



RIR1-2-SSB

Professional Series Roll-in Refrigerators



RIR1-2-SSB
3/13
Item # 13213



- Stainless steel interior and exterior
- Stainless steel ramp, stainless steel interior rack guides, and insulated stainless steel floor
- Cabinet will accept 72" tall rack (rack by others)
- Energy efficient thermostatic expansion valve self contained refrigeration system
- EverCheck digital control system with audio alarms
- Entire cabinet is insulated with 2 3/8" foamed in place polyurethane
- Unique "ducted" air distribution system
- Self closing all stainless steel doors with locks
- Dual door frame heaters with energy saving on/off switch
- All metal torsion spring hinge design with stay open feature
- Exclusive "stepped" door design to protect recessed door gasket
- Flush mount door handles
- Field reversible doors (with accessory kit)
- Epoxy coated evaporator coil
- Hinged upper front panel for easy access to controller
- Removable, cleanable refrigeration system air filter
- Energy efficient automatic hot gas condensate evaporator
- Three years parts and labor warranty
- Five year compressor warranty

Dimensions / Capacity

Model #	One Section RIR1-SSB	Two Section RIR2-SSB
Interior Storage Capacity (CF)	37.7 ft ³	77.73 ft ³
Overall Width x Depth (cabinet only)	35" x 34.5"	68" x 34.5"
Height	90.6"	90.6"
Door Opening Width x Height	29.4" x 72.8"	29.4" x 72.8"
Depth with Door open at 90°	65"	65"
Rack Capacity	1	2
Maximum Rack Size (W x D x H)(Rack by others)	27" x 29" x 72"	27" x 29" x 72"
Crated Shipping Weight	500 lbs	825 lbs
Crated Height x Width x Depth	95.4" x 39" x 40.75"	95.4" x 72" x 40.75"

Electrical / Refrigeration Data

Model #	One Section RIR1-SSB	Two Section RIR2-SSB
Amperage	7.0	11.0
Energy Consumption (kwh/day)	5.5	8.30
Heat Rejection (BTU/Hr.)	1135	1717
Approx. Nominal Compres. BTU/HR(HP)	1490(1/5HP)	2700(1/2HP)

Hoshizaki America, Inc. reserves the right to change specifications without notice.

Item #

Project:

Qty:

*AutoCad available on KCL

RIR-SSB Dimensions W x D x H

1 Section - 35" x 38.5"* x 90.6"

2 Section - 68" x 38.5"* x 90.6"

*with 4" for ramp

Electrical/Refrigeration

Voltage - 115/60/1

HACR Breaker - 15.0

Electrical Connection - 5-15P
(NEMA)

Voltage Range 104 -126

Ambient Temp. Range 45° -100° F

Control Setpoint Range 36° -50° F

*Refrigerant R-404A

Warranty

Valid in United States, Canada, Puerto Rico, and U.S.Territories. Contact factory for warranty in other countries.

- **Three Year** - Parts & Labor on entire machine.
- **Five Year** - Parts on: Compressor.

Options

- Door reversal kit
- NAFEM Data Protocol connection
(Software by other vendors)



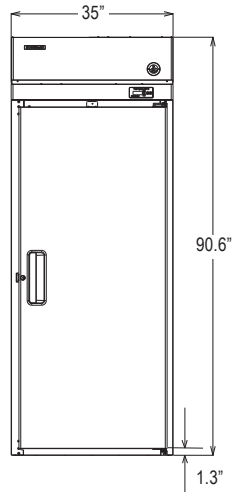
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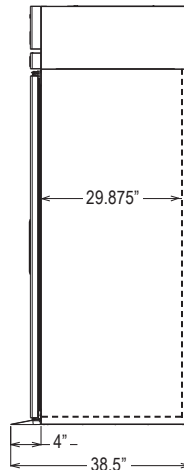


RIR1-2-SSB

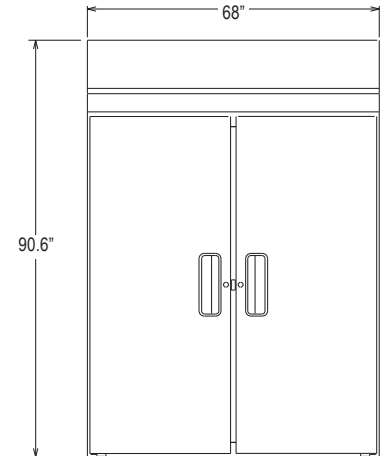
Professional Series Roll-In Refrigerators



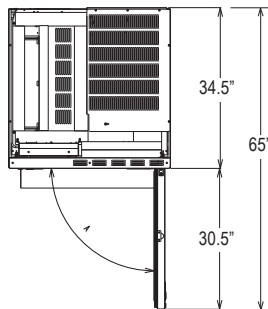
**RIR1-SSB
FRONT VIEW**



SIDE VIEW



**RIR2-SSB
FRONT VIEW**



**RIR1-SSB
PLAN VIEW**



**RIR2-SSB
PLAN VIEW**

Cabinet Construction

The exterior cabinet front, sides, shrouds and hinged front panel are constructed of high quality stainless steel. The exterior back and bottom are made from galvanized steel. The cabinet interior walls and ceiling are stainless steel. The floor is stainless steel with coved corner construction. The "ducted" air flow system is also constructed of heavy gauge stainless steel. Heavy duty ABS thermal breaks are used to reduce heat transfer. The cabinet door perimeter heater provides condensation control in high humidity environments and is equipped with a back-up heater should the primary fail. A manual power switch allows for energy savings in low humidity conditions. Cabinet walls and doors are insulated with 2 3/8" of environmentally friendly R-134A, CFC free foamed in place polyurethane. The interior light is automatically activated when doors are opened. Stainless steel ramp and stainless steel interior rack guides allow rack to roll easily onto insulated floor.

Door Construction

Doors are constructed of high grade stainless steel inside and out and are standard with locks. Hoshizaki's exclusive "stepped" design protects the recessed door gasket as product is removed from the cabinet. Flush mount door handles maximize aisle space by eliminating protruding parts. The door hinges are all metal and include an adjustable torsion spring closure that will not wear out like traditional cam-lift hinges. Hinge plates are constructed of eight (8) gauge stainless steel and include a welded hinge pin. Doors stay open at 105° and are self-closing at 75°. Snap-in magnetic door gaskets and heavy duty wiper gaskets are durable and easily removed for cleaning. Door hinging is field reversible (with an optional door reversal hinge kit).

Refrigeration System

The high efficiency self contained refrigeration system is designed with a large capacity condenser and evaporator resulting in lower overall energy costs. The refrigeration system components are mounted on a fully insulated roto-cast (ABS) housing that is removable from the main unit. All heat exchange takes place above and outside the food zone and allows for 100% utilization of the interior storage area. The ducted air distribution system achieves a uniform cabinet temperature eliminating "hot spots", even when fully loaded with product. The evaporator coil is epoxy coated for extended life. Stainless steel refrigerant tubing is used as the hot gas condensate evaporator. A thermostatic expansion valve controls the flow of R-404A refrigerant. A removable, cleanable air filter protects the condenser coil and helps reduce cleaning requirements of the refrigeration system. 115 volt units are equipped with an eight foot cord and plug (20.0 amps or less).

The EverCheck® Digital Control System monitors the operation and performance of the refrigeration system and is standard on all Professional Series units. The EverCheck® includes solid state controls to maintain optimum cabinet temperature, and monitor high and low temperatures, high pressure, high and low voltage, clean filter, door open and evaporator temperature functions. It also provides audio and visual alarms to alert the operator to possible problems. An LED display shows the cabinet temperature and is adjustable to Fahrenheit or Celsius. The EverCheck® control system is NAFEM Data Protocol ready and requires optional hardware for implementation (monitoring software by others).

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