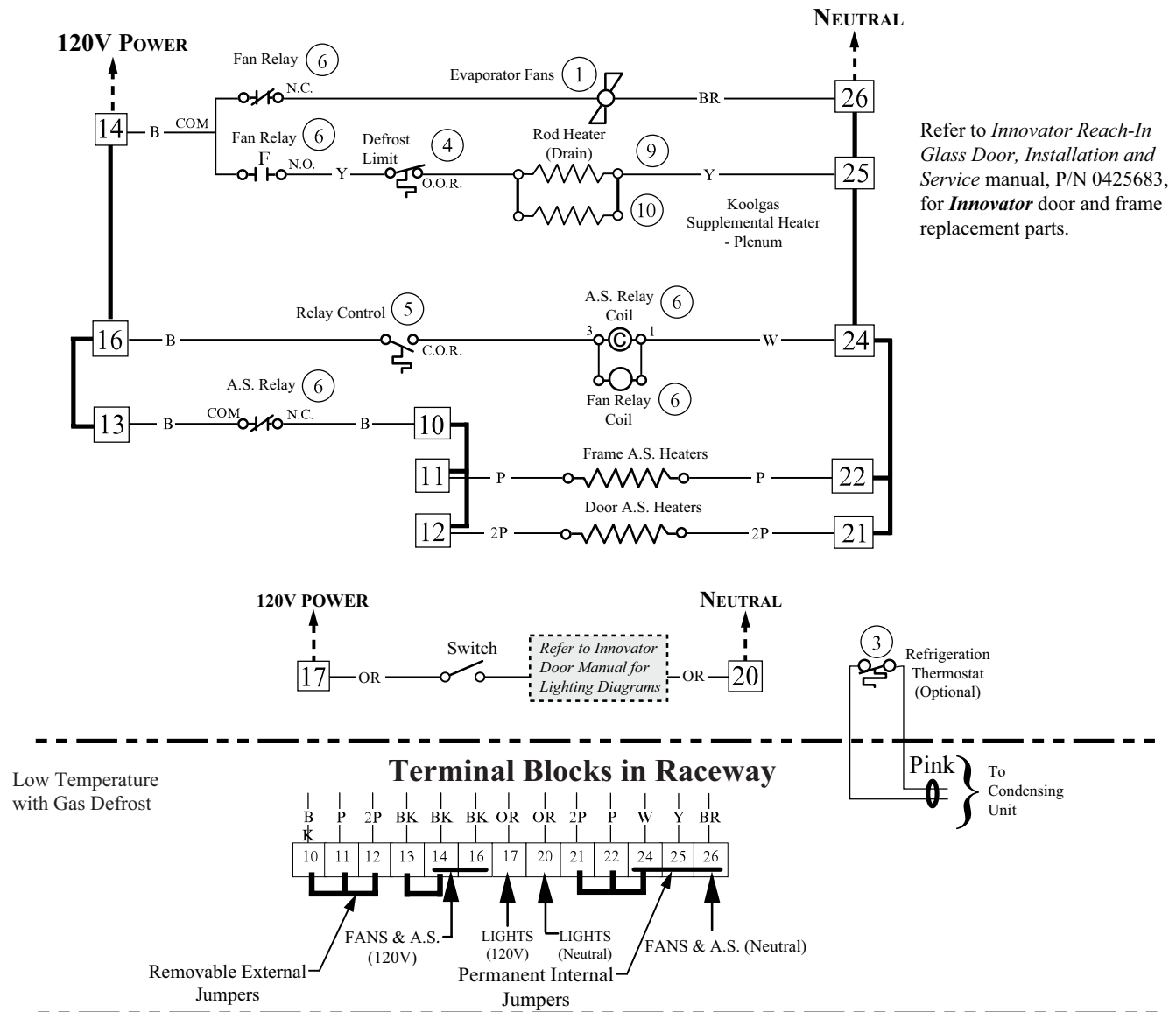
### Electric Defrost Sequence - Low Temperature

1. Power from the defrost contactor energizes Defrost Heaters and 208V Evaporator Fan Relay Coil (7). Relay Contacts open the fan circuit and energizes the Drain Pan Heater.
2. If the Defrost Heater raises internal air temperature above 90°F, the Defrost Limit Thermostat (4) will open.
3. Temperature rise of the evaporator closes the Relay Control Thermostat (5) at about 35°F, energizing the 120V A.S. and Fan Relay Coils (6). These relays' contacts open the Frame and Door Heater Circuits, and prevent the Fan Circuit from energizing upon defrost termination.
4. When Defrost Termination Thermostat ends defrost period, the defrost contactor opens the Defrost Heater and Evaporator Fan Relay Coil Circuits. The Drain Pan Heater goes off.
5. Temperature fall of the evaporator opens the Relay Control Thermostat (5) at about 20°F, de-energizing the A.S. and Fan Relay Coils (6). A.S. Relay Contacts close the Frame and Door Heater Circuits, and Fan Circuit.



# Fan and Heater Circuits – Gas Defrost (optional) Low Temperature

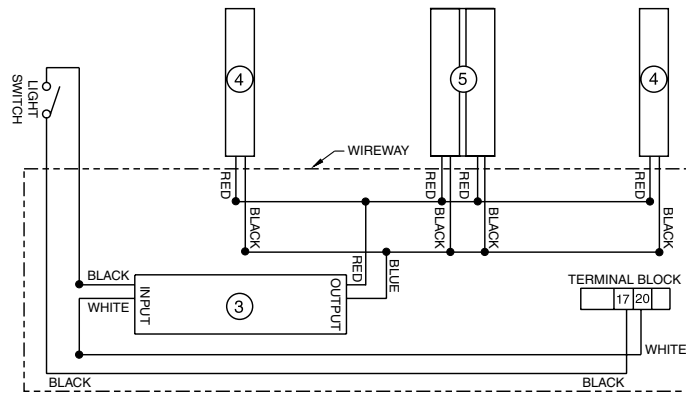
CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS  
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 LB = Light Blue Pink = Pink BR = Brown Y = Yellow OR = Orange W = White  
**THESE ARE MARKER COLORS (WIRE MAY VARY.)**



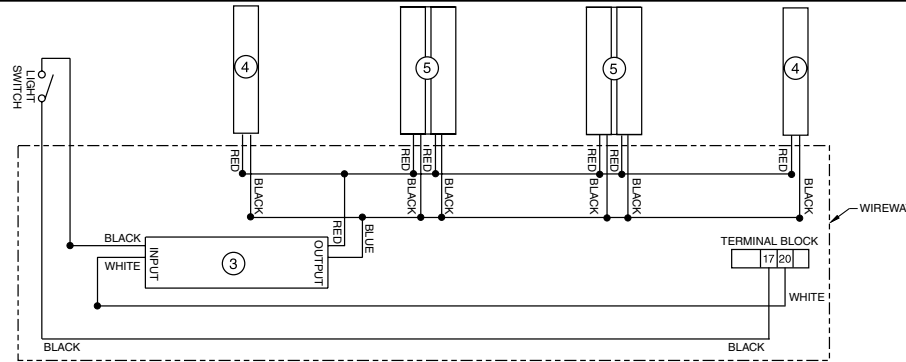
## Gas Defrost Sequence - Low Temperature

1. Defrost vapor enters evaporator causing a rise in temperature. At about 35°F the Relay Control Thermostat (5) closes the Fan Relay Coil (6) and A.S. Relay Coil (6) circuit. The Relay opens the Fan, Door Heater, and Frame Heater circuits, while energizing the Drain Pan, Bottom, and Plenum Heaters (9), (11) and (10).
2. If the Drain Pan Heater (9) raises internal air temperature above 90°F, the Heater Limit Thermostat (4) will open.
3. When the defrost timer ends a defrost period, the evaporator temperature will start to fall. At about 20°F, the Relay Control Thermostat will open, de-energizing the A.S. Relay Coil (6) and Fan Relay Coil (6). The A.S. and Fan Relays will open the Drain Pan Heater circuits, and will close the Fan, Door Heater, and Frame Heater circuits.

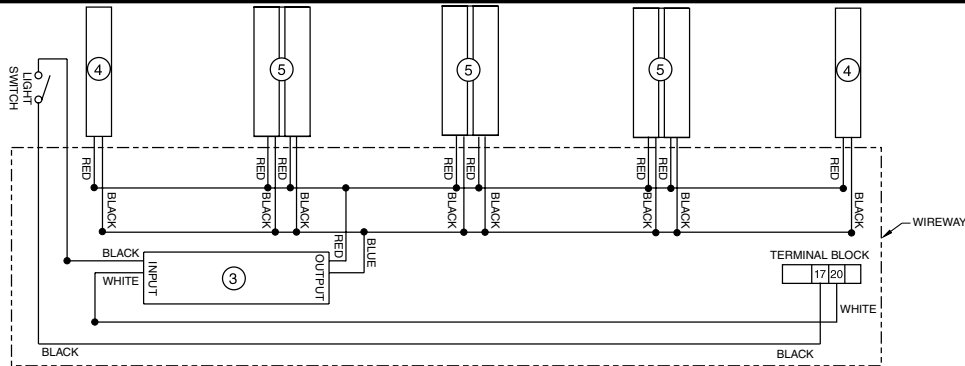
**Standard  
Vertical  
Lighting  
Husmann  
EcoShine™  
LED  
Fixtures**



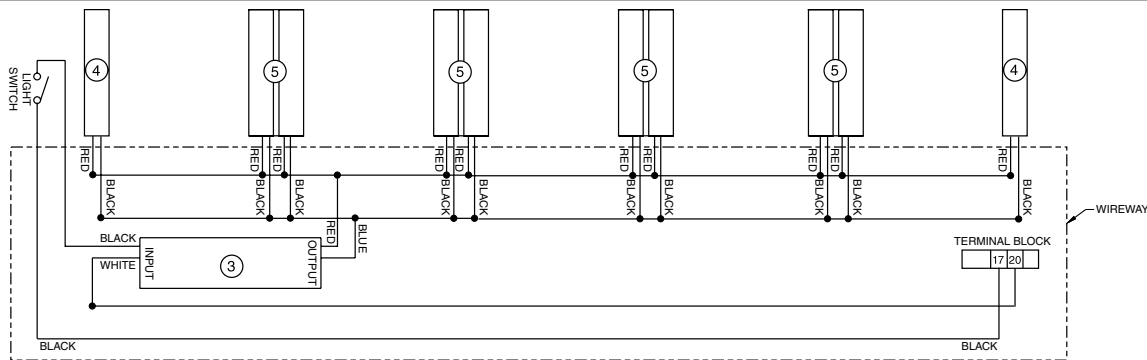
**2 DOOR LED LIGHT WIRING DIAGRAM**



**3 DOOR LED LIGHT WIRING DIAGRAM**



**4 DOOR LED LIGHT WIRING DIAGRAM**



**5 DOOR LED LIGHT WIRING DIAGRAM**

**WARNING**

All components must have mechanical ground, and the merchandiser must be grounded.

Circled numbers = Parts List Item Numbers

R = Red    Y = Yellow    G = Green    BL = Blue    BK = Black    W = White

● = 120V Power    ○ = 120V Neutral    ⊥ = Field Ground    ≡ = Case Ground

**LifeLine Premier RLT**  
 With Innovator Doors  
 Low Temperature

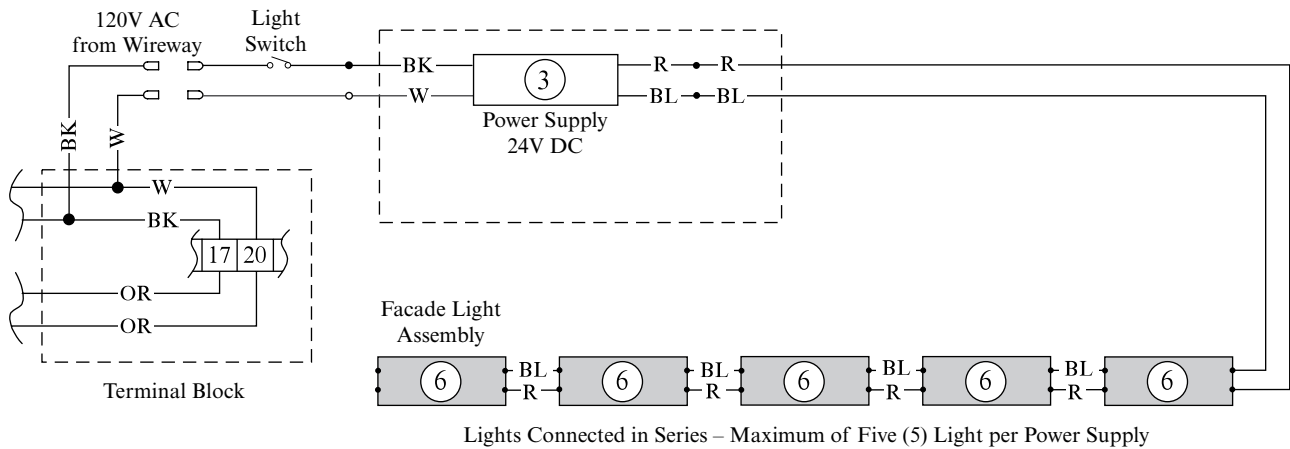
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**Optional Lighting Circuits**

CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS  
 R = Red P = Purple 2P = Purple (2 Bands)  
 DB = Dark Blue BK = Black BL = Blue  
 BR = Brown Y = Yellow OR = Orange W = White

**THESE ARE MARKER COLORS (WIRE MAY VARY.)**

**Optional External Facade LED Wiring**



**WARNING**

All components must have mechanical ground, and the merchandiser must be grounded.

● = 120V Power    ○ = 120V Neutral    ⊥ = Field Ground    ≡ = Case Ground

# LifeLine Premier RLT

With Innovator Doors  
Low Temperature

## Optional Lighting Circuits

CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS

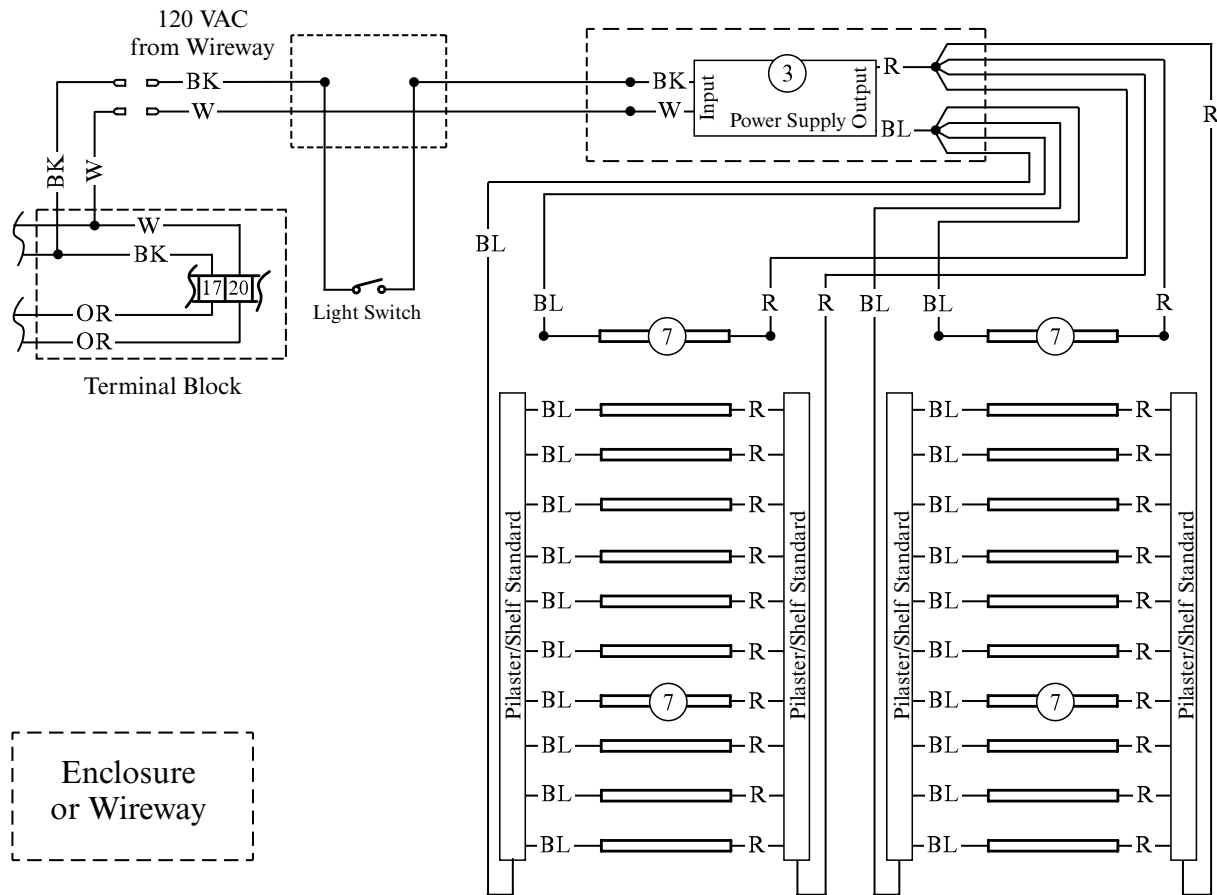
R = Red P = Purple 2P = Purple (2 Bands)

DB = Dark Blue BK = Black BL = Blue

BR = Brown Y = Yellow OR = Orange W = White

**THESE ARE MARKER COLORS (WIRE MAY VARY).**

### Optional External Dry Goods LED Wiring



Shelf Lamps (up to 10 per end)

### WARNING

All components must have mechanical ground, and the merchandiser must be grounded.

● = 120V Power

○ = 120V Neutral

⊥ = Field Ground

⏏ = Case Ground