



24" General Purpose Refrigerator/Freezer

Model # MS24RFS**



Door-front-mounted temperature display and user interface

Standard Features

- 1" diameter probe port in rear cabinet wall (standard)
- 3 full-depth perforated metal shelves, cantilever mounted on rear wall of interior, adjustable in 1.5" increments
- MaxStore™ roller-glide clear utility bin provides maximum volume to effectively store large, bulky or loose items
- Top-mounted vertical freezer with self-closing door
- Flat interior door liner maximizes depth of shelves
- "Box Style" door for easy mounting of inventory management system hardware
- Front vented through toe space grill for true built-in installations
- Extra-long, jacketed commercial power cord with hospital grade plug to meet stringent hospital and clinical use standards
- CSA Approved and warrantied for commercial use
- Standard door lock for secure storage needs
- Discrete top edge mounted door handle
- Cam-assisted door close hinge system to reduce door ajar events
- Bright energy efficient white LED interior lighting for easy content viewing
- 4 leveling legs for up to 1" height adjustment
- Durable white powder coat paint finish
- Recommended ambient temperature 18.3°C to 32.2°C (65°F to 90°F)
- Specify right-hand hinge or left-hand hinge when ordering, door hinging cannot be changed in the field

Reliable Temperature Stability & Energy Efficiency

- Advanced forced air evaporator system design with optimized interior cooling air distribution
- New energy efficient door gasket system seals in the cold, reducing energy consumption
- Powerful compressor for fast pull-down time and temperature recovery after door opening or content loading
- Automatic defrost: Not recommended for critical temperature storage applications such as vaccines

Marvel Intuit™ Integrated Temperature Control

- Door-front-mounted temperature display and user interface for easy access and monitoring
- Accurate electronic temperature control of contents in refrigeration section within $\pm 2^{\circ}\text{C}$ of set point
- Large, easy-to-read digital temperature display with resolution to 1.0°C
- User-selectable temperature set point between $+1^{\circ}$ and $+6^{\circ}\text{C}$, factory preset to $+4^{\circ}\text{C}$ in the refrigeration section
- User-selectable temperature set point between -14°C and -21°C , factory preset to -20°C in the freezer section
- Visual and audible alarms for over temperature, under temperature, and door ajar events
- Alarm silence and automatic ring back function
- Keypad lock-out to prevent unintended control inputs
- Visual diagnostic error codes

Rough-In Dimensions		
"A"	"B"	"C"
24" (61 cm)	34" to 35" (86.4 to 88.9 cm)	*
* Depth dimension of rough-in opening may vary depending on each individual installation. To recess entire door "F" dimension plus 1-1/4" (3.2 cm) for thickness of power cord plug is required.		

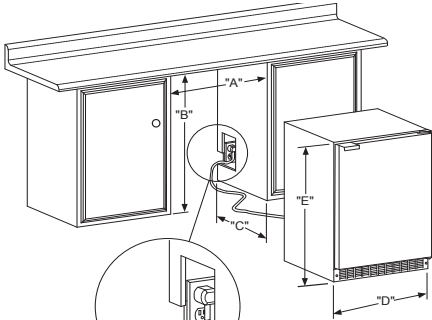


Figure 7

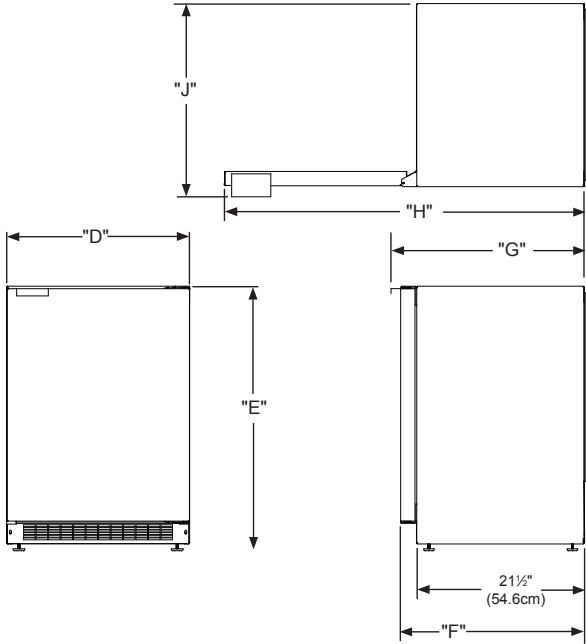
Figure 7a



Figure 8

If necessary to gain clearance inside the rough-in opening a hole can be cut through the adjacent cabinet and the power cord routed through this hole to a power outlet. Another way to increase the available opening depth is to recess the power outlet into the rear wall to gain the thickness of the power cord plug. Not all recessed outlet boxes will work for this application as they are too narrow, but a recessed outlet box equivalent to Arlington #DVR1W is recommended for this application, (see Figure 8).

Cabinet Dimensions					
"D"	"E"	"F"	"G"	"H"	"J"
23 7/8" (60.7 cm)	33 3/4" to 34 3/4" (85.7 to 88.3 cm)	23 23/32" (60.2 cm)	24 31/32" (63.4 cm)	47 3/32" (119.6 cm)	24 7/8" (63.2 cm)



Width	23 7/8"
Interior Finish	White
Capacity	Refrigerator: 3.8 Cubic Feet Freezer: 1.0 Cubic Feet
Shelving System	Cantilever
Shelf Fronts	White
Interior Lighting	LED Pod
Toe Grill Finish	Black
Hinge	Cam-assisted self close
Handle	Discrete

Control Type	Intuit™
Lock	Yes
Refrigerator Temperature Range	34°F to 42°F (+1°C to +6°C)
Freezer Temperature Range	-6°F to +6°F (-21°C to -14°C)
Electrical Requirements	120V / 60Hz / 15A
Length of Power Cord	5'

Product Dimensions	23 7/8" W x 33 3/4" H x 23 23/32" D
Depth to Front of Door	23 23/32"
Depth to Handle	24 31/32"
Depth with door at 90°	4 3/32"
Shipping Weight	160 lbs
Finishes	White
Agency Approvals	CSA

Storage Configuration

- (3) half-width cantilever, fully adjustable perforated metal shelves
- (1) full-width fixed position steel-framed glass shelf
- (1) MaxStore™ Utility Bin
- (1) removable perforated metal shelf in freezer

Product Dimensions

23 7/8" W x 33 3/4" minimum H x 23 23/32" D (excluding door handle)

Finish/Door Options



White

Ordering Details

Solid White Cabinet and Door - Right Hinge with Lock	MS24RFS4RW
Solid White Cabinet and Door - Left Hinge with Lock	MS24RFS4LW

