

# IMPULSE SERIES

## Refrigerated Display Cases

### FEATURES & BENEFITS

**Refrigeration System:** Holds desired product temperature and seals in freshness to extend product life. RSC refrigeration options include both remote outdoor condensing systems and top-mount self contained systems. Depending on the model, remote options are available with hermetic, scroll, or energy saving inverter scroll compressors. Due to the overall combined height of the RSC plus condenser, self-contained condensing systems must be installed once the showcase has been placed on location.

**Energy Reducing Auto Defrost:** Controller will adapt to environmental conditions and perform auto defrost cycles when necessary. A typical showcase is programmed to defrost every 2 to 4 hours resulting in 6 to 12 cycles per day. The RSC performs two timed defrosts per day and then the auto defrost operates only when required which significantly improves product temperature control and reduces energy consumption.

**Monitoring Capabilities:** The RSC controller uses MODBUS communication protocol allowing for on-line monitoring and set-point adjustments to be made from a central location using an EMS system.

#### Read / Monitor

- Ambient temperature
- Evap coil temperature
- Evap air out temperature
- Evap outlet temperature
- Evap outlet pressure
- Defrost cycle

#### Adjust

- Temperature set point  
(within limits)

**Shelf Configurations (7 - 14):** Increase product capacity with multiple shelf configurations. The RSC3 & 4 come with 7 adjustable glass shelves and the RSC6 comes with 14 (7 per side). Top 5 shelves can be tilted. Metal shelves and peg rack options available.

**LED Lighting:** LED lighting creates an attractive selling environment while reducing energy and maintenance costs.

**Product Display:** Extended depth and low deck allow for increased storage and product capacity. Low deck creates optimum display space for gallon jugs, milk, juice & 12 or 24 packs of beverages.

**Whisper Quiet Operation:** Evaporator fans and air flow operate at less than 65dB at 4ft so your customers will focus on the product selection and not the sound of the equipment.

**Joinable Design:** Allows for a wide variety of unit placement options. The RSC can be joined together with other RSC models to create multiple width configurations.

**Meets NSF Tier II Standards:** The RSC continues to perform at a higher ambient store temperature (80°F). Rest assured that the RSC will perform perfectly even on the warmest days.

### Energy Efficient Refrigerated Displays

#### RSC3\* & RSC4



#### RSC6



**NOTE:** Black/Black color standard. White/White color optional.

\*RSC3 shown with top-mount self contained condensing system. Self contained systems available for all models.

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## Refrigerated Display Cases

### RSC Case Line SPECIFICATIONS

Energy Efficient Refrigerated Display Case				
Model	RSC3	RSC4	RSC6	
<b>Product Temperature</b>	Maintain product temperature at or below 41°F			
<b>Environmental Conditions</b>	NSF/ANSI 7 Type II Standard maximum indoor 80°F, Relative Humidity 54%			
<b>External Dimensions</b>	<b>Width</b>	37.9"*	49.9"*	73.5"*
	<b>* Width - Joined Cases</b>	When joining multiple RSC models, subtract (1.35" times 2) for the two side panels not used between each joined display.		
	<b>Depth</b>	36.1"	36.1"	36.1"
	<b>Height</b>	75.6"	75.6"	75.6"
<b>Structure</b>	<b>Outer/Inner Box</b>	Powder coated steel / zinc coated steel		
	<b>Insulation</b>	Rigid Insulating Foam		
<b>Color</b>	Internal: Black, External: Black (Optional: White/White available)			
<b>Shelves</b>		7 shelves	7 shelves	14 shelves (7 per side)
		Adjustable powder coated steel frame, glass inserts standard (Optional: metal inserts)		
<b>Electrical Parts 115/60/1 (3 Amp)</b>	<b>Fan Motor</b>	ECM high efficiency		
	<b>Lighting</b>	LED		
	<b>Solenoid Valve</b>	Hermetic direct acting solenoid valve for refrigeration (24V DC)		
<b>Pipe Size of Connection Point</b>	<b>Liquid Line</b>	3/8" OD		
	<b>Suction Line</b>	5/8" OD		
<b>Refrigerant</b>	R404A,R448A,R407A			
<b>Evaporator</b>	Fin Tube Type			
<b>Expansion Valve</b>	External Equalized Automatic Thermal Expansion Valve			
<b>Controller</b>	Digital programmable controller with Modbus communication protocol			
<b>Casters</b>	(4) 2" Casters			
<b>Drain Pipe Dimension</b>	1.5" NPT Male Connector			
<b>Thermometer</b>	Product Simulation Thermometer			
<b>Internal Volume</b>	20.73 ft <sup>3</sup>	27.75 ft <sup>3</sup>	41.46 ft <sup>3</sup>	
<b>Weight</b>	368 lb.	405 lb.	598 lb.	
<b>Noise</b>	Less than 65 dB at 4 ft.			
<b>Agency Approvals</b>	ETL File # 4007858 ANSI/UL 471, NSF/ANSI Std 7 Type II, CAN/CSA C22.2 No. 120, Ed:3			

NOTE: The manufacturer reserves the right to make product improvements and change specifications without notice.