



Ultra Cold Chest Freezers



UC 1370



UC 2050

Kelvinator Scientific Ultra Cold freezers combine time-proven refrigeration systems with new HFC refrigerants and tightly constructed cabinets with basic controls to provide the best value in ultra-low temperature storage. Ultra Cold freezers are well-suited to applications which require stable temperatures for long-term storage. And Ultra Cold freezers are available with a variety of accessories and options to conveniently meet your needs.

All Kelvinator freezers are built to UL and CSA standards for safety and performance. All electrical connections should be made in accordance with local codes. If you should need special voltage selections, please specify when ordering, so that Kelvinator can respond with availability and prices.

Kelvinator Scientific XL Ultra Cold freezers offer the perfect balance of standard features and optional enhancements to suit your application. When we add microprocessor controls with extra large digital temperature display, tamper-resistant touchpad entry, reliable alarm and monitor systems, and powerful, quiet-running refrigeration systems to the standard Ultra Cold features, you receive an added measure of performance dependability from your Kelvinator freezer.

STANDARD FEATURES:

- Convenient on-hand positive closure assures tight seal against lid gaskets to eliminate frost build-up.
- Key lock integrated into door latch for security.
- Multiple sub lids for effective thermal break.
- Full length outer lid handle.
- Industrial-grade hermetically sealed refrigeration compressors.
- All-steel cabinet with high-impact epoxy finish for easy cleaning.
- Built-In access port 1" diameter.
- Solid-state, adjustable temperature controller, recessed to prevent tampering.
- Digital temperature display, resolution to within 1°C.
- Key-operated main power ON/OFF switch.
- Minimum 5" foamed-in-place urethane insulation, CFC-free, to protect product against high ambient conditions.
- Recessed, heavy-duty casters.
- Anti-roll brakes.
- Clean Filter Indicator.
- Automatic Alarm System.
- Voltage Boost.

NATIONAL REFRIGERATION COMPANY

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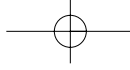
Project:

Quantity:

Item#:

Model Specified:

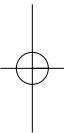
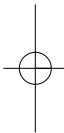
Approval: _____



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TECHNICAL DATA

Domestic Models	UC1030	UC1370	UC1710	UC2050	UC310	UC1030XL	UC1370XL	UC1710XL	UC2050XL	UC310XL
International Models	UC1031	UC1371	UC1711	UC2051	UC311	UC1031XL	UC1371XL	UC1711XL	UC2051XL	UC311XL
Capacity: (Cu. Ft.)	10.3	13.7	17.1	20.5	3.1	10.3	13.7	17.1	20.5	3.1
(Liters)	292	388	484	580	88	292	388	484	580	88
Temperature Range	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C	-40°C to -86°C
Exterior: (in.) HxWxD	41x60.25x29	41x72x29	41x83.75x29	41x95.5x29	45.5x27x29	41x60.25x29	41x72x29	41x83.75x29	41x95.5x29	45.5x27x29
(cm.)	104x153x73.7	104x182.9x73.7	104x212.7x73.7	104x242.6x73.7	115.6x68.6x73.7	104x153x73.7	104x182.9x73.7	104x212.7x73.7	104x242.6x73.7	115.6x68.6x73.7
Interior: (in.) HxWxD	26.5x35.25x19	26.5x47x19	26.5x58.75x19	26.5x70.5x19	17x17x19	26.5x35.25x19	26.5x47x19	26.5x58.75x19	26.5x70.5x19	17x17x19
(cm.)	67.3x89.5x48.3	67.3x119.4x48.3	67.3x149x48.3	7.3x179.1x48.3	43.2x43.2x48.3	67.3x89.5x48.3	67.3x119.4x48.3	67.3x149x48.3	7.3x179.1x48.3	43.2x43.2x48.3
Lids, Solid: Exterior	One	One	One	One	One	One	One	One	One	One
Interior	(2) Sublids	(3) Sublids	(3) Sublids	(3) Sublids	One	(2) Sublids	(3) Sublids	(3) Sublids	(3) Sublids	One
Shelves:	None	None	None	None	None	None	None	None	None	None
Access Porthole:	1" Diameter	1" Diameter	1" Diameter	1" Diameter	1" Diameter	1" Diameter	1" Diameter	1" Diameter	1" Diameter	1" Diameter
Insulation:	5" urethane	5" urethane	5" urethane	5" urethane	5" urethane	5" urethane	5" urethane	5" urethane	5" urethane	5" urethane
Refrigerant:	R404a/R134a, R23	R404a/R134a, R23	R404a/R134a, R23	R404a/R134a, R23	R404a/R134a, R23	R404a/R134a, R23	R404a/R134a, R23	R404a/R134a, R23	R404a/R134a, R23	R404a/R134a, R23
Compressor:	(2) 1 HP	(2) 1 HP	(2) 1 HP	(2) 1 HP	(2) 1 HP	(2) 1 HP	(2) 1 HP	(2) 1 HP	(2) 1 HP	(2) 1 HP
Condenser: (high stage)	← Air Over Condenser →									
(low stage)	← Inner Stage Cascade Condenser →									
Air Circulation:	None	None	None	None	None	None	None	None	None	None
Refrigeration Control:	Electronic	Electronic	Electronic	Electronic	Electronic	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Evaporator: (high stage)	← Inner Stage Cascade Condenser →									
(low stage)	← Cold Wall Evaporator →									
Thermostat:	Electronic	Electronic	Electronic	Electronic	Electronic	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Voltage: Domestic	A=115/1/60	A=115/1/60	A=115/1/60	A=115/1/60	A=115/1/60	A=115/1/60	A=115/1/60	A=115/1/60	A=115/1/60	A=115/1/60
Domestic	D=208/230	D=208/230	D=208/230	D=208/230	D=208-230/60/1	D=208/230	D=208/230	D=208/230	D=208/230	D=208-230/60/1
International	V=220/1/50	V=220/1/50	V=220/1/50	V=220/1/50	V=220/1/50	V=220/1/50	V=220/1/50	V=220/1/50	V=220/1/50	V=220/1/50
Running Amps:	A=15.2	A=15.2	A=16.0	A=16.0	A=16.0	A=15.2	A=15.2	A=16.0	A=16.0	A=16.0
	D=10.7	D=10.7	D=10.7	D=10.7	D=11.2	D=10.7	D=10.7	D=10.7	D=10.7	D=11.2
	V=10.7	V=10.7	V=10.7	V=10.7	V=11.2	V=10.7	V=10.7	V=10.7	V=10.7	V=11.2
Supply Plug	A=20 amp	A=20 amp	A=20 amp	A=20 amp	A=20 amp	A=20 amp	A=20 amp	A=20 amp	A=20 amp	A=20 amp
(Breaker)	D=15 amp	D=15 amp	D=15 amp	D=15 amp	D=15 amp	D=15 amp	D=15 amp	D=15 amp	D=15 amp	D=15 amp
	V=15 amp	V=15 amp	V=15 amp	V=15 amp	V=15 amp	V=15 amp	V=15 amp	V=15 amp	V=15 amp	V=15 amp
Shipping Weight:										
Domestic (lbs./kgs.)	680/308	725/329	845/383	915/415	435/198	680/308	725/329	845/383	915/415	435/198
International (lbs./kgs.)	740/336	840/381	975/442	1000/454	510/232	740/336	840/381	975/442	1000/454	510/232



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