

thermo scientific



Thermo Scientific Revco RDE Series Ultra-Low Temperature Freezers

Medical Device

ThermoFisher
SCIENTIFIC

Thermo Scientific™ Revco™ RDE Series Ultra-Low Temperature Freezers

- **H-drive hydrocarbon refrigeration system** provides sustainable performance with reliability you can count on
- **Low peak variation** helps ensure sample temperature protection throughout entire cabinet
- **Fast door opening recovery** in as little as 11 minutes
- **Long warm-up time** from -80°C to -50°C in up to 5 hours
- **Four capacities:** 300, 400, 500 and 600 2-inch boxes
- **Decrease storage footprint** up to 25%
- **5-year** standard warranty



Designed to keep your samples safe

- Worry-free storage; with low peak variation, samples are protected throughout the entire cabinet.¹
- Secure freezer settings with sample security
- FDA Class II Medical Device for Storage of Blood, Plasma, Tissue, Skin, and Bone³
- Backed by our Global Service and Support Team

Limit environmental impact and lower HVAC costs

- Uses as low as 10.7 kWh/day, depending on size
- Less heat emission lowers HVAC costs
- SNAP compliant, natural hydrocarbon refrigerants
- Environmentally-friendly, water-blown foam insulation is compliant with SNAP
- Manufactured in an award-winning, zero-waste-to-landfill facility

User-friendly and quiet

- New HIC touch screen user interface
- Quiet enough to reside directly in the laboratory; at just 50 dBA, the sound is comparable to a home refrigerator.²

1. Typical freezer data based on internal testing with freezer setpoint at -80°C and ambient temperature at 20°C. Performance data varies across freezer size and electrical specifications.

2. All data based on internal data unless otherwise noted. Data on file.

3. FDA Class II Medical Devices are listed under product code KSE, regulation number 864.9700. This unit is not intended for use in classified hazardous locations, nor to be used for the storage of flammable inventory. Reference: AABB - Technical Manual 17th Ed., page 273,274. STANDARDS FOR TISSUE BANKING 14th Ed., Section E, E3.300, E3.310, Table E3.331.

Note for clarity: The "Bone" is the Osteoarticular Graft, a weight bearing allograft with intact articular surfaces, consisting of a joint with associated soft tissue and bone. STANDARDS FOR TISSUE BANKING 14th Ed., Section page 8.

Dependable storage with operational savings and sustainability

User-friendly HIC interface and cabinet

- Easy to use: plug in and go; no setup required
- H-drive Information Center (HIC) combines easy-to-read temperature with simple capacitive touch buttons
- Advanced security features: alarm settings, setpoint security passcode, and padlock-compatible doors
- Ergonomic design: single-hand door operation, eye-level display, and shelf-level placement that do not require floor-level loading of racks
- Five inner doors minimize ambient temperature during sample retrieval



Specifications & Ordering Information



Upright Freezers (-50°C to -86°C)

FDA Class II Model	Capacity		Electrical	Amps / Breaker (Plug type)	Max Shelf Weight lbs. (kg)	Interior Dimensions H x W x D in. (cm)	Exterior Dimensions H x W* x D in. (cm)	Shipping Weight lbs. (kg)
	cu. ft. (L)	Cryoboxes (2 in.)						
RDE30086LA	14.9	300	115V/60Hz	12.6/20 (NEMA 5-20)	125	51.2 x 17.8 x 28.3	78.0 x 23.0 x 38.5	712
RDE30086LD	(422)		208-230V/60Hz	5.6/15 (NEMA 6-15)	(57)	(130.1 x 45.2 x 71.9)	(198.1 x 58.4 x 97.7)	(323)
RDE40086LA	19.4	400	115V/60Hz	13.0/20 (NEMA 5-20)	165	51.2 x 23.1 x 28.3	78.0 x 28.3 x 38.5	687
RDE40086LD	(549)		208-230V/60Hz	5.9/15 (NEMA 6-15)	(75)	(130.1 x 58.8 x 71.9)	(198.1 x 71.9 x 97.7)	(312)
RDE50086LA	24.1	500	115V/60Hz	12.5/20 (NEMA 5-20)	205	51.2 x 28.8 x 28.3	78.0 x 34.0 x 38.5**	734
RDE50086LD	(682)		208-230V/60Hz	5.0/15 (NEMA 6-15)	(93)	(130.1 x 73.0 x 71.9)	(198.1 x 86.4 x 97.7)	(333)
RDE60086LA	28.8	600	115V/60Hz	12.7/20 (NEMA 5-20)	245	51.2 x 34.4 x 28.3	78.0 x 39.6 x 38.5**	820
RDE60086LD	(816)		208-230V/60Hz	6.2/15 (NEMA 6-15)	(111)	(130.1 x 87.3 x 71.9)	(198.1 x 100.6 x 97.7)	(372)

*Allowance for handle and hinge, add 4.2 in (10.7 cm) to cabinet width

**Doorway width clearance is 34.5 in (87.6 cm) for RDE50086 and RDE60086



Performance Data

Model Series	Energy Consumption* (kW-hr/day)	Peak Variation from -80°C Setpoint (°C)**	60 Second Door Opening Recovery Time (minutes)	Warm-Up Time (-80°C to -50°C) (minutes)***	Noise Level (dBA)
RDE30086	10.7	+6.9/-3.4	11	248	52
RDE40086	12.5	+5.2/-3.7	16	257	51
RDE50086	12.9	+4.0/-2.9	20	260	50
RDE60086	13.8	+3.9/-3.1	24	297	50

*Energy Consumption: Typical data - internal testing with freezer setpoint at -80°C and 20°C ambient temperature

**Peak Variation from Setpoint: Typical data - internal testing with freezer setpoint at -80°C and 20°C ambient temperature

***Warm Up Time: Typical data - internal testing with empty freezer setpoint at -80°C and ambient temperature at 20°C

Options (Field installations must be performed by a qualified professional)

Description	Installation	For Model Series			
		RDE30086	RDE40086	RDE50086	RDE60086
LN₂ Backup System Maintains temperature down to -80°C with liquid nitrogen. <i>Models for RDE30086 are stand alone.</i>	Factory	N/A	LN4567	LN4567	LN4567
	Field	FLN300A* FLN300D**	FLN456LEA* FLN456LED**	FLN456LEA* FLN456LED**	FLN456LEA* FLN456LED**
CO₂ Backup System Maintains temperature down to -67°C with CO ₂ . <i>Models for RDE30086 are stand alone.</i>	Factory	N/A	CO4567	CO4567	CO4567
	Field	FCO300A* FCO300D**	FCO456LEA* FCO456LED**	FCO456LEA* FCO456LED**	FCO456LEA* FCO456LED**
Chart Recorder (Inkless) Seven-day inkless recorder Range: -115° to +50°C (+5°C resolution) Dia.: 6 in. (15.2cm)	Factory	N/A	N/A	CR4567	CR4567
	Field	N/A	N/A	FCR500LE	FCR600LE
Chart Recorder (Ink) Seven-day ink recorder Range: -100° to +38°C (+2°C resolution) Dia.: 6 in. (15.2cm) <i>Models for RDE30086 and RDE40086 are stand alone.</i>	Factory	N/A	N/A	CRP4567	CRP4567
	Field	6383-6A* 6383-6D**	6383-6A* 6383-6D**	FCRP500LE	FCRP600LE
Stainless Steel Freezer Interior	Factory	SS34567	SS34567	SS34567	SS34567
Twist Lock Plug NEMA L5-20P for 115V/60Hz	Factory	US125V20ATL	US125V20ATL	US125V20ATL	US125V20ATL
	Field	TL125V20A	TL125V20A	TL125V20A	TL125V20A
Twist Lock Plug NEMA L6-15P for 208-230V/60Hz	Factory	US230V15ATL	US230V15ATL	US230V15ATL	US230V15ATL
	Field	TL230V15A	TL230V15A	TL230V15A	TL230V15A
Twist Lock Plug NEMA L6-20P for 208-230V/60Hz	Factory	US230V20ATL	US230V20ATL	US230V20ATL	US230V20ATL
	Field	TL230V20A	TL230V20A	TL230V20A	TL230V20A

*A = 115V/60Hz (NEMA 5-20 plug)
**D = 208-230V/60Hz (NEMA 6-15 plug)

Accessories

Description	For Model Series			
	RDE30086	RDE40086	RDE50086	RDE60086
Air Filter (Replacement)	AF34567LE	AF34567LE	AF34567LE	AF34567LE
Alarm Delay Module Eliminates nuisance alarms due to intermittent or transitory conditions. (The alarm conditions must exist for a user-defined period before the signal is broadcast.)	6903	6903	6903	6903
Battery Backup (Replacement)	400159	400159	400159	400159
Chart Paper, for Inkless Recorder, 50/Pack	N/A	N/A	6185	6185
Chart Paper, for Ink Recorder, 50/Pack	17020	17020	17020	17020
Cryo Gloves, Medium	4425	4425	4425	4425
Cryo Gloves, Large	4426	4426	4426	4426
Seismic Restraint Kits	TF-ULT300	TF-ULT400	TF-ULT500	TF-ULT600
Shelf Kits: Include One Shelf and Clips	SK300	SK400	SK500	SK600

Freezer Packages with Factory-Installed Options

Revco RDE Ultra-Low Freezer with Two Shelves of Sliding Drawer Racks Plus Boxes

Model	Capacity		Electrical, 60Hz	# of Racks Included	Cryoboxes* Included
	cu. ft. (L)	Cryoboxes*			
RDE30086LARK	14.9 (422)	300	115V	6	120
RDE30086LDRK	14.9 (422)	300	208-230V	6	120
RDE40086LARK	19.4 (549)	400	115V	8	160
RDE40086LDRK	19.4 (549)	400	208-230V	8	160
RDE50086LARK	24.1 (682)	500	115V	10	200
RDE50086LDRK	24.1 (682)	500	208-230V	10	200
RDE60086LARK	28.8 (816)	600	115V	12	240
RDE60086LDRK	28.8 (816)	600	208-230V	12	240

*For cryoboxes that measure 5 x 5 x 2 in (12.7 x 12.7 x 5 cm) (W x D x H)

Revco RDE Ultra-Low Freezer with LN₂ Backup System, Two Shelves of Sliding Drawer Racks Plus Boxes

Model	Capacity		Electrical, 60Hz	# of Racks Included	Cryoboxes* Included
	cu. ft. (L)	Cryoboxes*			
RDE40086LARLN	19.4 (549)	400	115V	8	160
RDE40086LDRLN	19.4 (549)	400	208-230V	8	160
RDE50086LARLN	24.1 (682)	500	115V	10	200
RDE50086LDRLN	24.1 (682)	500	208-230V	10	200
RDE60086LARLN	28.8 (816)	600	115V	12	240
RDE60086LDRLN	28.8 (816)	600	208-230V	12	240

*For cryoboxes that measure 5 x 5 x 2 in (12.7 x 12.7 x 5 cm) (W x D x H)

Revco RDE Ultra-Low Freezer with CO₂ Backup System, Two Shelves of Sliding Drawer Racks Plus Boxes

Model	Capacity		Electrical, 60Hz	# of Racks Included	Cryoboxes* Included
	cu. ft. (L)	Cryoboxes*			
RDE40086LARCO	19.4 (549)	400	115V	8	160
RDE40086LDRCO	19.4 (549)	400	208-230V	8	160
RDE50086LARCO	24.1 (682)	500	115V	10	200
RDE50086LDRCO	24.1 (682)	500	208-230V	10	200
RDE60086LARCO	28.8 (816)	600	115V	12	240
RDE60086LDRCO	28.8 (816)	600	208-230V	12	240

*For cryoboxes that measure 5 x 5 x 2 in (12.7 x 12.7 x 5 cm) (W x D x H)



Freezer Packages with Factory-Installed Options



Revco RDE Ultra-Low Freezer with Chart Recorder, Two Shelves of Sliding Drawer Racks Plus Boxes

Model	Capacity		Electrical, 60Hz	# of Racks Included	Cryoboxes* Included
	cu. ft. (L)	Cryoboxes*			
RDE50086LARCR	24.1 (682)	500	115V	10	200
RDE50086LDRCR	24.1 (682)	500	208-230V	10	200
RDE60086LARCR	28.8 (816)	600	115V	12	240
RDE60086LDRCR	28.8 (816)	600	208-230V	12	240



*For cryoboxes that measure 5 x 5 x 2 in. (W x D x H)

Racks for Boxes and Microplates

Racks for 2 in. (5 cm) Boxes

Catalog No.	Description	Dimensions H x W x D in. (cm)	Storage Capacities	For Model Series			
				RDE30086	RDE40086	RDE50086	RDE60086
 398329	Sliding Drawer Rack	9.5 x 5.5 x 26.9 (24 x 14 x 68.3)	Boxes/Rack	20	20	20	20
			Racks/Shelf	3	4	5	6
			Racks/Freezer	15	20	25	30
			Boxes/Freezer	300	400	500	600
 1950518	Adjustable Side Access Rack	9.4 x 5.4 x 26.75 (23.9 x 13.7 x 67.9)	Boxes/Rack	20	20	20	20
			Racks/Shelf	3	4	5	6
			Racks/Freezer	15	20	25	30
			Boxes/Freezer	300	400	500	600


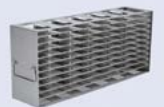

Racks for 3 in. (7.62 cm) Boxes

Catalog No.	Description	Dimensions H x W x D in. (cm)	Storage Capacities	For Model Series			
				RDE30086	RDE40086	RDE50086	RDE60086
 398328	Sliding Drawer Rack	9.5 x 5.5 x 26.9 (24 x 14 x 68.3)	Boxes/Rack	15	15	15	15
			Racks/Shelf	3	4	5	6
			Racks/Freezer	15	20	25	30
			Boxes/Freezer	225	300	375	450
 1950519	Adjustable Side Access Rack for 3 in. boxes	9.4 x 5.4 x 26.75 (23.9 x 13.7 x 67.9)	Boxes/Rack	15	15	15	15
			Racks/Shelf	3	4	5	6
			Racks/Freezer	15	20	25	30
			Boxes/Freezer	225	300	375	450

Racking Shelf Kits

Description	Storage Capacities	For Model Series			
		RDE30086	RDE40086	RDE50086	RDE60086
	Catalog No.	RSK300SD5	RSK400SD5	RSK500SD5	RSK600SD5
Sliding Drawer Racks with Boxes for One Shelf (5 x 5 x 2 in. Boxes with 100-Count Cell Dividers)	Racks Included	3	4	5	6
	Boxes Included	60	80	100	120

Racks for Standard or Deepwell Microplates

Catalog No.	Description	Dimensions H x W x D in. (cm)	Storage Capacities	For Model Series			
				RDE30086	RDE40086	RDE50086	RDE60086
 398322	Side Access Rack with Locking Rod	9.4 x 5.5 x 25.7 (23.9 x 14 x 65.3)	Plates/Rack	98	98	98	98
			Racks/Shelf	3	4	5	6
			Racks/Freezer	15	20	25	30
			Plates/Freezer	1470	1960	2450	2940
 1950522	Side Access Microplate Rack	9.4 x 5.5 x 25.5 (23.9 x 14 x 64.8)	Plates/Rack	77	77	77	77
			Racks/Shelf	3	4	5	6
			Racks/Freezer	15	20	25	30
			Plates/Freezer	1155	1540	1925	2310
 1950639	Sliding Drawer Microplate Rack	9.4 x 5.5 x 25.7 (23.9 x 14 x 65.3)	Plates/Rack	28	28	28	28
			Racks/Shelf	3	4	5	6
			Racks/Freezer	15	20	25	30
			Plates/Freezer	420	560	700	840

Boxes and Dividers

Catalog No.	Description	# of Dividers	Quantity	Color
5026-0909	Thermo Scientific™ Nalgene™ polycarbonate 2 in. (5.08cm) box for 1.2 to 2mL vials	81	24/Case	White
5954	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	White
820002	2 in. (5.08 cm) Fiberboard Box	81	1	White
820109	2 in. (5.08 cm) Fiberboard Box	100	1	White
5956	3 in. (7.62 cm) Fiberboard Box	0	12/Pack	White
820003	3 in. (7.62 cm) Fiberboard Box	81	1	White
1950878	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Multiple
1950879	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Pink
1950880	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Red
1950881	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Yellow
1950882	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Green
1950883	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Blue
1950884	2 in. (5.08 cm) Fiberboard Box	0	12/Pack	Black

Fiberboard Dividers

Catalog No.	Description	Quantity/Pack
5958	Grid Dividers, Hold 100 x 12 mm Tubes/Vials	12
6212	Grid Dividers, Hold 81 x 13 mm Tubes/Vials	12
5960	Grid Dividers, Hold 64 x 14 mm Tubes/Vials	12
5959	Grid Dividers, Hold 49 x 16 mm Tubes/Vials	12

Vials and Tubes

Catalog No.	Description	Quantity
377267	Thermo Scientific™ Nunc™ 1.8mL Screw-Top Round-Bottom Vials with Internal Threading	1,800/Case

Sliding Drawer Racks for Matrix and Cryobank Tubes

Racks work with all Thermo Scientific™ Matrix™ and Nunc™ Cryobank Tubes

		For Model Series	RDE30086	RDE40086	RDE50086	RDE60086
200 µL Capacity Tubes						
3747, 3748, 4988	Matrix 200 µL 2D Internally Threaded Universal Tubes Box Dimensions: 3.365 x 5.03 x 1.082 in. (8.5 x 12.8 x 2.75 cm)	Rack Model No.	1950786	1950786	1950786	1950786
		Freezer Rack Dimensions W x H x D	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)
		Tubes/Box	96	96	96	96
		Boxes/Rack	42	42	42	42
		Racks/Shelf	3	4	5	6
		Racks/Freezer	15	20	25	30
		Tubes/Freezer	60,480	80,640	100,800	120,960
500 µL Capacity Tubes						
3734, 3735, 4898	Matrix 500 µL 2D Open Top Tubes Box Dimensions: 3.365 x 5.03 x 1.022 in. (8.5 x 12.8 x 2.6 cm)	Rack Model No.	1950786	1950786	1950786	1950786
		Freezer Rack Dimensions W x H x D	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)
3736, 3737, 4899	Matrix 200 µL 2D Internally Threaded Universal Tubes with Installed DuraSeal™ Seal Box Dimensions: 3.365 x 5.03 x 1.082 in. (8.5 x 12.8 x 2.75 cm)	Tubes/Box	96	96	96	96
		Boxes/Rack	42	42	42	42
374086, 374087 (including color options)	Nunc Cryobank 500 µL Internally Threaded Tubes Box Dimensions: 3.365 x 5.03 x 1.394 in. (8.5 x 12.8 x 3.5 cm)	Racks/Shelf	3	4	5	6
		Racks/Freezer	15	20	25	30
		Tubes/Freezer	60,480	80,640	100,800	120,960
3743, 3744, 3745 (including color options)	Matrix 500 µL 2D Internally Threaded ScrewTop Tubes Box Dimensions: 3.365 x 5.03 x 1.745 in. (8.5 x 12.8 x 4.4 cm)	Rack Model No.	1950639	1950639	1950639	1950639
		Freezer Rack Dimensions W x H x D	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)
		Tubes/Box	96	96	96	96
		Boxes/Rack	28	28	28	28
		Racks/Shelf	3	4	5	6
		Racks/Freezer	15	20	25	30
		Tubes/Freezer	40,320	53,760	67,200	80,640

Sliding Drawer Racks for Matrix and Cryobank Tubes

Racks work with all Thermo Scientific™ Matrix™ and Nunc™ Cryobank Tubes

		For Model Series	RDE30086	RDE40086	RDE50086	RDE60086
750 µL Capacity Tubes						
3731, 3732, 4896	Matrix 750 µL 2D Open Top Tubes Box Dimensions: 3.365 x 5.03 x 1.55 in. (8.5 x 12.8 x 3.9 cm)	Rack Model No.	1950639	1950639	1950639	1950639
		Freezer Rack Dimensions W x H x D	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)
3729, 4896	Matrix 750 µL 2D Tubes with Installed DuraSeal Seal Box Dimensions: 3.365 x 5.03 x 1.55 in. (8.5 x 12.8 x 3.9 cm)	Tubes/Box	96	96	96	96
		Boxes/Rack	28	28	28	28
		Racks/Shelf	3	4	5	6
		Racks/Freezer	15	20	25	30
		Tubes/Freezer	40,320	53,760	67,200	80,640
1 mL Capacity Tubes						
374088, 374089 (including color options)	Nunc Cryobank 1 mL Internally Threaded Tubes Box Dimensions: 3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	Rack Model No.	1950639	1950639	1950639	1950639
		Freezer Rack Dimensions W x H x D	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)
		Tubes/Box	96	96	96	96
		Boxes/Rack	28	28	28	28
		Racks/Shelf	3	4	5	6
		Racks/Freezer	15	20	25	30
		Tubes/Freezer	40,320	53,760	67,200	80,640
3740, 3741, 3742 (including color options)	Matrix 1 mL 2D Internally Threaded Screw Top Tubes Box Dimensions: 3.365 x 5.03 x 2.3 in. (8.5 x 12.8 x 5.8 cm)	Rack Model No.	1950798	1950798	1950798	1950798
		Freezer Rack Dimensions W x H x D	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)
		Tubes/Box	96	96	96	96
		Boxes/Rack	21	21	21	21
		Racks/Shelf	3	4	5	6
		Racks/Freezer	15	20	25	30
		Tubes/Freezer	30,240	40,320	50,400	60,480

Sliding Drawer Racks for Matrix and Cryobank Tubes

Racks work with all Thermo Scientific™ Matrix™ and Nunc™ Cryobank Tubes

		For Model Series	RDE30086	RDE40086	RDE50086	RDE60086
1.4 mL Capacity Tubes						
3791, 3792, 4890	Matrix 1.4 mL 2D Open Top Tubes	Rack Model No.	1950639	1950639	1950639	1950639
	Box Dimensions: 3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	Freezer Rack Dimensions W x H x D	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)
3801, 4890	1.4 mL 2D Tubes with Installed DuraSeal Seal	Tubes/Box	96	96	96	96
	Box Dimensions: 3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	Boxes/Rack	28	28	28	28
3711, 3112, 4890	Matrix 1.4 mL Human Readable Open Top Tubes	Racks/Shelf	3	4	5	6
	Box Dimensions: 3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	Racks/Freezer	15	20	25	30
		Tubes/Freezer	40,320	53,760	67,200	80,640
1.8 to 2 mL Capacity Tubes						
374500, 374501	Nunc 1.8 mL Externally Threaded Universal Tubes	Rack Model No.	1950639	1950639	1950639	1950639
	Box Dimensions: 3.365 x 5.03 x 2.15 in. (8.5 x 12.8 x 5.5 cm)	Freezer Rack Dimensions W x H x D	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)
374221, 374223	Nunc Cryobank 2 mL Internally Threaded Tubes	Tubes/Box	48	48	48	48
	Box Dimension: 3.365 x 5.03 x 2.15 in. (8.5 x 12.8 x 5.5 cm)	Boxes/Rack	28	28	28	28
		Racks/Shelf	3	4	5	6
		Racks/Freezer	15	20	25	30
		Tubes/Freezer	20,160	26,880	33,600	40,320
5 mL Capacity Tubes						
374220, 374222	Nunc Cryobank 5 mL Internally Threaded Tubes	Rack Model No.	1950818	1950818	1950818	1950818
	Box Dimensions: 3.365 x 5.03 x 3.78 in. (8.5 x 12.8 x 9.6 cm)	Freezer Rack Dimensions W x H x D	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)	5.5 x 9.5 x 26.96 in. (14 x 24 x 68.5 cm)
		Tubes/Box	48	48	48	48
		Boxes/Rack	14	14	14	14
		Racks/Shelf	3	4	5	6
		Racks/Freezer	15	20	25	30
		Tubes/Freezer	10,080	13,440	16,800	20,160

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