



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.

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

Undercounter Refrigerators/Freezers & Chest Freezers



TECHNICAL DATA	MODEL	UC 540	UC 1140
	Capacity	4.6 Cu.Ft.	12.0 Cu.Ft.
	Temperature Range	100% Run Time...-45°C	100% Run Time...-42°C
	Exterior Dimensions	38 3/8"x 25 5/8"x 28 1/4"	38 3/8"x 46 1/2"x 28 1/4"
	Interior Dimensions	19 1/2"x 21"x 21 1/2"	19 1/2"x 41 3/4"x 21 1/2"
	Legs	None	None
	Shelves	None	None
	Interior Lighting	None	None
	Insulation	2"Urethane Walls	2"Urethane Walls
	Refrigerant	R404A	R404A
	Condenser	Forced Air / Bare Tube	Forced Air /Bare Tube
	Refrigerant Control	Capillary Tube	Capillary Tube
	Alarm	Hi-Temp Battery Operated	Hi-Temp, Battery Operated
	Evaporator	Cold Wall	Cold Wall
	Thermostat	N/A - 100% Run	N/A - 100% Run
	Defrost	Manual	Manual
Voltage	115V/60HZ/1PH	115V/60HZ/1PH	
Running Amps	2.7 Amps	4.9 Amps	
Supply Plug	15 Amp	15 Amp	
Weight	225 Lbs.	345 Lbs.	

TECHNICAL DATA	USA Model	BT450	BT650	BT660	BT680	
	Export Model	ETBT450				ETBT680
	Capacity: (cu.Fl.)	4.5	5.3 (R)/0.7 (F)	6.1	6.1	
	(litres)	127.5	150 (R)/20 (F)	172.8	172.8	
	Temperature Range:	-20°C to -23°C,5°F to -10°F	0°C/13°F (R),-17.8°C/0°F (F)	-6°C to 7.2°C,33°F to 45°F	-6.7°C to -12.2°C,20°F to -10°F	
	Exterior: (in.) HWD	34 1/2 x 23 7/8 x 23 3/4	34 1/2 x 23 7/8 x 23 3/4	34 1/2 x 23 7/8 x 23 3/4	34 1/2 x 23 7/8 x 23 3/4	
	(cm)	88 x 61 x 60	88 x 61 x 60	88 x 61 x 60	88 x 61 x 60	
	Interior: (in.) HWD	24 x 18 3/4 x 18	25 1/4 x 21 x 20 1/2	28 x 21 x 20	28 x 21 x 20	
	(cm)	61 x 47.6 x 45.7	64 x 53 x 52	72 x 53 x 52	71 x 53 x 52	
	Doors: Keylock	single solid	single solid	single solid	single solid	
	Legs:	glides	glides	glides	glides	
	Shelves:	2 shelves	2 shelves	2 shelves	2 shelves	
	Interior Lighting:	none	none	none	none	
	Insulation: Urethane	2 1/2"foam	1 1/8"foam	1 1/8"foam	1 1/8"foam	
	Refrigerant:	RA134A	RA134A	RA134A	RA134A	
	Compressor:	1/10 hp	1/10 hp	1/10 hp	1/10 hp	
Condenser:	fin & tube,forced air	fin & tube,forced air	fin and tube,forced air	fin and tube,forced air		
Air Circulation:	gravity	gravity	gravity	gravity		
Refrigerant Control:	capillary tube	capillary tube	capillary tube	capillary tube		
Evaporator:	plate and tube	plate and tube	plate and tube	plate and tube		
Thermostat:	adjustable	adjustable	adjustable	adjustable		
Defrost:	manual	manual	cycle	manual		
Voltage: Domestic	115/60/1	115/60/1	115/60/1	115/60/1		
Export	230/50/1	230/50/1	230/50/1	230/50/1		
Running Amps:	3.3	3.3	3.3	3.3		
Supply Plug:	5-15 NEMA	5-15 NEMA	5-15 NEMA	5-15 NEMA		
Shipping: Cubic Ft.	14.5	14.5	14.5	14.5		
Weight:(lbs.) Domestic	120	120	120	120		
Export	160	160	160	160		