

National Refrigeration Company

2007 Equipment Catalog

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AutoOuotes

# National Refrigeration Company

### **Our Mission**

To produce the highest quality refrigeration equipment for the most demanding applications, and serve our valued customers in a competitive and efficient manner.

## **Our Company**

In May 2005, National Refrigeration

Company purchased the stock of

Carrier Commercial Refrigeration Inc.

to continue the manufacturing of the

Kelvinator line of commercial and scientific

refrigeration equipment that has enjoyed

a 90 year track record of success.



# innovative technologies

NATIONAL REFRIGERATION COMPANY IS COMMITTED TO IMPLEMENTING INNOVATIVE TECHNOLO-GIES TO ENHANCE PERFORMANCE IN OUR PRODUCT LINE. ONE OF THE MOST SIGNIFICANT TECH-



NOLOGIES THAT WILL BE INTRODUCED IN 2006 IS A PROPRI-ETARY TECHNOLOGY, XSTREAM® Valve from XDX®, THAT WILL BE IMPLEMENTED IN OUR LOW TEMPERATURE UPRIGHTS.

What is XDXfi? The XSTREAM® Valve is a multi-functional valve that changes the characteristics of the refrigerant flow pattern through the evaporator. This valve can be installed close to the evaporator, adjacent to the rack, or inside the condensing unit on any direct expansion cooling system and needs to be installed in conjunction with other required system components to allow for the desired system performance.

Why use DXfi? • XSTREAM® is more energy efficient, reducing both kW and kWh

- Use of the XSTREAM® system decreases defrost cycles
- . XSTREAM® maintains more consistent product temperatures, increasing shelf life of product
- Total system capacity is increased when using XSTREAM®

Facts about XDXfi?

- XDX® is more efficient, saving 18-24% on power consumption.
- Use of the XDX® system typically decreases defrost cycles in the amount of 50%.
- XDX® maintains consistent product temperature while producing significantly less condensation.
- Faster return to desired product temperature is achieved by XDX®.
- · XDX improves product quality and product weight.
- · XDX improves compressor safety.
- XDX improves system capacity
- · Defrost reduction, like that experienced with XDX, reduces freezer burn and product separation

How does it work? Refrigerant flow within the evaporator is more evenly distributed which results in:

- . More Uniform frost formation
- More Uniform airflow
- Improved oil return
- · Extended periods between defrosting

- · Reduced defrost duration
- . More uniform cabinet temperatures

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· More consistent product conditions

### Sources:

Underwriters Laboratories Inc.®, UL Verification of Data Concerning XDX® System Operation - 1999

University of Illinois at Chicago **Energy Resources Center** Evaluation of Collected Data during OEM Test of Performance Enhancement of XDX® Valve - 2002

Underwriters Laboratories Inc.® XDX® Refrigeration System October 2000 ASHRAE Symposium OR-05-16 TC 10.7 - 2005 Altered Bi-phase Flow Regime...Laboratory and Field Experiences

International Refrigeration and Air-conditioning Conference at Purdue University- 2004 Altered Bi-phase Flow Regime in Evaporator Coils

White Paper Application & Advantages...2003 CCR The Illinois Department of Commerce and Community Affairs Report - Grant Award 96-32551 Silliker Research Laboratories Inc.®, February 2000 Shelf-Life Extension and Bacterial Growth Analysis





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# visual dipping cabinets

### visidippers

- Air piston-assisted, tempered, scratch proof servicesidelid for easy no-hands opening and easy cleaning
- · Curved or flat front glass models
- · Durable powder-paint finish
- Extra storage capacity below presentation level
- Externally mounted product display light prevents heat buildup inside the cabinet and product discoloration
- Stainless Steel top service area
- Refrigeration system designed for air in and out the service side grille if the front grille is blocked
- · Slide-out condensing unit for easy serviceability
- 10°F to -10°F temperature range
- · Forced air/bare tube condenser
- Static/cold wall evaporator
- Environmentally friendly R-404a refrigerant
- Reliable capillary tube refrigerant control
- Supplied with 8' 15A power cord with NEMA 5-15 plug
- · Manual defrost with external drain hose connection
- UL, CUL, UL Sanitation listings
- Does not include Can Skirt Kit assembly

4 1/2" lower viewing glass offers 75% more product visibility







KDC-47V



Models shown with Gelato Kit (optional)

### **VISIDIPPER - STRAIGHT FRONT**

PART NUMBER	MODEL	DESCRIPTION	EXTERI LENGTH	OR DIMEN Depth	NSIONS HEIGHT	VOLTS	AMPS	НР	CU. FT.	SHIP WT.	LIST PRICE
52-2783-21	KDC-27V	4 Facings, Straight Front	25 7/8"	26 3/8"	51 13/16"	115	3.0	1/4	4.6	235	\$4,832
52-2783-33	KDC-47V	8 Facings, Straight Front	46 5/8"	26 3/8"	51 13/16"	115	4.0	1/3	12.0	365	\$5,708
52-2783-25	KDC-67V	12 Facings, Straight Front	67 1/8"	26 3/8"	51 13/16"	115	11.5	1/2	19.1	525	\$7,574
52-2783-24	KDC-87V	16 Facings, Straight Front	88 1/8"	26 3/8"	51 13/16"	115	10.5	3/4	26.4	635	\$8,733

### **VISIDIPPER - CURVED FRONT**

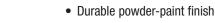
PART NUMBER	MODEL	DESCRIPTION	EXTERI LENGTH	or dimen Depth	NSIONS HEIGHT	VOLTS	AMPS	НР	CU. FT.	SHIP WT.	LIST PRICE
52-2784-21	CKDC-27V	4 Facings, Curved Front	25 7/8"	26 3/8"	51 13/16"	115	3.0	1/4	4.6	235	\$5,370
52-2784-33	CKDC-47V	8 Facings, Curved Front	46 5/8"	26 3/8"	51 13/16"	115	4.0	1/3	12.0	365	\$6,980
52-2784-25	CKDC-67V	12 Facings, Curved Front	67 1/8"	26 3/8"	51 13/16"	115	11.5	1/2	19.1	525	\$9,326
52-2784-24	CKDC-87V	16 Facings, Curved Front	88 1/8"	26 3/8"	51 13/16"	115	10.5	3/4	26.4	635	\$10,258



# In demand! The most popular & dependable dipping cabinet in the world

# visual dipping cabinets

**s** andard



Extra storage capacity below presentation level

· Curved or flat front glass models

- Durable clear plastic service lids are reinforced with aluminum framing for added durability
- · Stainless Steel top service area with glass ends
- Stainless steel cabinet rim protects cabinet during loading and unloading
- Raised rim helps keep inside of cabinet clean
- Refrigeration system designed for air in and out the service side grille if the front grille is blocked
- · Slide-out condensing unit for easy serviceability
- 10°F to -8°F temperature range
- Forced air / bare tube condenser
- · Cold wall evaporator
- Environmentally friendly R-404a refrigerant
- · Reliable capillary tube refrigerant control
- Supplied with 8' 15A power cord with NEMA 5-15 plug
- Manual defrost with external drain hose connection
- · Does not include Can Skirt Kit assembly





CKDC-87

KDC-67

### **STANDARD - STRAIGHT FRONT**

PART NUMBER	MODEL	DESCRIPTION	EXTERI LENGTH	OR DIMENSIONS DEPTH HEIGHT	VOLTS	AMPS	HP	CU. FT.	SHIP WT.	LIST PRICE
52-1802-65	KDC-27	4 Facings, Straight Front	25 3/4"	26 11/16" 50 11/16	" 115	3.0	1/4	4.6	235	\$3,835
52-1802-66	KDC-47	8 Facings, Straight Front	46 1/2"	26 11/16" 50 11/16	" 115	4.0	1/3	12.0	365	\$4,739
52-1802-67	KDC-67	12 Facings, Straight Front	67"	26 11/16" 50 11/16	" 115	11.5	1/2	19.1	525	\$6,329
52-1802-68	KDC-87	16 Facings, Straight Front	88"	26 11/16" 50 11/16	" 115	10.5	3/4	26.4	635	\$6,657

### STANDARD - CURVED FRONT

PART NUMBER	MODEL	DESCRIPTION	EXTERI LENGTH	IOR DIMEN	SIONS HEIGHT	VOLTS	AMPS	НР	CU. FT.	SHIP WT.	LIST PRICE
52-1802-56	CKDC-27	4 Facings, Curved Front	25 3/4"	26 11/16"	50 11/16"	115	3.0	1/4	4.6 23	35	\$4,739
52-1802-57	CKDC-47	8 Facings, Curved Front	46 1/2"	26 11/16"	50 11/16"	115	4.0	1/3	12.036	35	\$5,260
52-1802-58	CKDC-67	12 Facings, Curved Front	67"	26 11/16"	50 11/16"	115	11.5	1/2	19.152	25	\$7,068
52-1802-59	CKDC-87	16 Facings, Curved Front	88"	26 11/16"	50 11/16"	115	10.5	3/4	26.463	35	\$7,671



# chest cabinets

### ice cream

- · Durable powder-paint finish
- Exterior and interior shells made of heavy gauge high grade steel, bonderized for corrosion resistance
- Lids are foamed in place and have tight seal vinyl chamber guards to keep cold in, moisture out and prevent power-robbing frost build-ups
- Stainless steel cabinet rim protects cabinet during loading and unloading
- · Raised rim helps keep inside of cabinet clean
- 0°F to -20°F temperature ranges
- Radiant shell, non-clogging condenser requires no maintenance and also promotes whisper quiet operation
- No condenser fans required means a savings on replacement and energy costs
- Cold wall evaporator
- Environmentally friendly R-404a and R-134a refrigerants
- · Reliable capillary tube refrigerant control
- Supplied with 8' 15A power cord with NEMA 5-15 plug
- Manual defrost with external drain hose connection



Optional accessories on page 17



Legendary for quality, performance and reliability

**2SF** 



Full 2 1/2" insulation

insulation

Radiant shell, non-clogging condenser requires no maintenance and also promotes whisper quiet operation



Unit 3	Capacity Gal. Cans		
Ŭ	Facing	Storage	Total
2SF	3	1	4
4SF	6	4	10
4DF	6	3	9
6DF	9	7	16
8DF	12	9	21
10DF	16	13	29
14DF	22	18	40

	PART NUMBER	MODEL	DESCRIPTION	EXTERIO LENGTH	OR DIMENSIONS DEPTH HEIGHT	VOLTS	AMPS	НР	CU. FT.	SHIP WT.	LIST PRICE
	52-1904-21	2SF	3 Facings, Single Row	32 1/8"	20 15/16" 34 1/16"	115	1.5	1/5	5.4	212	\$2,931
	52-1904-22	4SF	6 Facings, Single Row	55 5/8"	20 15/16" 34 1/16"	115	1.7	1/5	11.3	294	\$4,000
	52-1904-23	4DF	6 Facings, Double Row	30 5/8"	30 9/16" 34 1/16"	115	2.0	1/5	9.1	247	\$3,287
	52-1904-24	6DF	9 Facings, Double Row	43 1/16"	30 9/16" 34 1/16"	115	3.0	1/3	14.1	304	\$3,945
	52-1904-54	8DF	12 Facings, Double Row	54 3/16"	30 9/16" 34 1/16"	115	3.0	1/3	18.6	353	\$4,356
*	. 52-1904-26	10DF	16 Facings, Double Row	66 5/8"	30 9/16" 34 1/16"	115	3.1	1/3	23.6	396	\$5,260
*	52-1904-27	14DF	22 Facings, Double Row	89 1/8"	30 9/16" 34 1/16"	115	5.4	(2) 1/3	31.5	598	\$7,644

**★**Call for availability

Stainless Steel Exterior Pricing Add-on on Page 17

Optional Accessories on Page 18



# ice cream cabinets

drop-in and flavor rail

### Flavor Rail Cabinet

- Removable drip trough under flavor jars prevents condensation from falling into the ice cream
- · Durable powder-paint finish
- Lids have seals to reduce frost build-up
- Both lids can be pushed back, completely out of the way, to permit full access for peak service or cleaning
- Stainless steel cabinet rim protects cabinet during loading and unloading
- Raised rim helps keep inside of cabinet clean
- Compressor accessible through front opening behind grill
- 0°F to -20°F temperature range
- Radiant shell, non-clogging condenser requires no maintenance and also promotes whisper quiet operation
- No condenser fans required means a savings on replacement and energy costs
- · Cold wall evaporator
- Environmentally friendly R-404a refrigerant
- · Reliable capillary tube refrigerant control
- Supplied with 6´ 1/2" 15 A power cord with NEMA 5-15 plug
- Manual defrost with external drain hose connection

Stainless steel flavor jar housing holds eleven jars instead of 10 like the competition





### **Drop-In Ice Cream Cabinet**

- Oversized Compressor 300 watts capacity designed for lids off operation
- Unpainted galvannealed steel exterior with high quality powder coat interior
- Tempered "presdwood" under stainless steel top
- Designed to fit below standard 34" countertop and installs in 30" deep backbar or counter
- Compressor and thermostat are accessible through front opening
- · Front must not be blocked
- 0°F to -20°F temperature ranges
- Forced convection-condenser unit permits air intake and exhaust through the front even when installed on a raised solid base
- Bare tube design is easy to keep clean
- · Cold wall evaporator
- Environmentally friendly R-404a refrigerant
- Reliable capillary tube refrigerant control
- · Conduit connected, Max. Fuse Size 15A
- Manual defrost with external drain hose connection

### **DROP-IN ICE CREAM CABINET**

PART NUMBER	MODEL	DESCRIPTION	EXTERI LENGTH	OR DIMEN DEPTH		VOLTS	AMPS	НР	CU. FT.	SHIP WT.	LIST PRICE
52-2034-01	DI4	Drop-In Freezer	28 3/16"	28 3/16"	29 3/8"	115	2.0	1/5	4.9	210	\$3,726

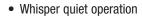
### **ICE CREAM FLAVOR RAIL CABINET**

PART NUMBER	MODEL	DESCRIPTION	EXTERI Length	or dimen Depth		VOLTS	AMPS	HP	CU. FT.	SHIP WT.	LIST PRICE
52-1904-57	8FR	11-Jar Flavor Rail	54 1/8"	30 3/8"	47 7/16"	115	3.0	1/3	18.6	353	\$6,136



# bunkers

# impulse merchandisers



- · Steel refrigerant tubing
- · Exterior is textured white finish
- · Heavy duty caster
- One basket stack standard per cabinet
- · Heavy duty top with lockable glass lids
- Manual defrost, front mounted drain with plug
- 0° to -15° F temperature range
- Environmentally friendly R-134a refrigerant
- Reliable capillary tube refrigerant control
- Supplied with 15A power cord with NEMA 5-15P plug















### **IDEAL FOR MERCHANDISING PROFITABLE IMPULSE ITEMS**

PART NUMBER	MODEL	DESCRIPTION	EXTE LENGTH	RIOR DIM Depth	ENSIONS HEIGHT	AMPS	CU. FT.	SHIP WT.	LIST PRICE
45-0200-05	B5	Flat Top Spot Merchandiser Freezer	28"	22 1/2"	36 1/2"	5.0	5.0	130	\$1,025
45-0200-07	B7	Flat Top Spot Merchandiser Freezer	36"	22 1/2"	36 1/2"	5.0	7.2	150	\$1,225
45-0200-09	В9	Flat Top Spot Merchandiser Freezer	42"	22 1/2"	36 1/2"	5.0	8.8	165	\$1,450
45-0200-13	B13	Flat Top Spot Merchandiser Freezer	43 3/4"	28 3/4"	36 45/64"	5.0	12.8	175	\$1,650
45-0200-15	B15	Flat Top Spot Merchandiser Freezer	49"	28 3/4"	36 45/64"	5.0	14.8	180	\$1,850
45-0200-18	B18	Flat Top Spot Merchandiser Freezer	56 3/4"	28 3/4"	36 45/64"	5.0	17.8	195	\$1,900



# bunkers

slant top





**BCS51** 

- · Curved glass lids with locks and brush style gaskets
- · Heavy duty metal interior and exterior is more dent resistant
- Copper evaporator coil wraps around the tank for better heat transfer
- Bare tube condenser for maintenance free opperation
- Durable powder-paint finish
- Beveled style extrusion on the top
- · Manual defrost, bottom mounted drain with plug
- Standard with full set of baskets and casters
- Heavy steel skids to support cabinet on casters
- · Slide out compressor tray for easy serviceability
- Thermostat control allows pull down to -18°F
- Environmentally friendly R-134a refrigerant
- · Reliable capillary tube refrigeration control
- Supplied with power cord



Includes full compliment of baskets

Euro-styling in impulse merchandising

Includes factory installed lid locks

PART NUMBER	MODEL	DESCRIPTION		CTERIOR DI			AMPS	CU. FT.	SHIP WT.	LIST PRICE
45-0235-00	BCS-41	Slanted Top Merchandiser Freezer	4	41 15/16"	27 3/4"	34 3/4"	4.4	8.12	165	\$1,450
45-0200-07	BCS-51	Slanted Top Merchandiser Freezer	5	51 49/64"	27 3/4"	34 3/4"	6.4	10.95	185	\$1,650
45-0200-09	BCS-61	Slanted Top Merchandiser Freezer	6	61 39/64"	27 3/4"	34 3/4"	6.0	13.95	205	\$1,850



# cabinets

# hardening



Insulated quad doors on 52" wide cabinet eliminate hassle of multiple door openings and cold air loss

- Cantilever shelves adjust in 3/4" increments.
- · New spring loaded cam design door hinge.
- Durable powder-paint finish.
- Large face area on condenser coil means easier cleaning and efficient operation.
- Expansion valve refrigerant control provides quicker pull down and reduces compressor run time.
- Dual fan extended surface evaporator coil produces lower frost accumulation on cabinet walls.
- Top mounting condensing unit design unobstructed air flow and easy service.
- Semi-hermetic compressor features high and low side access valves.
- Heated drain pan dissipates condensation, no plumbing required.
- Thermostat control allows pull down to -30°F on Hardening Cabinets and -40°F on High Performance Flash Freezer.
- Fin & Tube forced air condenser.
- Fin & Tube forced air evaporator.
- Environmentally friendly R-404a refrigerant.
- Expansion valve refrigerant control.
- Supplied with 15A or 20A power cord with NEMA 5-15 plug, NEMA 5-20 plug or Conduit Connected.
- · Automatic defrost.



PART				OR DIMEN		1101=0			CU.	SHIP	LIST
NUMBER	MODEL	DESCRIPTION	LENGTH	DEPTH	HEIGHT	VOLTS	AMPS	HP	FT.	WT.	PRICE
52-1991-07	T30HSP	1 Door, -30°F	31"	36 9/16"	83 3/4"	115	11.5	1/2	27.3	637	\$8,495
52-1991-15	T50HSQL	4-Door,-30°F	52"	36 1/8"	83 3/4"	115	16.0	3/4	49.1	898	\$10,520
52-1991-14	T50HSQHP	4-Door,-40°F	52"	36 1/8"	83 3/4"	208-230	7.4	1 1/2	49.1	898	\$11,125



# merchandisers

# low temperature upright



Patented door design eliminates the need for heaters in the door frame



ULG30

- Reach-in merchandisers are designed to enhance your product sales through improved merchandising
- Merchandisers are available in one, two, and threedoor models to fit most common applications
- In addition, models can be set side-by-side for a continuous merchandising look
- All models offer energy efficient compressor design, snap-out covers on the anti-condensate heaters and improved air flow
- Microprocessor Control
- One, two, and three-door models
- · Low temperature to meet your merchandising needs
- Slide out condensing unit
- Easy cleaning and servicing from cabinet front
- · Thicker, foamed-in-place insulation
- · Excellent illumination enhances merchandise
- Most adjustable cantilever shelving in the industry



ULG80

PART NUMBER	MODEL	DESCRIPTION	LENGTH	DEPTH	HEIGHT	AMPS	НР	CU. FT.	SHIP WT.	LIST PRICE
52-1992-19	ULG 30BS	1 Door, Low Temp.	31"	36 7/8"	79 3/4"	14.6	3/4	27.3	516	\$7,525
52-1992-20	ULG 50BC	2 Door, Low Temp.	52"	36 7/8"	79 3/4"	13.0	1	49.1	780	\$10,125
52-1997-22	ULG 50RD*	2 Door, Remote Low Temp.	52"	36 7/8"	79 3/4"	5.6	-	49.1	585	\$8,485
45-1171-04	HTLS150L44E	Condensing Unit, 1 Phase, N	o Timer							\$5,811
45-1171-05	HTLS150L44E	Condensing Unit, 3 Phase, N	o Timer							\$5,811
52-1992-23	ULG 80BC	3 Door, Low Temp	78"	36 7/8"	79 3/4"	16.0	1 1/2	76.2	1038	\$12,175
52-1997-23	ULG 80RD*	3 Door, Remote Low Temp.	78"	36 7/8"	79 3/4"	8.7	-	76.2	855	\$11,230
45-1171-06	HTLS200L44E	Condensing Unit, 1 Phase, N	o Timer							\$5,811
45-1171-07	HTLS200L44E	Condensing Unit, 3 Phase, N	o Timer							\$5,811
52-2104-01	ULG 15BS-B	2 Door, Frozen Merchandiser	36"	28"	54"	11.7	1/2	15	650	\$6,700

<sup>\*</sup>Conduit Connected



# merchandisers

# low temperature

### **Low Temperature Merchandisers**

- · Cantilever shelves adjust in 3/4" increments
- Features Microprocessor Control
- · Durable powder-paint finish
- Large face area on condenser coil means easier cleaning and efficient operation
- Expansion valve refrigerant control provides quicker pull down and reduces compressor run time
- Three stage evaporator reduces the frequency of defrosts and allows more efficient operation
- Top mounted condensing unit design provides unobstructed air flow and easy service
- Heated drain pan dissipates condensation, no plumbing required
- Thermostat control allows pull down from 0° to -20° F
- · Fin & Tube forced air condenser
- Fin & Tube forced air evaporator
- Environmentally friendly R-404a refrigerant
- Supplied with 15A or 20A power cord with NEMA 5-15 plug, NEMA 5-20 plug
- Automatic defrost





**T50LGP** 



The best lighting in the industry offers excellent product illumination; T-10 with electronic ballast

### **LOW TEMPERATURE MERCHANDISERS**

PART NUMBER	MODEL	DESCRIPTION	EXTERI LENGTH	OR DIMEN Depth	NSIONS HEIGHT	VOLTS	AMPS	НР	CU. FT.	SHIP WT.	LIST PRICE
52-1991-36	T30LGP	1 Door, Low Temp.	31"	36 1/4"	83 3/4"	16.0	115	3/4	27.3	568	\$7,916
52-1991-38	T50LGP*	2 Door, Low Temp.	52"	36 1/4"	83 3/4"	13.0	115/208-23	30 1	49.1	744	\$10,651
52-1997-24	T50LGPR*	2 Door, Remote Low Temp.	52"	36 1/4"	83 3/4"	5.6	115**	-	49.1	590	\$8,926
45-1171-04	HTLS150L44D	Condensing Unit - T50LGPR	1.5 HP, 208	3-230/1/60,	No Timer					150	\$4,668
52-1991-44	T80LGP	3 Door, Low Temp.	78"	36 1/4"	83 3/4"	16.0	115/208-23	30 1 1/2	76.2	1058	\$12,808
52-1997-25	T80LGPR*	3 Door, Remote Low Temp.	78"	36 1/4"	83 3/4"	8.7	115**	-	76.2	860	\$11,814
45-1171-06	HTLS200L44D	Condensing Unit - T80LGPR	2.0 HP, 20	08-230/1/6	0, No Timer					150	\$4,668

<sup>\*</sup> Lights Only

<sup>\*\*</sup> Conduit Connected





# merchandisers

# medium temperature

### **Medium Temperature Merchandisers**

- One, two or three door models
- Medium temperature to meet your merchandising needs
- · Slide out condensing unit
- · Easy cleaning and servicing from cabinet front
- Thicker foamed-in-place insulation
- The best lighting in the industry offers excellent product illumination
- Cantilever shelves adjust in 3/4" increments
- Features Microprocessor Control
- · Durable powder-paint finish
- Large face area on condenser coil means easier cleaning and efficient operation
- Expansion valve refrigerant control provides quicker pull down and reduces compressor run time
- Three stage evaporator reduces the frequency of defrosts and allows more efficient operation
- Top mounted condensing unit design provides unobstructed air flow and easy service
- Heated drain pan dissipates condensation, no plumbing required
- Fin & Tube forced air condense
- Fin & Tube forced air evaporator
- · Environmentally friendly R-404a refrigerant
- Supplied with 15A or 20A power cord with NEMA 5-15 plug, NEMA 5-20 plug
- Automatic defrost





**T50MGP** 

### **MEDIUM TEMPERATURE MERCHANDISERS**

PART NUMBER	MODEL	DESCRIPTION	EXTERI LENGTH	OR DIMEN Depth	ISIONS HEIGHT	AMPS	НР	CU. FT.	SHIP WT.	LIST PRICE
52-1991-64	T30MGP	1 Door, Medium Temp.	31"	36 1/4"	83 3/4"	7.0	1/3	27.3	454	\$6,075
52-1991-66	T50MGP	2 Door, Medium Temp.	52"	36 1/4"	83 3/4"	10.0	1/2	49.1	656	\$7,153
52-1991-68	T80MGP	3 Door, Medium Temp.	78"	36 1/4"	83 3/4"	14.5	1/2	76.2	883	\$9,310



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# solid door freezers & refrigerators

# & refrigerator ice cream



Largest capacity low temperature reach-ins in the industry



- 120° stay open feature on self-closing doors
- · Cantilever shelves adjust in 3/4" increments
- Features Microprocessor Control
- · Durable powder-paint finish
- Large face area on condenser coil means easier cleaning and efficient operation
- Expansion valve refrigerant control provides quicker pull down and reduces compressor run time
- Three stage evaporator reduces the frequency of defrosts and allows more efficient operation
- Top mounting condensing unit design provides unobstructed air flow and easy service
- Heated drain pan dissipates condensation, no plumbing required
- Thermostat control allows pull down from 0° to -20°F on LSP & 35-55°F on MSP
- Fin & Tube forced air condenser
- Fin & Tube forced air evaporator
- Environmentally friendly R-404a refrigerant
- Supplied with a 15A or 20A power cord with NEMA 5-15 plug, NEMA 5-20 plug for 115V "Plug & Go" installation
- Automatic Defrost controlled by microprocessor



### **CAN STORAGE FREEZER**

PART NUMBER	MODEL	DESCRIPTION	LENGTH	DEPTH	HEIGHT	AMPS	НР	CU. FT.	SHIP WT.	LIST PRICE
52-1991-50	T30LSP	1 Door, Low Temp.	31"	36 9/16"	83 3/4"	13.0	1/2	27.3	464	\$6,000
52-1991-54	T50LSP	2 Door, Low Temp.	52"	36 9/16"	83 3/4"	13.0	1/2	49.1	688	\$8,050
52-1991-60	T80LSP	3 Door, Low Temp.	78"	36 9/16"	83 3/4"	16.0	3/4	76.2	900	\$10,125
52-1991-85	T30MSP	1 Door, Medium Temp.	31"	36 9/16"	83 3/4"	7.3	1/2	27.3	462	\$5,600
52-1991-83	T50MSP	2 Door, Medium Temp.	52"	36 9/16"	83 3/4"	7.3	1/2	49.1	600	\$7,600



# export & miscellaneous prici

# export & miscellaneous pricing

ice cream equipment

PART NUMBER	ITEM	DESCRIPTION	LIST PRICE
52-1901-37	EKDC27	220/50	\$ 4,000
52-1901-38	EKDC47	220/50	4,750
52-1901-33	EKDC67	220/50	6,250
52-1901-34	EKDC87	220/50	6,475
52-2783-60	EKDC27V	220/50	4,675
52-2783-61	EKDC47V	220/50	5,450
52-2783-62	EKDC67V	220/50	7,100
52-2783-63	EKDC87V	220/50	8,250
52-1901-35	ECKDC27	220/50	4,725
52-1901-36	ECKDC47	220/50	5,200
52-1901-31	ECKDC67	220/50	6,850
52-1901-32	ECKDC87	220/50	7,400
52-2784-64	ECKDC27V	220/50	5,150
52-2784-65	ECKDC47V	220/50	6,475
52-2784-66	ECKDC67V	220/50	8,550
52-2784-67	ECKDC87V	220/50	9,475
52-1904-34	E2SF	220/50-60	3,075
52-1904-36	E4DF	220/50-60	3,400
52-1904-35	E4SF	220/50-60	4,050
52-1904-37	E6DF	220/50-60	4,000
52-1904-38	E8DF	220/50-60	4,375
52-1904-60	E10DF	220/50-60	5,200
52-1904-61	E14DF	220/50-60	7,375
52-2034-02	ED14	220/50-60	4,000
52-1904-39	E8FR	220/50-60	6,000

### **VOLTAGE CHANGE to 220/50 or 60 cycle**

LIST PRICE
\$ 200
275
275
375
375
475

Export Crating	List
1 door unit	225
2 door unit	375
3 door unit	550

### To order, call 800-486-8369

# Chest Cabinet Stainless Steel Exterior

Unit	Lst Price
2SF	\$ 622
4SF	860
4DF	693
6DF	886
8DF/8FR	962
10DF	1,027
14DF	1,219



# accessories

ice cream



### **DIPPING CABINET ACCESSORIES**

PART NUMBER	ITEM	DESCRIPTION	WEIGHT (EACH)	LIST PRICE
52-1804-01	Can Skirts	Includes 4 skirts and complete assembly components 1 in KDC/CKDC27 (or KDC/CKDC27V), 1 in KDC/CKDC67*	20	\$ 330
52-1804-02	Can Skirts	Includes 8 skirts and complete assembly components 1 in KDC/CKDC47 (or KDC/CKDC47V), 1 in KDC/CKDC67*, 2 in KDC/CKDC87	30	656
52-1874-01	Can Clamps	1 in KDC/CKDC27 (or KDC/CKDC27V), 2 - KDC/CKDC47 (or KDC/CKDC47V), 3 - KDC/CKDC67, 4 - KDC/CKDC87	10	330
52-1881-00	Bottom Support Shelf	1 - KDC/CKDC27, 2 - KDC/CKDC47, 3 - KDC/CKDC67, 4 - KDC/CKDC87 Mount with Can Clamps	30	232
52-2784-50	27" Gelato Kit			566
52-2784-51	47" Gelato Kit			642
52-2784-52	67" Gelato Kit			717
52-2784-53	87" Gelato Kit			793
52-1830-01	Caster Kit	3" Set of 4 - Includes 2 Rails, 2 Casters w/Brakes, 2 w/o Brakes	19	336
52-1013-05	Caster	Lo Profile		281
52-1831-01	Leg Kit	Adjustable from $6" \times 71\%2"$ , Mounting Hardware Included	19	411
52-1833-01	Night Cover	For KDC/CKDC-4 Hole	8	83
52-1833-02	Night Cover	For KDC/CKDC-8 Hole	7	115
52-1833-03	Night Cover	For KDC/CKDC-12 Hole	8	180
52-1833-04	Night Cover	For KDC/CKDC-16 Hole	10	206
52-1832-00	Lid Lock	1 Required for KDC/CKDC 27 & 47, 2 Required for KDC/CKDC 67 & 87	1	74
52-2081-00	Lid Lock Kit	For Lids w/Full Width Handles	1	74
7300000	Dipperwell	Includes Water Valve/Wire Sponge, Holder, Sponge & Standpipe	5	392
52-2083-01	Frost Shield Kit	For KDC/CKDC 27	10	169
52-2083-02	Frost Shield Kit	For KDC/CKDC 47	12	206
52-2083-03	Frost Shield Kit	For KDC/CKDC 67	14	234
52-2083-04	Frost Shield Kit	For KDC/CKDC 87	20	264
52-2083-05	Frost Shield Kit	For KDC/CKDC 27V	10	149
52-2083-06	Frost Shield Kit	For KDC/CKDC 47V	12	194
52-2083-07	Frost Shield Kit	For KDC/CKDC67V	22	343
52-2083-08	Frost Shield Kit	For KDC/CKDC87V	24	388

### **ICE CREAM CABINET ACCESSORIES**

PART NUMBER	ITEM	DESCRIPTION	WEIGHT (EACH)	LIST PRICE
52-2777-01	Casters - 2SF, 4SF	1 Set of 4, Includes 2 w/Lock, 2 w/o Lock - 3" Casters	20	\$ 291
52-2777-02	Casters - 8FR, 4, 6, 8, 10, 14DF	1 Set of 4, Includes 2 w/Lock, 2 w/o Lock, 3" Casters w/Heavy Duty Bracket	30	291
5850000	Remote Switch - DI4	Control Box, Signal Lite, Supply Switch, Mounting Bracket	10	161
6390000	Leg Kit - 2SF, 4SF	Adjustable from 6" - 7 1/2", Mounting Hardware Included	18	332
6400000	Leg Kit - 4, 6, 8, 10DF, 8FR	Adjustable from 6" - 7 1/2", Mounting Hardware Included	23	388
6850000	Lid Lock - 8FR		20	211
7150000	Lid Lock - Small Hole	Heavy Gauge Stainless Steel Channels, 12" x 24" w/Padlock & Key; 1- 2SF; 2 - 4SF; 1 - 6DF*, 10DF*, 14DF*	3	146
8770000	Lid Lock - Large Hole	Heavy Gauge Stainless Steel Channels, 24" x 24" w/Padlock & Key; 1 - 4DF; 1 - 6DF*; 2 - 8DF, 10DF*, 3 - 14DF*; 1 - DI4	3	100



# accessories

ice cream

# UPRIGHT GLASS DOOR MERCHANDISER AND REACH-IN STORAGE CABINET ACCESSORIES

PART Number	ITEM	DESCRIPTION	WEIGHT (EACH)	LIST PRICE
7300000	Dipperwell	Including Water Valve, Wire Sponge Holder, Sponge & Standpipe	5	\$ 384
52-2073-00	Dipperwell	AdapterKit - Mounts 730 Dipwell to ICC	5	77
15-0267-00P	1 Cantilever Shelf	2-Position, Includes Price Tag Molding	11	127
15-0397-00P	1 Cantilever Shelf	Extended Shelf for Models T30, 50 & 80	15	128
15-0197-03P	1 Cabinet Shelf	Bottom rack	12	79
15-0248-01P	1 Step Shelf	Fits on top of Cantilever Shelf	9	146
15-0290-08P	Shelf Kit - Upper	1/2 Shelf in front of Evaporator	7	110
51-0178-00P	Cantilever Novelty	Fits T30, 50 & 80 - adjustable Basket, w/3 dividers	20	297
51-1508-01P	Lighted Sign Kit - Plastic Curved Face	31" 1 Door Vertical Sign w/Frozen Food Sign T30	15	582
51-1508-02P	Lighted Sign Kit - Plastic Curved Face	52" 1 Door Vertical Sign w/Frozen Food Sign T50	20	681
51-1508-04P	Lighted Sign Kit - Plastic Curved Face	1 Door Vertical Sign w/Frozen Food Sign T80	25	867
52-1577-01	Skirt Kit	1 door cabinet	9	324
52-1577-02	Skirt Kit	2 door cabinet	12	346
52-1577-03	Skirt Kit	3 door cabinet	15	379
52-1589-01	Door Lock	Glass Door cabinets,1 per door, field installed	5	80
52-2022-00	Casters - Bottom Mount	1 Door Caster/Skirt - Microprocessor Control	22	465
52-2023-00	Casters - Bottom Mount	2 Door Med. Caster/Skirt - Microprocessor Control	28	553
52-2024-00	Casters - Bottom Mount	3 Door Med. Caster/Skirt - Microprocessor Control	32	686
52-2021-00	Casters - Bottom Mount	2 Door Low Caster/Skirt/Cord - Non Microprocessor Control	25	728
52-2020-00	Casters - Bottom Mount	3 Door Low Caster/Skirt/Cord - Non Microprocessor Control	37	893
52-1590-01	Caster Kit - 1 Door Med/Low & 2 Door Med	Set of 4, 2 w/lock, 2 wo/lock 5 1/8" high, Microprocessor only	21	423
52-1590-02	Caster Kit - 3 Door Models Med.Temp.	Set of 6, 2 w/lock, 4 wo/lock, 5 1/8" high, Microprocessor only	32	522
52-1590-03	Caster/Cord - 2 Door Low	Set of 4, 2 w/lock, 2 wo/lock, 5 1/8" high, w/service cord	25	567
52-1590-04	Caster/Cord - 3 Door Low	Set of 6, 2 w/lock, 4 wo/lock, 5 1/8" high, w/service cord	35	706
52-1595-01	Pan Racks	1 Door, field installed (does not include pans)	25	1,158
52-1595-02	Pan Racks	2 Door, field installed (does not include pans)	48	2,182
52-1595-03	Pan Racks	3 Door, field installed (does not include pans)	52	3,204
52-1595-04	Pan Racks	1 Door on a 2 Door Cabinet, field installed	58	1,267
52-1622-00	Thermometer Kit	Field installed, requires tooling	3	227
52-1594-00	Drain Pan	Drain Pan for Remote Cabinets	15	144

### **BUNKER IMPULSE MERCHANDISER ACCESSORIES (Flat Top Spot Only)**

PART NUMBER	ITEM	DESCRIPTION	WEIGHT (EACH)	LIST PRICE
45-0208-01P	Compact Basket	Novelty Basket for B5, B7, B9	3	\$ 66
45-0208-02P	Chest Basket	Novelty Basket for B13, B15, B18	3	66
45-0208-03P	Dividers Basket	Dividers for All	1	24



# NATIONAL REFRIGERATION COMPANY TERMS AND CONDITIONS OF SALE

All sales are made subject to the following terms and conditions and National Refrigeration Company ("NRC") objects to any different or additional terms or conditions contained in Buyer's purchase order or any other document submitted by Buyer. NRC's acceptance of any purchase order is expressly made conditional on Buyer's assent to these terms and conditions.

- These Terms and Conditions of Sale are an integral part of the purchase order to which they are attached and any terms or conditions contained in a
  purchase order which in any manner purport to alter, modify, change, suspend or add to any term of condition contained herein shall be deemed
  excluded from such purchase order and waived by Buyer.
- Buyer cannot modify, cancel or otherwise alter orders after goods are in process without NRC's written consent. Any such cancellation, modification, or alteration shall be subject to conditions as negotiated at such time, which shall include protection of NRC against loss.
- 3. Unless designated otherwise, goods are sold F.O.B. NRC's factory, freight prepaid. Risk of loss or damage in transit shall be borne by Buyer and any claims shall be made directly with carrier. Title to the goods shall not pass to Buyer until NRC has received payment in full therefore. Buyer authorizes NRC to such financing statements in respect of the goods as NRC deems appropriate to protect its interests therein.
- 4. Delivery dates are approximate. NRC shall not be responsible for delays in delivery or performance due to causes beyond its reasonable control, including, but not limited to, acts of God, acts of Buyer, strikes or other labor disturbances, inability to obtain fuel, material or parts, war, acts of terrorism, riot, delays in transportation, repairs to equipment, epidemics, floods, fires, accidents, or a contingency the non-occurrence of which was a basic assumption on which the purchase order was made. Acceptance of goods upon delivery shall constitute a waiver by Buyer of any claim for damages on account of delays in delivery or performance.
- 5. SUBJECT TO STANDARD MANUFACTURING VARIATIONS, NRC WARRANTS THAT THE PRODUCTS FURNISHED HEREUNDER SHALL MEET ONLY THOSE SPECIFICATIONS SET FORTH ON THE FACE HEREOF. NRC MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND SPECIFICALLY EXCLUDES ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
- 6. No claim for damages for goods that do not conform to specifications will be allowed unless NRC is given immediate notice after delivery of goods to the first destination to which they are shipped and allowed an opportunity to inspect them. Products for which damages are claimed shall not be returned, repaired or discarded without NRC's written consent. NRC shall have no liability whatsoever for equipment or component failures or other damages or losses that arise as a result of improper installation or incorrect application of the goods. EXCEPT WITH RESPECT TO CLAIMS OF THIRD PARTIES FOR PERSONAL INJURY OR DAMAGE TO PROPERTY, BUYER'S EXCLUSIVE REMEDY AGAINST TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, SHALL BE LIMITED TO NRC'S REPLACING GOODS THAT DO NOT CONFORM TO SPECIFICATIONS, OR AT NRC'S OPTION, REFUNDING THE PURCHASE PRICE. IN NO EVENT SHALL NRC HAVE ANY LIABILITY FOR DAMAGES IN AN AMOUNT EXCEEDING THE PURCHASE PRICE OF THE GOODS SOLD HEREUNDER, NOR SHALL NRC HAVE ANY LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. THE PROVISIONS OF THIS SECTION LIMITING REMEDIES TO REFUND OR REPLACEMENT, LIMITING LIABILITY AND EXCLUDING CONSEQUENTIAL OR INCIDENTAL DAMAGES ARE INDEPENDENT PROVISIONS AND ANY DETERMINATION THAT ANY SUCH LIMITATION OF REMEDIES FAILS OF ITS ESSENTIAL PURPOSE OR ANY OTHER DETERMINATION THAT ANY OF THE AFOREMENTIONED PROVISIONS IS UNENFORCEABLE, SHALL NOT BE CONSTRUED TO MAKE ANY OTHER PROVISION UNENFORCEABLE.
- NRC shall have the right to credit toward the payment of any monies that may become due Buyer hereunder any amounts which may now or hereafter be owed to NRC or any of its subsidiaries or affiliates.
- 8. NRC may, at its option, suspend performance if in its opinion the credit of Buyer becomes impaired until such time as NRC has received full payment or satisfactory security for deliveries made and is satisfied as to Buyer's credit for future deliveries. If Buyer fails to make payment in full or refuses satisfactory security, then NRC shall have the right to enforce payment of the full purchase price for products already delivered or in process, and may either cancel the unfinished portion of the order, or may proceed with the order, in which latter case, NRC shall be entitled to such extension of time for performance as is necessitated by the suspension.
- 9. All taxes of any kind levied by any federal, state, municipal or other governmental authority which NRC is required to collect or pay with respect to the production, sale or shipment of goods sold hereunder shall be the responsibility of Buyer. Buyer agrees to pay all such taxes and further agrees to reimburse NRC for any such payments made by NRC.
- 10. Checks or payments, whether full or partial, received from or for the account of Buyer, regardless of writings, legends or notations upon such checks or payments, or regardless other writings, statements or documents, shall be applied by NRC against the amount owing by Buyer with full reservation of all NRC's rights and without an accord and satisfaction of Buyer's liability, unless agreed to by NRC in writing.
- 11. In the event that Buyer fails to make payment of the purchase price or any portion thereof when due, NRC shall have the right to employ an attorney to collect the balance due and Buyer agrees to pay all collections costs incurred by NRC, including its reasonable attorney fees.
- 12. This agreement shall be governed by the laws of the state of South Carolina. Buyer, acting for itself and its successors and assigns, hereby expressly and irrevocably consents to the exclusive jurisdiction of its state and federal courts for any litigation which may arise out of or be related to this agreement. Buyer waives any objection based upon forum non conveniens or any objection to venue of any such action.
- 13. The Purchase Order and these terms and conditions, together with any other documents incorporated herein by reference, constitutes the sole and entire agreement between Buyer and NRC with respect to the subject matter hereof, superseding completely any oral or written communications unless the terms thereof are expressly incorporated herein. No waiver of any of these terms and conditions shall be effective unless in writing and signed by an authorized officer or employee of NRC.
- 14. Warranty valid only in USA and Canada.



# NATIONAL REFRIGERATION COMPANY WARRANTY

### NATIONAL REFRIGERATION COMPANY (NCR) WARRANTS TO THE ORIGINAL PURCHASER:

FIRST YEAR - The cabinet and all of its parts shall be free of defects in material and manufacturer under normal use and service for a period of one year from the date of installation. NCR's sole obligation under this warranty shall be limited, at its option, to either repair or replace any defective part of the cabinet to be determined by NCR.

FIRST-YEAR SERVICE LABOR WARRANTY (SELF-CONTAINED UNITS ONLY) - NCR provides a (1) One-year service warranty to the customer. As of the original date of installation NCR agrees to pay for related labor and material for the purpose of repair or replacement of defective parts (as defined by the manufacturer).

FIVE-YEAR - NRC will replace the compressor only, with a compressor of like or similar design and capacity if it is shown to the satisfaction of NCR that the compressor is inoperative due to defects in material or manufacture. This warranty applies only to the compressor and does not apply to any other part of the cabinet or its finish, nor to any electrical component including the external control or relay for the compressor.

### STANDARD WARRANTY AND FIVE-YEAR COMPRESSOR WARRANTY DO NOT COVER:

Any labor costs involving the repair of replacement of the cabinet or parts, including the compressor, after the one-year labor warranty period.

The cabinet and any of its parts, including the compressor, which have been subjected to accident, alteration (e.g. drilling holes in the cabinet), abuse, misuse, low voltage operation, improper wiring, failure to clean the condenser at regular intervals or damage by flood, fire, or acts of God, or which have not been otherwise installed or operated in accordance with NCR's "Installation Instructions."

Loss or spoilage of food or any other contents of the cabinet.

GENERAL - The Standard Warranty shall apply only within the boundaries of the Continental United States and Canada.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY ANY APPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTIES OTHERWISE ARISING FROM COURSE OF DEALING OR TRADE. IN NO EVENT SHALL NCR BE LIABLE FOR ANY LOSS, DAMAGE, OR E PENSE DIRECTLY OR INDIRECTLY RESULTING FROM THE USE OF ITS PRODUCT, INCLUDING, WITHOUT LIMITATION, FOOD SPOILAGE, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OR CONTINGENT LIABILITY OF ANY NATURE WHATSOEVER.

### **CONTINENTAL USA & CANADA - ONLY**





LORD KELVIN 1824 - 1907

"I've thought of a better way"

"Kelvinator" refers to the great physicist of the 1800's who was instrumental in the early history of refrigeration.

Kelvinator was the first successful manufacturer of refrigerators, beginning in 1914, and is proud to associate "Kelvinator" with Lord Kelvin.

Lord Kelvin published 661 scientific papers and was knighted by Queen Victoria for completing the first transatlantic cable in 1866.

Other accomplishments include:

- Invented mirror galvanometer used in cable signalling
- Invented siphon recorder to receive signals
- Invented first ship's compass largely free from magnetic influence of iron on the ship
- Invented mechanical tide predictor to foretell variations in sea level in any port

### And...

First suggested the use of a gas thermometer for accurate temperature readings. The Kelvin Thermodynamic scale is based on the fact that a volume of gas gets smaller as temperature drops. Absolute zero - 273° C was computed, and this absolute scale in centigrade is often called degrees Kelvin.

Lord Kelvin's famous reply "I've thought of a better way", is carved in the cornerstone at Kelvinator General Offices.

Every Kelvinator product offers "a better way" through QUALITY, DEPENDABILITY AND INNOVATION.

(Excerpts from first printed Kelvinator catalog.)











### **Employee Development**

- We listen to our employees and treat each other with respect.
- We care for our employees' health and safety.
- We are committed to employee and management development.
- We value diversity in individuals and cultures.

### **Customer Care**

- We listen to our customers and respond to their needs.
- We make it easy to do business with us.
- We are committed to excellence and customer satisfaction.

### **Business Practices**

- We maintain the highest ethical standards.
- We are environmentally responsible.
- We actively support the communities in which we do business.

### Quality

• Quality is the common denominator of all we do.



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