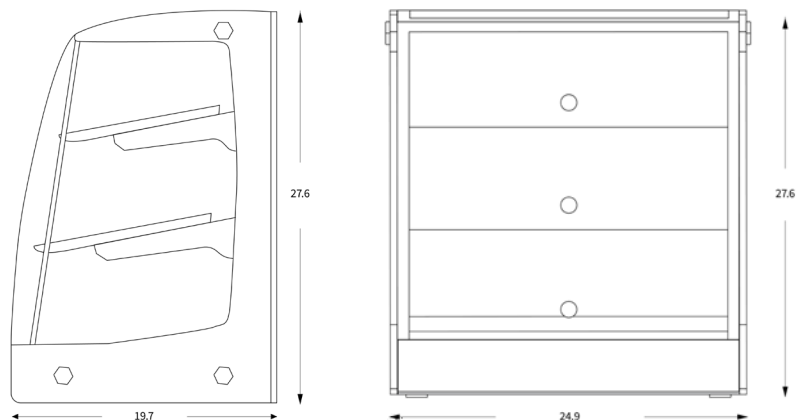# Mini Hot Food Displays
## Impulse Series

HFDM

## Concise and Compact

The compact Mini Hot Food Display provides 3 selling surfaces with over 4 cubic feet of product space, with 4 heating zones that can be individually adjusted to suit the various products held. With lift up front doors, the Mini is perfect for self serve applications.

| Model | HFDM | | |
| --- | --- | --- | --- |
| Approx. Internal Volume | 4.1 ft³ (116 liters) | | |
| Overall Unit | Height | 27.6 inches (700 mm) | |
| | Width | 24.9 inches (632 mm) | |
| | Depth | 19.7 inches (500 mm) | |
| Weight | 122 lbs. (55 kg) | | |
| Temp. Controlled Hot Plates | (4) 141W | | |
| Lamps (Heating & Illumination) | (3) 40W Xenon | | |
| Controller (Adjustable Temp.) | 4 temperature controls, 100°F-255°F | | |
| Timers | 12 Timers, programmable for 30min-4 hr (in 30 min increments) | | |
| Dual Circulation Fans | Standard | | |
| Doors | (3) Polycarbonate | | |
| Power | 115VAC 60Hz | | |
| Amp Rating | 6.0 Amps | | |
| Accessories | Standard | (4) Removable Wire Racks | |
| | Optional | 4 inch Leg Kit | |

NOTE: The manufacturer reserves the right to make product improvements and change specifications without notice.
*Models not released for sale pending final development.

# Hot Food Combo Serve Display
## Impulse Series


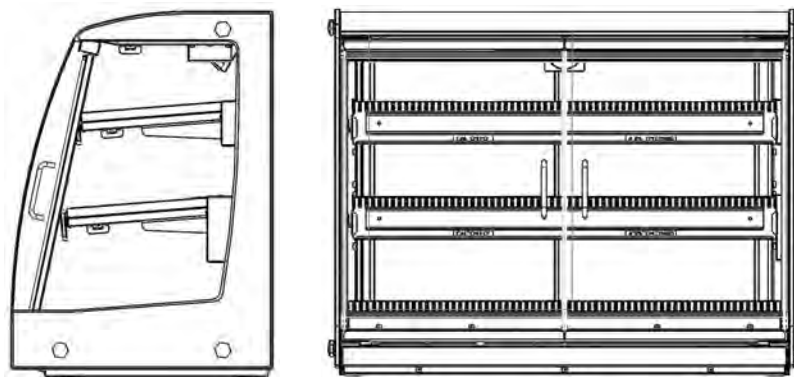


*HFDC*

## Enhanced Performance

The new Hot Food Display and Combo Serve models provide single-wide stainless steel shelves for more storage. No center shelf post, allows for easy clean up. New powerful heaters allow a faster heat-up (185 watts vs. 141 watts),  with six heating zones that can be individually adjusted to the various products. The Combo Serve HFDC's swing open front doors and sliding back doors make it perfect for self-serve and employee fill from the back. The HFDC model maintains the same side and front door appearance and size, so that these units will look good side-by-side with existing units. Warm LED lights make the food stand out for increased sales.

| Model | HFDC | | |
|---|---|---|---|
| Approx. Internal Volume | 6 ft$^3$ (170 liters) | | |
| Overall Unit | Height | 27.6 inches (700 mm) | |
| | Width | 35.3 inches (896 mm) | |
| | Depth | 19.7 inches (500 mm) | |
| Weight | 160 lbs (73 kg) | | |
| Approximate Rack/Shelf area in$^2$ (One shelf per area) | Upper 1 x 380 | | |
| | Middle 1 x 380 | | |
| | Bottom 1 x 510 | | |
| Temp. Controlled Hot Plates | 6 zones, 185 W each | | |
| Lamps (Illumination) | (3) LED | | |
| Controller (Adjustable Temp.) | 6 temperature controls, 100°F-270°F | | |
| Timers | 12 Timers, programmable for 30min-4 hr (in 30 min increments) | | |
| Dual Circulation Fans | Standard | | |
| Glass | ANSI Standard Z97.1 Tempered | | |
| Doors | 2 sliding rear, 2 front swing open/self-closing | | |
| Power | 115VAC 60Hz | | |
| Amp Rating | 10.0 Amps | | |
| Included Accessories | Stainless Steel Racks | | |
| Optional Accessories | 4 inch Leg Kit POP Holders Kit | | |

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



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# High Capacity Hot Food Displays  Impulse Series
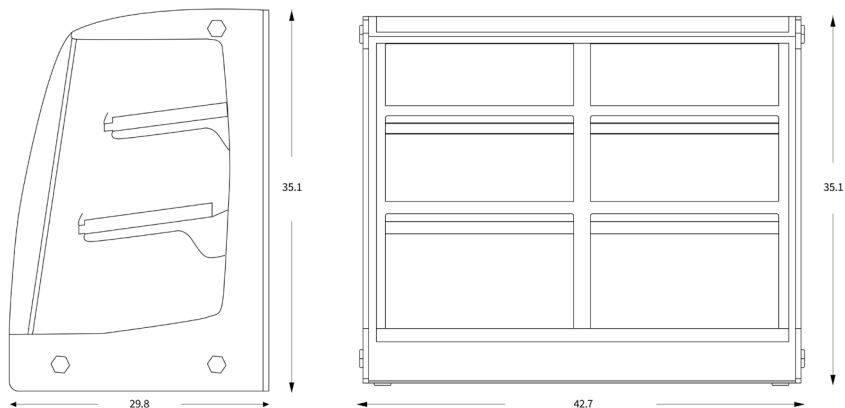


## Serving Looks

Not only are the HFDHC and HFDH lines capable of holding high volume, they are also fully customizable to suit your needs. Two adjustable shelves can be arranged to fit full, half, or bun size pans. Fit three wide or two full size pans lengthwise across all selling surfaces. Six heating zones can be individually adjusted to each product for optimal heating and freshness.

The HFDHC features swing open front and sliding back doors, making the case perfect for rear or front load self serve applications. The HFDHC Combo-Serve can be purchased with the controller mounted in the front or rear. This display is designed for holding wrapped or boxed food.

The HFDH has two sliding rear doors only for crew serve and fill, designed for holding unwrapped or wrapped food.


HFDH


HFDHC

| Model | HFDH | HFDHC |
|---|---|---|
| Overall Unit — Height | 35.1 inches (891.54 mm) | |
| Overall Unit — Width | 42.7 inches (1084.58 mm) | |
| Overall Unit — Depth | 29.8 inches at base (756.92 mm) | |
| Approx. Internal Volume | 14 ft$^3$ | |
| Weight | 276 lbs. (125 kg) | |
| Temp. Controlled Hot Plates | (4) 200W (2) 300W | |
| Lamps (Heating & Illumination) | (6) 40W Xenon | |
| Controller (Adjustable Temp.) | Six temperature controls, 100°F-270°F | |
| Controller (Adjustable Temp.) | Rear Mount | Front  or Rear Mount |
| Timers | 12 Timers, programmable for 30 min-4 hr increments | |
| Amp Rating | 14.7 Amps | |
| Standard Accessories | None | (6) Removable Wire Racks |
| Standard Accessories | None | Removable Lexan Spaced Shelf Guards |
| Optional Accessories | 4" Leg Kit | |

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

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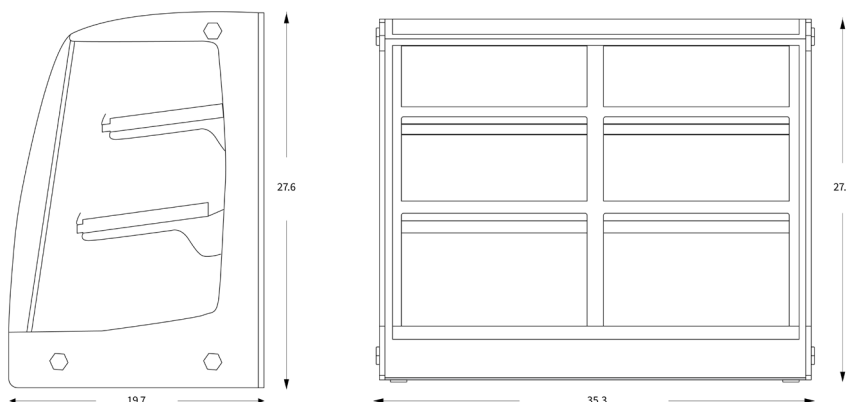
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# Ambient Displays
## Food Service Line

The Ambient Food Display Case features LED lights, three white shelves and over 6 cubic feet of product space. These well-lit displays have 360-degree product visibility, and built-in PoP rails for pricing and product identification. Swing open front doors and sliding back doors are perfect for full and/or self-serving. NSF Certified — quality and safety guaranteed.

| Model | AFDC |
|---|---|
| Model Number | AFDC36001 |
| Approx Internal Volume | 6 ft³ (170 liters) |
| Dimensions — Height | 27.6" (700mm) |
| Dimensions — Width | 35.3" (896mm) |
| Dimensions — Depth | 19.7" (500mm) |
| Approx Weight | 130 lbs (59 kg) |
| Shipping Weight | 150 lbs (68 kg) |
| Lamps | 3 LED |
| Doors | 2 sliding rear, 2 front swing open/self-closing |
| Glass | ANSI Standard Z97.1 Tempered |
| Power (Case Input) | 24VDC (110v adapter included) |
| Amp Rating | 1 amp |
| Optional Accessories | Double sided sign holder, Bag & tong holders, 4" leg kit |
| Sanitation Approval | NSF/ANSI 2 |

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

* Models not released for sale pending final development.

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# Hot Food Display Media Topper
## Impulse Series



*Hot Food Display Media Topper*



Provide your customers with an exceptional experience with the Hot Food Display Media Topper! Display still images or video content and audio directly to the customer at the point of sale.
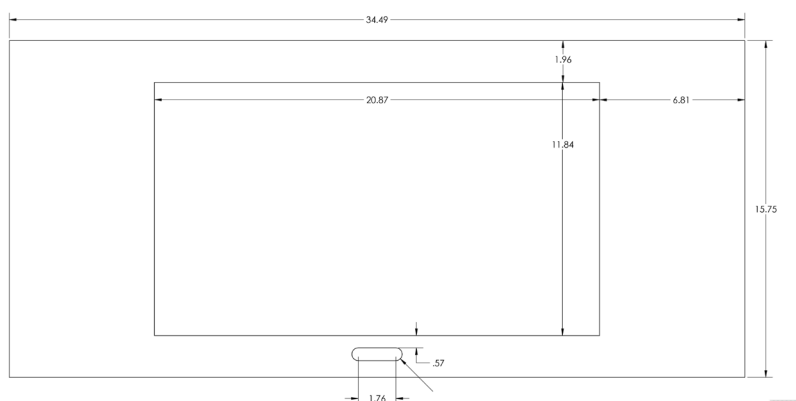
The HFD Media Topper features a 24" Full-HD Ultra HDMI Digital Media player for-MKV/RM- HDD USD Drives and SD Cards with remote control.

An additional area of the front face of upper housing decal bordering the video screen is available for application of a custom-designed decal (not included unless special arrangements are made subject to volume purchases).

Experience an upgraded ad program with the HFD Media Topper by promoting new products and offers, display menus, and sell advertisement space.

| Model | HFD Media Topper | | |
|---|---|---|---|
| Overall Size | Width | 35.8 in | |
| | Height | 45.7 in | |
| | Depth | 3.0 in | |
| Upper Housing Size | Width | 34.8 in | |
| | Height | 19.0 in | |
| | Depth | 3.0 in | |
| Monitor | 24" Television with HDMI input and remote control | | |
| Media Player | 1080p Full-HD Ultra HDMI Digital Media Player for -MKV/RM- HDD USD Drives and SD Cards with remote control | | |
| Input Power | 110V Power Strip | | |
| Weight | 25 lbs.approximately | | |

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



*Hot Food Display Media Topper*

# Open Hot Food Display Cases
## Impulse Series



HFOD24 Open Hot Food Display Case



HFOD36 Open Hot Food Display Case

## Open Options

With rounded side glass for 360° visibility of your products, the Open Display line has the same stylish appearance as the full line of SandenVendo Hot Food Displays.
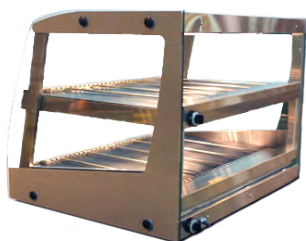
The HFOD models have the same height and side glass profile as our HFD, HFDC and HFDM. This allows for multiple models to be lined up side-by-side to serve both wrapped and unwrapped products.
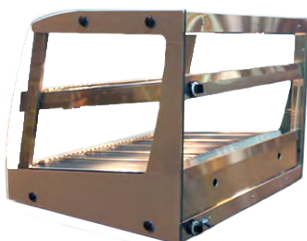
| Model | HFOD24 | HFOD30 | HFOD36 | HFOD42 | HFOD48 | HFOD54 | HFOD60 |
|---|---|---|---|---|---|---|---|
| **Overall Unit** Width | 27.5 in (698.5 mm) | 33.5 in (850.9 mm) | 39.5 in (1003.3 mm) | 45.5 in (1155.7 mm) | 51.5 in (1308.1 mm) | 57.5 in (1460.5 mm) | 63.5 in (1612.9 mm) |
| Depth | 31.5.inches (800.1 mm) | | | | | | |
| Height | 27.8 inches (706.12 mm) | | | | | | |
| **Hot Plate** Width | 24 in (609.6 mm) | 30 in (762 mm) | 36 in (914.4 mm) | 42 in (1066.8 mm) | 48 in (1219.2 mm) | 54 in (1371.6 mm) | 60 in (1524 mm) |
| Depth | 24 inches (609.6 mm) | | | | | | |
| Voltage | 208 - 240 | | | | | | |
| Watts | 1781 | 2242 | 2679 | 3121 | 3579 | 4018 | 4453 |
| Amps | 8.6 | 10.8 | 12.9 | 15.0 | 17.2 | 19.3 | 21.4 |
| Plug NEMA | L14-20 | | | | L14-30 | | |
| # of 40 Watt Xenon Lamp(s) | 2 | 4 | 4 | 4 | 6 | 6 | 6 |
| # of Divider Rods (Per Shelf) | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Weight | 159 lbs. (72.12 kg) | 170 lbs. (77.11 kg) | 181 lbs. (82.10 kg) | 192 lbs. (87.09 kg) | 203 lbs. (92.08 kg) | 214 lbs. (97.07 kg) | 225 lbs. (102.06 kg) |

NOTE: The manufacturer reserves the right to make product improvements and change specifications without notice.
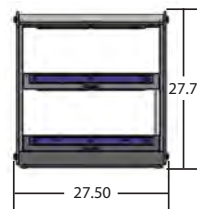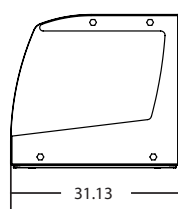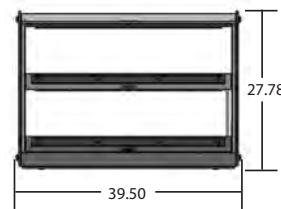
## Adjustable Shelves
(patent pending)



Flat Position

7° Tilted Positon



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HFOD24

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HFOD36



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### Options
- Polycarbonate Door Kits*
- Designer Color Kits for side decals, bottom front base and front of shelves*
  Standard Color: stainless steel

Optional Colors: black, red, silver, white or green
- Sneeze Guard 5" polycarbonate*

*Optionsunderdevelopment

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# Hot Food Open Topper
## Impulse Series



*Roller grill not included.

## Top of the Line

The Hot Food Open Topper is the first equipment solution that combines the power of the roller grill and a Grab and Go Display. When combining these two powerful impulse purchase equipment solutions, sales will increase by utilizing previously unused space.

With two sizes available for the Hot Food Open Topper, you'll be able to fit most common roller grills sold in the U.S.

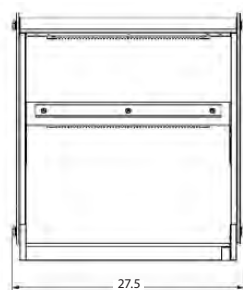The Topper features 360 degree product visibility, stylish design and Xenon lamps.

It's a great way to introduce new products and combine product offerings and promotions!

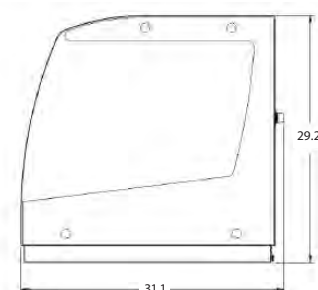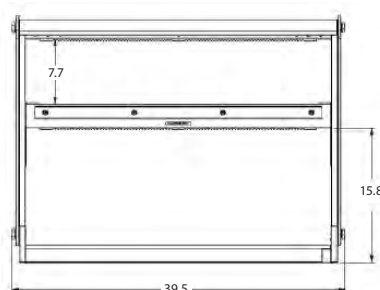| Model | HFOT24001 | HFOT24002 | HFOT36001 | HFOT36002 |
|---|---|---|---|---|
| **Overall Unit** Height | 29.2 inches (741.68 mm) | 33.2 inches (817.88 mm) | 29.2 inches (741.68 mm) | 33.2 inches (817.88 mm) |
| Width | 27.5 inches (698.5 mm) | | 39.5 inches (1003.3 mm) | |
| Depth | 31.2 inches (792.48 mm) | | | |
| **Internal Unit** Width | 24 inches (609.6 mm) | | 36 inches (914.4 mm) | |
| Depth | 24 inches (609.6 mm) | | | |
| Approx. Product Weight | 141 lbs. (63.96 kg) | | 166 lbs. (75.30 kg) | |
| Operation Voltage | 120v | | | |
| Watts* | 759 | | 1118 | |
| Amp Rating* | 6.3 Amps | | 9.3 Amps | |
| Plug NEMA | L5-15 | | | |
| Glass | ANSI Standard Z97.1 Tempered | | | |
| Safety Approvals | UL 197, CSA C2202 (Pending) | | | |
| Sanitation Approval | NSF/ANSI Standard 4 (Pending) | | | |
| Accessory | Bag & Tong Holder | | | |

* Watts/amps are preliminary pending UL evaluation.

NOTE: The manufacturer reserves the right to make product improvements and change specifications without notice.
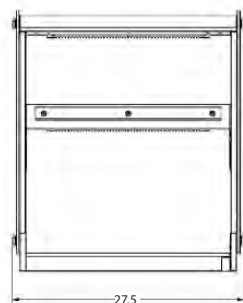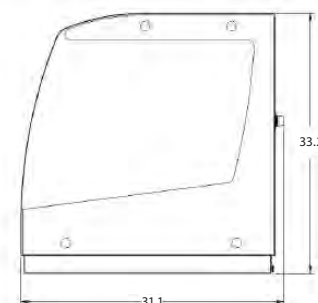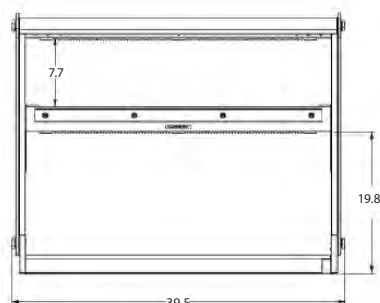
HFOT24001          HFOT36001



HFOT24002          HFOT36002



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# Refrigerated Display Cases
## Impulse Series



RSC6 Refrigerated Display Case



RSC4 Refrigerated
Display Case



RSC3 Refrigerated
Display Case

## Joinable Design

Quiet and energy efficient, the RSC models perform three timed defrosts per day and use MODBUS communication protocol to allow for online monitoring and set-point adjustments to be made from a central location using an EMS system.

Extended depth and a low deck allow for increased storage and product capacity, the modular design allows for any RSC model to be joinedwith each other to create multiple width configurations.
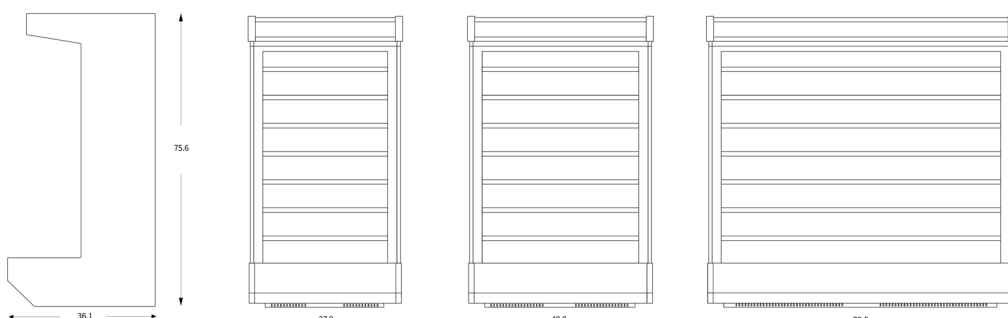
The RSC3 and RSC4 come with 7 adjustable glass shelves and the RSC6 come with 14 (7 per side). Top 5/10 shelves can be tilted, with metal shelves and peg rack options available.

Black/Black color standard. White/White color optional.

| Model | | RSC3 | RSC4 | RSC6 |
|---|---|---|---|---|
| Product Temperature | | Maintain product temperature at or below 41°F | | |
| Environmental Conditions | | NSF/ANSI 7 Type II Standard maximum indoor 80°F, Relative Humidity 54% | | |
| External Dimensions | Width | 37.9 inches | 49.9 inches | 73.5 inches |
| | *Width - Joined Cases | When joining multiple RSC models, subtract (1.35"×2) for the two side panels not used between each joined display. | | |
| | Depth | 36.1 inches | | |
| | Height | 75.6 inches | | |
| Structure | Outer/Inner Box | Powder coated steel/zinc coasted steel | | |
| | Insulation | Rigid Insulating Foam | | |
| Shelves | | 7 shelves | 7 shelves | 14 shelves (7 per side) |
| | | Adjustable powder coated steel frame, glass inserts standard (Optional: metal inserts) | | |
| Electrical Parts 115/60/1 (3 Amp) | Fan Motor | ECM high efficiency | | |
| | Lighting | LED (24 VDC) | | |
| | Solenoid Valve | Hermetic direct acting solenoid valve for refrigeration (24V DC) | | |
| Pipe Size of Connection Point | Liquid Line | 3/8 inch OD | | |
| | Suction Line | 5/8 inch OD | | |
| Refrigerant | | R404A, R448A, R407A | | |
| Evaporator | | Fin Tube Type | | |
| Expansion Valve | | External Equalized Automatic Thermal Expansion Valve | | |
| Controller | | Digital programmable controller with Modbus communication protocol | | |
| Casters | | (4) 2 inch Casters | | |
| Drain Pipe Dimension | | 1.5 inch NPT Male Connector | | |
| Thermometer | | NSF Certified | | |
| Internal Volume | | 20.73 ft$^3$ | 41.46 ft$^3$ | 41.46 ft$^3$ |
| Weight | | 368 llbs | 405 lbs | 598 lbs |
| Noise | | Less than 65 dB at 4 ft | | |
| Agency Approvals | | 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.
*Models not released for sale pending final development.



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# Refrigerated Display Cases
## Impulse Series



RSC6 Refrigerated Display Case

Showcase your wine selection with the sleek stainless steel RSC Line!

Quiet and energy reducing, the RSC models perform two timed defrosts per day and use MODBUS communication protocol to allow for online monitoring and set-point adjustments to be made from a central location using an EMS system. With an extended depth and low deck to allow for increased storage and product capacity, the joinable design allows for any RSC model to be placed with each other to create multiple width configurations.

The RSC3 and 4 come with three adjustable metal shelves plus the bottom panels for a total of four rows of merchandise storage/display. The RSC6 comes with six adjustable metal shelves plus the bottom panels for a total of four rows of merchandise storage/display.

| Model | RSC3 | RSC4 | RSC6 |
|---|---|---|---|
| Product Temperature | Maintain product temperature at or below 41°F | | |
| Environmental Conditions | NSF/ANSI 7 Type II Standard maximum indoor 80°F, Relative Humidity 54% | | |
| External Dimensions — Width | 37.9 inches | 49.9 inches | 73.5 inches |
| External Dimensions — *Width - Joined Cases | When joining multiple RSC models, subtract (1.35"×2) for the two side panels not used between each joined display. | | |
| External Dimensions — Depth | 36.1 inches | | |
| External Dimensions — Height | 75.6 inches | | |
| Structure — Outer/Inner Box | Stainless steel (including outer valance)/zinc coated (black powder coated) steel | | |
| Structure — Insulation | Rigid Insulating Foam | | |
| Shelves | 3 shelves (plus bottom panel) | | 6 shelves (plus bottom panel) |
| | Adjustable powder coated metal frame. | | |
| Electrical Parts 115/60/1 (3 Amp) — Fan Motor | ECM high efficiency | | |
| Electrical Parts 115/60/1 (3 Amp) — Lighting | LED | | |
| Electrical Parts 115/60/1 (3 Amp) — Solenoid Valve | Hermetic direct acting solenoid valve for refrigeration (24V DC) | | |
| Pipe Size of Connection Point — Liquid Line | 3/8 inch OD | | |
| Pipe Size of Connection Point — Suction Line | 5/8 inch OD | | |
| Refrigerant | R404A, R448A, R407A | | |
| Evaporator | Fin Tube Type | | |
| Expansion Valve | External Equalized Automatic Thermal Expansion Valve | | |
| Controller | Digital programmable controller with Modbus communication protocol | | |
| Casters | (4) 2 inch Casters | | |
| Drain Pipe Dimension | 1.5 inch NPT Male Connector | | |
| Thermometer | Product Simulation Thermometor | | |
| Internal Volume | 20.73 ft$^3$ | 27.75 ft$^3$ | 41.46 ft$^3$ |
| Weight | 368 llbs | 405 lbs | 598 lbs |
| Noise | Less than 65 dB at 4 ft | | |
| Agency Approvals | 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.*

# Open Air Island Merchandiser
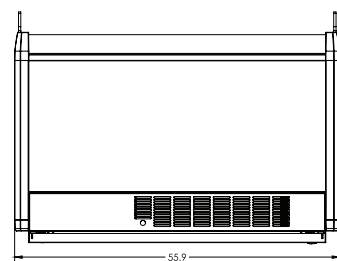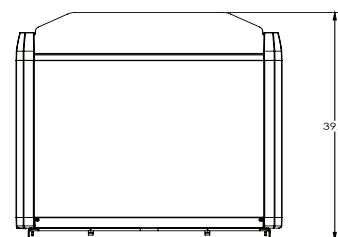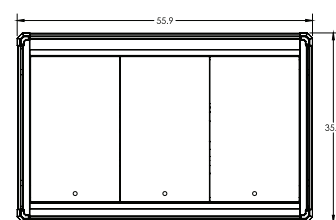## Impulse Series

## Open Air Design

The NIC Open Air Island Merchandiser is specially designed and proven to perform in C-Store and Retail environments. Its open, no door design maximizes product visibility and increases valuable impulse sales. The open air design eliminates worries over customers leaving doors open which can adversely affect product temperature. Without doors, the NIC Open Air Island Merchandiser can maintain a steady product temperature which improves product quality.

*6 ft Frozen Food Merchandiser*

| Model | NIC 183R01 | NIC 183S01 | NIC 143S01 |
|---|---|---|---|
| Product Temperature | Integrated Avg. Temperature -15°F (-26.1°C), (Max product temperature 12°F (-11.1°C)) | | |
| Environmental Conditions | Maximum indoor 80°F (26.7°C) and relative humidity 55% | | |
| Ice Cream Set point | -11°F (-23.9°C) | | -8°F (-22.2°C) |
| Ice Cream Setpoint Range | -13°F (-25°C) to -8°F (-22.2°C) | | |
| Freezer Setpoint | 0°F (-17.8°C) | | |
| Freezer Setpoint Range | -3°F (19.4°C) to 10°F (-12.2°C) | | |
| External Dimensions — Width | 72.4 inches (1838.96 mm) | | 55.9 inches (1419.86 mm) |
| External Dimensions — Depth | 35.8 inches (909.32 mm) | | |
| External Dimensions — Height | 40.0 inhes (1016 mm) | | |
| Outer/Inner Box | Powder coated steel/zinc coated steel | | |
| Insulation | Rigid insulating foam | | |
| Color | White | | |
| Baskets | 32 baskets | | 24 baskets |
| Power | 220 VAC, 12 amp, 60 HZ, 1 phase | | |
| Outdoor Condensing Unit | 230 VAC, 12 amp, 60 HZ, 3 phase | | N/A |
| Power Cord/Plug | Lenght 8 ft 3 wire 16G / Plug Type NEMA L6-20P | | |
| Fan Motors | ECM high efficiency | | |
| Compresor | Outdoor Reciprocating | Horizontal Scroll | |
| Liquid Line | 3/8 inch OD | N/A | |
| Suction Line | 1/2 inch OD | N/A | |
| Refrigerant | R404A | | R449A |
| Evaporator | Fin tube type, forced convection | | |
| Expansion Valve | External equalized automatic thermal expansion valve | | |
| Controller | Digital programmable controller with Modbus communication protocol | | |
| Casters | (5) 2-inch diameter casters | | (4) 2-inch diameter casters |
| Internal Volume | 16.4 ft$^3$ | | 12.7 ft$^3$ |
| Weight | Approx. 450 lbs. (204.12 kg) | Approx. 520 lbs. (235.87 kg) | Approx. 385 lbs. (174.63 kg) |
| Agency Approvals | ANSI/UL 471, CSA C22.2, NSF/ANSI 7 | | |
| | ETL File #4007858 | | |


*4.5 ft Frozen Food Merchandiser*







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