NEW! Thermo Scientific[™] Revco[™] RLE Series Ultra-Low Freezers



Dependable -80°C storage with energy-savings and sustainability features

- **Low peak variation** helps ensure sample protection throughout entire cabinet
- **Fast door opening recovery** in as little as 13 minutes
- 0.93°C steady-state temperature variation over time
- Long warm-up time from -80°C to -50°C in 5 hours
- Long warm-up time from -80°C to -50°C in 5 hours
- Water-cooled condenser option: reduces heat output by almost 60%***



Designed to keep your samples safe

- Worry-free storage. With low peak variation, samples are protected throughout the entire cabinet.¹
- Records temperature and events
- Backed by our Global Service and Support Team

Limit environmental impact and lower HVAC costs

- Uses as low as 9.4 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

- Completely new freezer and user interface.
- Quiet enough to reside directly in the laboratory. At just 50 dBA, the sound is comparable to a home refrigerator.²



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. *} ENERGY STAR certified on select models

^{4. ***}Water-cooled condenser option available on 230V/50Hz, 400-600 box capacity models and 208-230V/60Hz, 600 box capacity only.

User friendly touch-screen interface and cabinet

Easy-to-use set-up wizard, event log, temperature mapping and data downloads

Capacitive touch even when using latex gloves

Touch-screen datalogging and temperature mapping eliminates the need for a separate chart recorder

Built-in USB port for exporting data

Advanced security features: alarm settings, padlock-compatible doors and optional access card entry

Ergonomic design: comfortable door handle, eye-level touch-screen 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 I	Freeze	rs (-50°	C to -86°C)					
	Capacity				Max. Shelf			Shipping
Model Number	cu. ft. (liters)	2" cryobox	Electrical	Amps / Breaker (Plug)	Weight lbs (kg)	Interior Dimensions H x W x D in (cm)	Exterior Dimensions H x W* x D in (cm)	Weight Ibs (kg)
RLE30086A	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 37.8	712
RLE30086D	(422)	300	208-230V / 60Hz	5.6/15 (NEMA 6-15)	(57)	(130.1 x 45.2 x 71.9)	(198.1 x 58.4 x 96)	(323)
RLE40086A	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 37.8	687
RLE40086D	(549)	400	208-230V / 60Hz	5.9/15 (NEMA 6-15)	(75)	(130.1 x 58.8 x 71.9)	(198.1 x 71.9 x 96)	(312)
RLE50086A	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 37.8**	734
RLE50086D	(682)	500	208-230V / 60Hz	5.0/15 (NEMA 6-15)	(93)	(130.1 x 73.0 x 71.9)	(198.1 x 86.4 x 96)	(333)
RLE60086A	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 37.8**	820
RLE60086D	(816)	600	208-230V / 60Hz	6.2/15 (NEMA 6-15)	(111)	(130.1 x 87.3 x 71.9)	(198.1 x 100.6 x 96)	(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 RLE50086 and RLE60086



Performance Data									
Model Number	Energy Consumption (kW-hr/day)* Standard Mode	Peak Variation from -80°C setpoint (°C)**	Door Opening Recovery (minutes)	Warm Up Time (-80°C to -50°C) (minutes)***	Noise Level (dBA)				
RLE30086	9.4	+8.5 / -2.4	13	254	52				
RLE40086	9.8	+8.7 / -1.2	15	262	52				
RLE50086	10.8	+6.6 / -1.0	21	258	50				
RLE60086	11.5	+6.5 / -0.8	26	300	50				

^{*} Energy Calculation: Typical freezer data based on internal testing with freezer setpoint at -80°C and ambient temperature at 20°C

^{***} Warm Up Time: Typical freezer data based on internal testing with freezer setpoint at -80°C and ambient temperature at 20°C



^{**} Peak Variation From Setpoint: Typical freezer data based on internal testing with freezer setpoint at -80°C and ambient temperature at 20°C

Thermo Scientific™ Revco™ RLE Series Ultra-Low Freezers

Options and Accessories (Field Installed must be installed by a qualified professional)

Options	Installation	RLE30086	RLE40086	RLE50086	RLE60086
LN2 Backup System	Factory Installed	N/A	LN4567	LN4567	LN4567
Maintains temperature down to -80°C with liquid nitrogen. Models for RLE300 are stand alone.	Field Installed	FLN300V* FLN300W**	FLN4567LE	FLN4567LE	FLN4567LE
CO2 Backup System	Factory Installed	N/A	CO4567	CO4567	CO4567
Maintains temperature down to -67°C with CO2. Models for RLE300 are stand alone.	Field Installed	FCO300V* FCO300W**	FCO4567LE	FCO4567LE	FCO4567LE
Chart Recorder (Inkless)	Factory Installed	N/A	CR4567	CR4567	CR4567
6" (15.2 cm), seven day inkless recorder, -115° to +50°C, +5°C resolution	Field Installed	N/A	FCR400LE	FCR500LE	FCR600LE
Chart Recorder (Ink)	Factory Installed	N/A	CRP4567	CRP4567	CRP4567
6" (15.2 cm), seven day inkless recorder, -115° to +50°C, +5°C resolution	Field Installed	6383-6V* 6383-6W**	FCRP400LE	FCRP500LE	FCRP600LE
Access Key Option Card	Factory Installed	RAC34567	RAC34567	RAC34567	RAC34567
Access control. Includes five key cards. Supports ISO15693 and ISO14443 protocols.	Field Installed	FAC34567LE	FAC34567LE	FAC34567LE	FAC34567LE
Stainless Steel Freezer Interior	Factory Installed	SS34567	SS34567	SS34567	SS34567
Twist Lock Plug	Factory Installed	US230V15ATL	US230V15ATL	US230V15ATL	US230V15ATL
NEMA L6-15P for 208-230V / 60Hz	Field Installed	TL230V15A	TL230V15A	TL230V15A	TL230V15A
Twist Lock Plug	Factory Installed	US230V20ATL	US230V20ATL	US230V20ATL	US230V20ATL
NEMA L6-20P for 208-230V / 60Hz	Field Installed	TL230V20A	TL230V20A	TL230V20A	TL230V20A
Water-Cooled Condenser Option***	Factory Installed	N/A	WC34567	WC34567	WC34567

Accessories	RLE30086	RLE40086	RLE50086	RLE60086
Access Key Pack: Includes five key cards.	ACE34567	ACE34567	ACE34567	ACE34567
Shelf Kit: Includes one shelf and shelf support clips	SK300	SK400	SK500	SK600
Chart Paper Ink (Pack of 50)	17020	17020	17020	17020
Chart Paper Inkless (Pack of 50)	N/A	6185	6185	6185
Replacement Air Filter	AF34567LE	AF34567LE	AF34567LE	AF34567LE
Replacement Back-Up Battery	400159	400159	400159	400159
Alarm Delay Module: Eliminates nuisance alarms due to intermittent or transitory conditions. Adjustable delaly requires alarm condition to exist for user defined period before signal is released to monitoring system.	6903	6903	6903	6903
Cryo Gloves Medium	4425	4425	4425	4425
Cryo Gloves Large	4426	4426	4426	4426
Seismic Restraint Kit	TF-ULT300	TF-ULT400	TF-ULT500	TF-ULT600

^{*}V = 230V/50Hz (European plug)

capacity models and 208-230V/60Hz, 600 box capacity only.





^{**}W = 230V/50Hz (UK plug)

^{***}Water-cooled condenser option available on 230V/50Hz, 400-600 box

Thermo Scientific™ Revco™ RLE Series Ultra-Low Freezers

Packages

Revco RLE with two shelves of sliding drawer racks, including boxes									
Model No.	Capacity Freezer	Cubic Feet	Electrical, 60Hz	# of Racks	# of Boxes*				
RLE30086ARAK	300 box	14.9	115V	6	120				
RLE30086DRAK	300 box	14.9	208-230V	6	120				
RLE40086ARAK	400 box	19.4	115V	8	160				
RLE40086DRAK	400 box	19.4	208-230V	8	160				
RLE50086ARAK	500 box	24.1	115V	10	200				
RLE50086DRAK	500 box	24.1	208-230V	10	200				
RLE60086ARAK	600 box	28.8	115V	12	240				
RLE60086DRAK	600 box	28.8	208-230V	12	240				

Revco RLE with LN2 back-up, two shelves of sliding drawer racks, including boxes									
Model No.	Capacity Freezer	Cubic Feet	Electrical, 60Hz	# of Racks	# of Boxes*				
RLE30086ARAKLN	300 box	14.9	115V	6	120				
RLE30086DRAKLN	300 box	14.9	208-230V	6	120				
RLE40086ARAKLN	400 box	19.4	115V	8	160				
RLE40086DRAKLN	400 box	19.4	208-230V	8	160				
RLE50086ARAKLN	500 box	24.1	115V	10	200				
RLE50086DRAKLN	500 box	24.1	208-230V	10	200				
RLE60086ARAKLN	600 box	28.8	115V	12	240				
RLE60086DRAKLN	600 box	28.8	208-230V	12	240				

Revco RLE with factory-installed CO2 back-up, two shelves of sliding drawer racks, including boxes									
Model No.	Capacity Freezer	Cubic Feet	Electrical, 60Hz	# of Racks	# of Boxes*				
RLE30086ARAKCO	300 box	14.9	115V	6	120				
RLE30086DRAKCO	300 box	14.9	208-230V	6	120				
RLE40086ARAKCO	400 box	19.4	115V	8	160				
RLE40086DRAKCO	400 box	19.4	208-230V	8	160				
RLE50086ARAKCO	500 box	24.1	115V	10	200				
RLE50086DRAKCO	500 box	24.1	208-230V	10	200				
RLE60086ARAKCO	600 box	28.8	115V	12	240				
RLE60086DRAKCO	600 box	28.8	208-230V	12	240				

Revco RLE with factory-installed chart recorder, two shelves of sliding drawer racks, including boxes									
Model No.	Capacity Freezer	Cubic Feet	Electrical, 60Hz	# of Racks	# of Boxes*				
RLE30086ARAKCR	300 box	14.9	115V	6	120				
RLE30086DRAKCR	300 box	14.9	208-230V	6	120				
RLE40086ARAKCR	400 box	19.4	115V	8	160				
RLE40086DRAKCR	400 box	19.4	208-230V	8	160				
RLE50086ARAKCR	500 box	24.1	115V	10	200				
RLE50086DRAKCR	500 box	24.1	208-230V	10	200				
RLE60086ARAKCR	600 box	28.8	115V	12	240				
RLE60086DRAKCR	600 box	28.8	208-230V	12	240				

Revco RLE with factory-installed access card, two shelves of sliding drawer racks, including boxes									
Model No.	Capacity Freezer	Cubic Feet	Electrical, 60Hz	# of Racks	# of Boxes*				
RLE30086ARAKHID	300 box	14.9	115V	6	120				
RLE30086DRAKHID	300 box	14.9	208-230V	6	120				
RLE40086ARAKHID	400 box	19.4	115V	8	160				
RLE40086DRAKHID	400 box	19.4	208-230V	8	160				
RLE50086ARAKHID	500 box	24.1	115V	10	200				
RLE50086DRAKHID	500 box	24.1	208-230V	10	200				
RLE60086ARAKHID	600 box	28.8	115V	12	240				
RLE60086DRAKHID	600 box	28.8	208-230V	12	240				

 $^{^{*}2\}text{-inch}$ fiberboard boxes with 100-count cell dividers



Thermo Scientific™ Revco™ RLE Series Ultra-Low Freezers

Racks for Boxes and Microplates

Racks for 2" (5.08 cm) Boxes									
2" Box Racks	Model No.	Description	Dimensions H x W x D in. (cm)	Storage	RLE300	RLE400	RLE500	RLE600	
***		Sliding Drawer Rack	9.5 x 5.5 x 26.9 (24 x 14 x 68.3)	Boxes Per Rack	20	20	20	20	
	398329			Racks Per Shelf	3	4	5	6	
				Racks Per Freezer	15	20	25	30	
				Boxes Per Freezer	300	400	500	600	
				Boxes Per Rack	20	20	20	20	
	1050510	Adjustable Side	9.4 x 5.4 x 26.75	Racks Per Shelf	3	4	5	6	
T. C.	1950518	Access Rack	(23.9 x 13.7 x 67.9)	Racks Per Freezer	15	20	25	30	
				Boxes Per Freezer	300	400	500	600	

Racks for 3" (7.62 cm) Boxes									
3" Box Racks	Model No.	Description	Dimensions H x W x D in. (cm)	Storage	RLE300	RLE400	RLE500	RLE600	
	398328	Sliding Drawer Rack	9.5 x 5.5 x 26.9 (24 x 14 x 68.3)	Boxes Per Rack	15	15	15	15	
				Racks Per Shelf	3	4	5	6	
N				Racks Per Freezer	15	20	25	30	
CIA.				Boxes Per Freezer	225	300	375	450	

Racking Shelf Kits								
Description	Storage	RLE300	RLE400	RLE500	RLE600			
	Model No.	RSK300SD5	RSK400SD5	RSK500SD5	RSK600SD5			
Sliding Drawer Racks and 2" Boxes with 100 Count Cell Dividers (fits one shelf)	Racks Included	3	4	5	6			
(5 5)	Boxes Included	60	80	100	120			

Microplate Racks									
Microplate Racks	Model No.	Description	Dimensions H x W x D in. (cm)	Storage	RLE300	RLE400	RLE500	RLE600	
	398322	Side Access Rack with Locking Rod for Standard or Deepwell	9.4 x 5.5 x 25.7 (23.9 x 14 x 65.3)	Plates Per Rack	98	98	98	98	
				Racks Per Shelf	3	4	5	6	
				Racks Per Freezer	15	20	25	30	
				Plates Per Freezer	1470	1960	2450	2940	



Thermo Scientific™ Revco™ RLE Series Ultra-Low Freezers

Boxes and Dividers

Model No.	Description	# of Dividers	Quantity	Color
5026-0909	Thermo Scientific™ Nalgene™ polycarbonate 2" (5.08 cm) box for 1.2-2.0 mL vials	81	24	white
5954	2" (5.08 cm) fiberboard box	0	12	white
820002	2" (5.08 cm) fiberboard box	81	1	white
820109	2" (5.08 cm) fiberboard box	100	1	white
5956	3" (7.62 cm) fiberboard box	0	12	white
820003	3" (7.62 cm) fiberboard box	81	1	white
1950878	2" (5.08 cm) fiberboard box	0	12	multiple
1950879	2" (5.08 cm) fiberboard box	0	12	pink
1950880	2" (5.08 cm) fiberboard box	0	12	red
1950881	2" (5.08 cm) fiberboard box	0	12	yellow
1950882	2" (5.08 cm) fiberboard box	0	12	green
1950883	2" (5.08 cm) fiberboard box	0	12	blue
1950884	2" (5.08 cm) fiberboard box	0	12	black

Fiberboard Dividers

Model No.	Description	Quantity/Case
5958	Grid dividers for 100 12mm vials	12
6212	Grid dividers for 81 13mm vials	12
5960	Grid dividers for 64 14mm vials	12
5959	Grid dividers for 49 16mm vials	12

Vials and Tubes

Model No.	Description	Quantity/Case
377267	Thermo Scientific™ Nunc™ 1.8mL screw-top round-bottom vials with internal threading	1,800

Visit thermofisher.com for additional vials, tubes and sample storage consumables



Thermo Scientific™ Revco™ RLE Series Ultra-Low Freezers

Sliding Drawer Racks for Matrix and Cryobank Tubes

		Freezer Model	RLE300	RLE400	RLE500	RLE600
200 μL Cap	pacity Tubes					
		Rack Model No	1950786	1950786	1950786	1950786
	Thermo Scientific™ Matrix™ 200 µL 2D	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)
3747, 3748,	Internally-threaded Universal Tubes	Tubes per Box	96	96	96	96
4988	Box Dimension:	Boxes Per Rack	42	42	42	42
	3.365 x 5.03 x 1.082 in.	Racks Per Shelf	3	4	5	6
	(8.5 x 12.8 x 2.75 cm)	Racks Per Freezer	15	20	25	30
		Tubes Per Freezer	60,480	80,640	100,800	120,960
500 μL Ca	pacity Tubes					
	Thermo Scientific	Rack Model No	1950786	1950786	1950786	1950786
3734, 3735, 4898	Matrix 500 μL 2D Open Top Tubes Box Dimension: 3.365 x 5.03 x 1.022 in. (8.5 x 12.8 x 2.6 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)
	Thermo Scientific™ Matrix™ 200 µL 2D with Duraseals Installed Internally-threaded Universal Tubes Box Dimension: 3.365 x 5.03 x 1.082 in.	Tubes per Box	96	96	96	96
0700		Boxes Per Rack	42	42	42	42
3736, 3737,		Racks Per Shelf	3	4	5	6
4899		Racks Per Freezer	15	20	25	30
	(8.5 x 12.8 x 2.75 cm)	Tubes Per Freezer	60,480	80,640	100,800	120,960
	Thermo Scientific	Rack Model No	1950786	1950786	1950786	1950786
374086, 374087 (including color options)	Nunc™ Cryobank™ 500 µl Internally Threaded Tubes Box Dimension: 3.365 x 5.03 x 1.394 in. (8.5 x 12.8 x 3.5 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)
	Thermo Scientific	Tubes per Box	96	96	96	96
3743, 3744, 3745 (including	Matrix 500 µL 2D	Boxes Per Rack	42	42	42	42
	Internally Threaded ScrewTop Tubes	Racks Per Shelf	3	4	5	6
color options)	Box Dimension: 3.365 x 5.03 x 1.745 in. (8.5 x 12.8 x 4.4 cm)	Racks Per Freezer	15	20	25	30
οριίσι ίδη		Tubes Per Freezer	60,480	80,640	100,800	120,960



Thermo Scientific™ Revco™ RLE Series Ultra-Low Freezers

Sliding Drawer Racks for Matrix and Cryobank Tubes

		Freezer Model	RLE300	RLE400	RLE500	RLE600			
750 μL Capacity Tubes									
3731, 3732, 4896	Thermo Scientific Matrix 750 µL 2D Open Top Tubes Box Dimension: 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)			
		Tubes per Box	96	96	96	96			
	Thermo Scientific Matrix 750 µL 2D Tubes	Boxes Per Rack	28	28	28	28			
3729, 4896	with Duraseals Installed Box Dimension:	Racks Per Shelf	3	4	5	6			
	3.365 x 5.03 x 1.55 in. (8.5 x 12.8 x 3.9 cm)	Racks Per Freezer	15	20	25	30			
	(6.6 % 12.6 % 6.6 6.1.)	Tubes Per Freezer	40,320	53,760	67,200	80,640			
1.0 mL Ca	pacity Tubes								
		Rack Model No	1950639	1950639	1950639	1950639			
374088,	Thermo Scientific Nunc Cryobank 1.0 mL Internally Threaded Tubes Box Dimension:	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)			
374089 (including		Tubes per Box	96	96	96	96			
color		Boxes Per Rack	28	28	28	28			
options)	3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	Racks Per Shelf	3	4	5	6			
	(0.0 x 12.0 x 4.9 011)	Racks Per Freezer	15	20	25	30			
		Tubes Per Freezer	40,320	53,760	67,200	80,640			
		Rack Model No	1950798	1950798	1950798	1950798			
3740, 3741, 3742	Thermo Scientific Matrix 1.0mL 2D	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)			
	Internally Threaded ScrewTop Tubes	Tubes per Box	96	96	96	96			
(including color	Box Dimension: 3.365 x 5.03 x 2.3 in. (8.5 x 12.8 x 5.8 cm)	Boxes Per Rack	21	21	21	21			
options)		Racks Per Shelf	3	4	5	6			
		Racks Per Freezer	15	20	25	30			
		Tubes Per Freezer	30,240	40,320	50,400	60,480			



Thermo Scientific™ Revco™ RLE Series Ultra-Low Freezers

Sliding Drawer Racks for Matrix and Cryobank Tubes

		Freezer Model	RLE300	RLE400	RLE500	RLE600	
1.4 mL Capacity Tubes							
	Thermo Scientific	Rack Model No	1950639	1950639	1950639	1950639	
3791, 3792, 4890	Matrix 1.4ml 2D Open Top Tubes Box Dimension: 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,	Thermo Scientific Matrix 1.4mL 2D Tubes with Duraseals Installed	Tubes per Box	96	96	96	96	
4890	Box Dimension: 3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	Boxes Per Rack	28	28	28	28	
	Thermo Scientific Matrix 1.4ml Human	Racks Per Shelf	3	4	5	6	
3711, 3112, 4890	Readable Open Top Tubes Installed Box Dimension:	Racks Per Freezer	15	20	25	30	
	3.365 x 5.03 x 1.92 in. (8.5 x 12.8 x 4.9 cm)	Tubes Per Freezer	40,320	53,760	67,200	80,640	
1.8 to 2.0 m	L Capacity Tubes						
	Thermo Scientific	Rack Model No	1950639	1950639	1950639	1950639	
374500, 374501	Nunc 1.8 mL Externally-threaded Universal Tubes Box Dimension: 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)	
	Thermo Scientific	Tubes per Box	48	48	48	48	
	Nunc Cryobank 2.0 ml Internally Threaded Tubes Box Dimension: 3.365 x 5.03 x 2.15 in. (8.5 x 12.8 x 5.5 cm)	Boxes Per Rack	28	28	28	28	
374221, 374223		Racks Per Shelf	3	4	5	6	
0220		Racks Per Freezer	15	20	25	30	
		Tubes Per Freezer	20,160	26,880	33,600	40,320	
5.0 mL Ca	pacity Tubes						
		Rack Model No	1950818	1950818	1950818	1950818	
	Thermo Scientific Nunc Cryobank 5.0 ml Internally Threaded Tubes Box Dimension: 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)	
374220,		Tubes per Box	48	48	48	48	
374222		Boxes Per Rack	14	14	14	14	
		Racks Per Shelf	3	4	5	6	
		Racks Per Freezer	15	20	25	30	
		Tubes Per Freezer	10,080	13,440	16,800	20,160	



