

RE Refrigerators and Freezers

Refrigerators

StableTemp General-Purpose Laboratory, Safety, and Chromatography Refrigerators

Economical storage down to 1°C (34°F)

Refrigerators feature an easy-to-clean interior with epoxy-coated, steel-wire shelves that resist most acids, solvents, and chemicals. Key locked doors, four adjustable leveling legs, CFC-free refrigerant, and insulation are standard on all models. Keyed power switches, interior lighting with external switch, digital temperature displays with microprocessor temperature control, and cycle defrost are standard on all 27-cu-ft and larger models.

Single-Door Models are available with a hinged thermopane glass- or solid-door featuring cam-lift hinges that hold door open at 95° angle.

Double-Door Models are available with sliding thermopane glass doors or hinged solid doors. Sliding door models provide easy access and visual inventory control for narrow or high-traffic spaces.

Flammable Materials Models are designed to completely insulate the storage compartment from chance of electrical sparking. Top-mounted thermostats.

Explosion-Proof Models are for use in hazardous locations where explosive conditions could potentially exist external to the cold storage unit. Top-mounted thermostats.

Chromatography Models feature two 2"-dia capped access portholes in each side wall to permit insertion of thermocouples and other wiring without disturbing temperature settings. Push-button lights and circuit-breaker-protected duplex electrical receptacles simplify equipment operation and allow observation of ongoing separations.



44260-50

44260-05

44260-30



Specifications & Ordering Information

Accuracy: ±3°C

Refrigerant: CFC-free

Defrost type

Models 44260-05, -07, -08: manual

Models 44260-10 through -70: cycle

Interior light

Models 44260-10, -20: 20-watt fluorescent

Model 44260-60: 30-watt fluorescent

Models 44260-30, -40, -50, -70: 40-watt fluorescent

Lock-out control

Models 44260-10 through -70: keylocked power switches

Adjustable legs: four levelers

Power: 115 VAC, 60 Hz

Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Amps/breaker	Plug config	Shpg wt lb (kg)	Price
			Interior	Overall					
Single-door refrigerators with hinged solid door									
KH-44260-05	17 cu ft (501 L)	1 to 8°C (34 to 46°F)	27" x 52" x 18" (69 x 132 x 46 cm)	32" x 65" x 29" (81 x 165 x 74 cm)	4	12/18	5-15P	200 (91)	
KH-44260-10	27 cu ft (764 L)	1 to 8°C (34 to 46°F)	27" x 55" x 28 1/2" (69 x 140 x 72 cm)	30" x 78" x 35" (76 x 198 x 89 cm)	4 adjustable, full-width	8.5/15	5-15P	370 (169)	
Flammable materials refrigerator with single, hinged solid door									
KH-44260-07*	20.6 cu ft (608 L)	2 to 10°C (36 to 50°F)	27" x 57" x 22 1/2" (69 x 145 x 57 cm)	32" x 73" x 30" (81 x 185 x 76 cm)	4	12/15	5-15P	230 (105)	
Explosion-proof refrigerator with single, hinged solid door									
KH-44260-08	20.6 cu ft (608 L)	2 to 10°C (36 to 50°F)	27" x 57" x 22 1/2" (69 x 145 x 57 cm)	32" x 76" x 31" (81 x 193 x 79 cm)	4	12/15	5-15P	230 (105)	
Single-door refrigerator with hinged thermopane glass door									
KH-44260-20	27 cu ft (764 L)	1 to 8°C (34 to 46°F)	27" x 55" x 28 1/2" (69 x 140 x 72 cm)	30" x 78" x 35" (76 x 198 x 89 cm)	4 adjustable, full-width	8.5/15	5-15P	377 (171)	
Double-door refrigerator with hinged solid doors									
KH-44260-50	49 cu ft (1387 L)	1 to 8°C (34 to 46°F)	49" x 55" x 28 1/2" (124 x 140 x 72 cm)	52" x 78" x 35" (132 x 198 x 89 cm)	8 adjustable, half-width	10.5/15	5-15P	562 (255)	
Double-door refrigerators with sliding thermopane glass doors									
KH-44260-30	38 cu ft (934 L)	1 to 8°C (34 to 46°F)	36" x 55" x 25 1/2" (91 x 140 x 65 cm)	39" x 78" x 31 1/2" (99 x 198 x 80 cm)	8 adjustable, half-width	10.5/15	5-15P	456 (207)	
KH-44260-40	45.4 cu ft (1285 L)		49" x 55" x 26 1/2" (124 x 140 x 67 cm)	52" x 78" x 31 1/2" (132 x 198 x 80 cm)				533 (242)	
Chromatography refrigerators with double sliding thermopane glass doors									
KH-44260-60	38 cu ft (1076 L)	1 to 8°C (34 to 46°F)	40 1/2" x 55" x 25 1/2" (103 x 140 x 65 cm)	44" x 78" x 31 1/2" (112 x 198 x 80 cm)	2 adjustable, half-depth; 6 adjustable, full-depth;	16/20	5-20P (requires NEMA 5-20R receptacle)	456 (207)	
KH-44260-70	45.4 cu ft (1285 L)		49" x 55" x 26 1/2" (124 x 140 x 67 cm)	52" x 78" x 31 1/2" (132 x 198 x 80 cm)				533 (242)	

*Door warning label: "Flammable Materials Storage Refrigerator". Model 44260-07 is not CSA approved

Refrigerators and Freezers

RE

Refrigerators

General-Purpose and Safety Undercounter Refrigerators

Durable commercial cooling at an affordable price

Store heat-sensitive materials in these space-efficient refrigerators. All models have quiet, oversized refrigeration units to enable quick recovery from door openings. CFC-free refrigerant. Recessed thermostat enables flexible control. Two cabinet shelves and three door shelves (solid-door models only) maximize spatial utilization and the vacuum-formed interior has rounded corners for easy cleaning. Auto-cycle defrost. Doors are easily changed to left-side hinging.

Flammable Materials Models are designed to completely insulate the storage compartment from chance of electrical sparking. These products are listed by UL File SA7488(N).

Explosion-Proof Models are for use in hazardous locations where explosive conditions could potentially exist external to the cold storage unit. These products have a UL listing for Class 1, Group C & D applications and must be hard-wired to voltage source.

What's included: commercial power cord and plug. Explosion-proof model (44760-10) requires hard-wiring.



44760-00



Specifications & Ordering Information

Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Electrical			Shpg wt lb (kg)	Price
			Interior	Overall		VAC	Hz	Amps		
General-purpose refrigerators with solid door										
KH-44760-00	6.1 cu ft (173 L)	1 to 7°C (33 to 45°F)	21" x 28¼" x 20½" (53 x 72 x 52 cm)	23⅞" x 34" x 24" (61 x 86 x 61 cm)	2 interior, 3 door	115	60	3.3	120 (55)	
KH-44760-20	8.0 cu ft (227 L)	1 to 7°C (33 to 45°F)	27" x 28¼" x 20½" (69 x 72 x 52 cm)	29⅞" x 34" x 24" (76 x 86 x 61 cm)	2 interior, 3 door	115	60	3.3	135 (61)	
General-purpose refrigerator with glass door										
KH-44760-15	6.1 cu ft (173 L)	1 to 7°C (33 to 45°F)	21" x 28¼" x 20½" (53 x 72 x 52 cm)	23⅞" x 34" x 24" (61 x 86 x 61 cm)	2 interior	115	60	3.3	120 (55)	
Flammable materials refrigerator with solid door										
KH-44760-05	6.1 cu ft (173 L)	1 to 7°C (33 to 45°F)	21" x 28¼" x 20½" (53 x 72 x 52 cm)	23⅞" x 34" x 26" (61 x 86 x 66 cm)	2 interior 3 door	115	60	3.3	120 (55)	
Explosion-proof refrigerator with solid door										
KH-44760-10	6.1 cu ft (173 L)	1 to 7°C (33 to 45°F)	21" x 28¼" x 20½" (53 x 72 x 52 cm)	23⅞" x 34" x 26" (61 x 86 x 66 cm)	2 interior 3 door	115	60	3.3	120 (55)	

General-Purpose and Safety Refrigerators

Designed to meet most laboratory requirements

Undercounter Refrigerators feature adjustable hydraulic thermostat control and key lock. UL-listed.

Explosion-Proof Undercounter Model 44200-20 is for use in hazardous locations where explosive conditions could potentially exist external to the cold storage unit. Top-mounted thermostats.

Flammable Materials Undercounter Model 44201-20 is designed to completely insulate the storage compartment from chance of electrical sparking. Top-mounted thermostats.

Upright Refrigerators feature adjustable hydraulic thermostat control, door lock, and include a storage basket.

All refrigerators feature CFC-free insulation and coolant.

Upright
refrigerator
44202-30



Specifications & Ordering Information

Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Power			Shpg wt lb (kg)	Price
			Interior	Overall		VAC	Hz	Watts		
Undercounter refrigerators (44200-20 explosion-proof and 44201-20 flammable materials)										
KH-44200-20*	5.6 cu ft (159 L)	2 to 7°C (36 to 45°F)	19" x 27½" x 13" (48 x 70 x 33 cm)	23½" x 33⅓" x 23¾" (60 x 85 x 60 cm)	3	120	60	160	120 (54.5)	
KH-44201-20†						240	50			
KH-44202-00						120	60			
KH-44202-05						240	50			
Upright refrigerator										
KH-44202-30	20 cu ft (566 L)	-5 to 15°C (23 to 59°F)	27" x 57" x 17¾" (69 x 145 x 46 cm)	32" x 71" x 28½" (81 x 180 x 72 cm)	5	120	60	480	280 (127)	
KH-44202-35						240	50			

*Model 44200-20 is explosion proof. †Model 44201-20 is designed for flammable materials.

RE Refrigerators and Freezers

Refrigerators





Laboratory Refrigerators

Maintain uniform temperature stability—even with sporadic door openings!

Exclusive IntrLogic™ control simplifies operation and improves temperature consistency. These refrigerators feature heavy-duty, hermetically sealed compressors with extra sound insulation to minimize noise. Compressors use environmentally safe CFC-free refrigerant. Positive, forced-air circulation maintains temperature uniformity at all shelf levels.

Key-operated on/off switch gives added protection against tampering. Audible and visual alarms alert in case of open door, low battery, system maintenance, or power failure. The refrigerators also feature zinc-plated open wire shelves that are adjustable in 1" increments.

What's included: power cord (see plug configurations in table).

Plug configurations			
			
5-15P NEMA	5-20P NEMA	6-15P NEMA	Euro- pean



44185-10

Specifications & Ordering Information

Accuracy: ±1°C

Temperature display: two-digit LED

Alarm: audible and visual with high and low set points

Power cord: see ordering table below

Construction: heavy-gauge steel



Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Power					Shpg wt lb (kg)	Price
			Interior	Overall		VAC	Hz	Amps	Breaker	Plug		
Undercounter refrigerator (single door)												
KH-44185-02	4.9 cu ft (133 L)	1 to 8°C (34 to 46°F)	20" x 20" x 20½"	24" x 33¾" x 26"	2	115	60	8	15A	P1	212 (96)	
Space-save refrigerator (single door)												
KH-44185-10	11.5 cu ft (326 L)	1 to 8°C (34 to 46°F)	20" x 52½" x 21¾"	24" x 72" x 28¾"	4	115	60	9.4	15A	P1	280 (127)	
KH-44185-15			(51 x 133 x 55 cm)	(61 x 183 x 74 cm)		208/230	60	6.0	15A	P4		
Upright refrigerator (single door)												
KH-44185-20	23.3 cu ft (659 L)	1 to 8°C (34 to 46°F)	24" x 58" x 29"	28" x 77½" x 35½"	4	115	60	9.4	15A	P1	425 (193)	
KH-44185-25			(61 x 148 x 74 cm)	(72 x 197 x 91 cm)		208/230	50	6.0	15A	P4		
Upright refrigerator (double door)												
KH-44185-30	51.1 cu ft (1447 L)	1 to 8°C (34 to 46°F)	52½" x 58" x 29"	56½" x 77½" x 35½"	8	115	60	15.0	20A	P2	640 (290)	
KH-44185-35			(133 x 146 x 74 cm)	(144 x 197 x 91 cm)		220	50	8.5	15A	P7		

KH-44185-50 Chart recorder; factory installed, 6", 7-day circular chart recorder. Box of 50 charts included. Order with freezer

KH-44185-51 Stand-alone chart recorder; 6", 7-day circular chart recorder. Box of 50 charts included

KH-44185-52 Replacement chart paper. Box of 50

Chromatography Refrigerators

For a wide range of chromatography applications

Configure these chromatography refrigerators to suit your needs. Three height-adjustable cantilevered stainless steel shelves enable equipment placement while providing excellent vertical clearance to the side. A vapor-proof quadraplex power outlet lets you plug in equipment within the refrigerator. White interior is easily cleaned and features ducted air distribution and a switch-actuated fluorescent light. Refrigeration unit is top-mounted to maximize storage space and easy access. Glass doors include anti-condensate heater wires to maintain perfect visibility.

Cabinet is white powder-coat painted galvanized steel with total fill high-density foam insulation. These microprocessor-controlled refrigerators feature a digital LED temperature readout. Doors feature heavy-duty hinges, handles with centered key locks, and magnetic gasketing.

What's included: power cord and casters.

New



44173-40

Specifications & Ordering Information

Accuracy: ±1°C

Interior light: fluorescent

Refrigerant: R-134a (CFC-free)

Interior power: four outlets (quadruplex)

Defrost type: automatic



Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of doors	No. of shelves	Power					Shpg wt lb (kg)	Price
			Interior	Overall			VAC	Hz	Amps	Fuse	Plug		
KH-44173-36	24 cu ft	2 to 10°C (36 to 50°F)	23½" x 59" x 30"	27½" x 81½" x 35½"	1	3 half shelves	115	60	10	15 A	Yes	365 (166)	
KH-44173-40	52 cu ft	2 to 10°C (36 to 50°F)	51" x 59" x 30"	55" x 81½" x 35½"	2	3 half, 3 full shelves	115	60	12	15 A	Yes	545 (248)	
KH-44173-44	80 cu ft	2 to 10°C (36 to 50°F)	78½" x 59" x 30"	82½" x 82¾" x 35½"	3	3 half, 6 full shelves	115/208-230	60	12	15 A	No	750 (341)	

Refrigerators and Freezers

RE

Refrigerators / Freezers

StableTemp® General-Purpose and Safety Refrigerator/Freezers

Economical combination storage for routine lab cooling needs

These combination units feature white enamel steel exterior, ABS white plastic interior, and white vinyl- or epoxy-coated steel shelves. Foamed polyurethane insulation ensures temperature uniformity and accurate temperature control.

General-Purpose Refrigerator/Freezer is ideal for storing nonvolatile reagents, samples, and specimens. Yellow warning label on front of door reads: "Laboratory Refrigerator".

Flammable Materials Refrigerator/Freezer is designed for storage of volatile materials such as ethyl ether, hexane, naphtha, benzol, epoxies, solvents, fuels, pharmaceuticals, clinical reagents, and biologicals. For added safety, unit features top-mounted thermostat and door stop. Orange warning label on front of door reads: "Flammable Materials Storage Refrigerator." UL-listed, not CSA-certified.

Explosion-Proof Refrigerator/Freezer is designed for storage of volatile materials in areas where external conditions (e.g. a solvent spill) could create risk of explosion. For additional safety, unit features top-mounted thermostat and door stop. Red warning label on front of door reads "Explosion-Proof Refrigerator."

Note: Unit is not equipped with line cord and plug; must be hardwired into an appropriately rated conduit box to comply with NEC code.



44250-30



44250-40

Specifications & Ordering Information



Temperature range

Refrigerator: 2 to 5°C (35 to 41°F)

Freezer: -18 to -10°C (-0.4 to 14°F)

Flammable materials refrigerator/freezer:
3 to 13°C (37 to 55°F)

Explosion-proof refrigerator/freezer:
3 to 13°C (37 to 55°F)

Accuracy: ±3°C

Refrigerant: CFC-free

Defrost type: manual (except model 44250-30,
which is automatic)

Adjustable legs: two leveling rollers or pads

Compliance

Models 44250-40, -45: OSHA 29 CFR 1910.106 and
NFPA Standard Numbers 45, 56C, and 99

Models 44250-50, -55: OSHA 29 CFR 1910.307

Catalog number	Capacity		Dimensions (W x H x D)			No. of shelves and drawers		Power			Shpg wt lb (kg)	Price
	Refrigerator	Freezer	Interior		Overall	Refrigerator	Freezer	VAC	Hz	Amps		
			Refrigerator	Freezer								
General-purpose refrigerator/freezer with two doors												
KH-44250-30	12.9 cu ft (365 L)	5 cu ft (142 L)	26" x 37½" x 24" (66 x 95 x 61cm)	23¾" x 17" x 21" (60 x 43 x 53 cm)	30" x 66" x 30¾"* (76 x 168 x 78 cm)	2 adjustable shelves, 2 drawers, interior; 4 fixed shelves in door	2 shelves in door	115	60	6.5	240 (109)	
Flammable materials safety refrigerator/freezer with two doors												
KH-44250-40	8.6 cu ft (243 L)	2.4 cu ft (68 L)	21" x 38¼" x 21" (53 x 97 x 53 cm)	18" x 12½" x 19" (46 x 32 x 48 cm)	23½" x 66" x 24½"†‡ (60 x 168 x 62 cm)	3 adjustable shelves, 1 drawer, interior; 3 shelves and 2 modules in door	1 shelf, interior; 1 door module	120	60	2.1	170 (77)	
Flammable materials safety refrigerator/freezer with single door												
KH-44250-45	25 cu ft (738 L)	2.5 cu ft (74 L)	32" x 49" x 22½" (81 x 124 x 57cm)	28" x 11¾" x 22" (71 x 30 x 56 cm)	35½" x 80" x 35" (90 x 203 x 89 cm)	5 adjustable shelves, 1 bottom shelf	1 shelf, interior; 1 door module	120	60	2.1	350 (159)	
Explosion-proof safety refrigerator/freezer with two doors												
KH-44250-50	8.6 cu ft (243 L)	2.4 cu ft (68 L)	21" x 38¼" x 21" (53 x 97 x 53 cm)	18" x 12½" x 19" (46 x 32 x 48 cm)	23½" x 69" x 24½"†‡ (60 x 175 x 62 cm)	3 adjustable shelves, 1 drawer, interior; 3 shelves and 2 modules in door	1 shelf, interior; 1 door module	120	60	2.1	195 (89)	
Explosion-proof safety refrigerator/freezer with single door												
KH-44250-55	25 cu ft (738 L)	5 cu ft (148 L)	32" x 49" x 22½" (81 x 124 x 57 cm)	28" x 11¾" x 22" (71 x 30 x 56 cm)	35½" x 80" x 35" (90 x 203 x 89 cm)	5 adjustable shelves, 1 bottom shelf	1 shelf, interior; 1 door module	120	60	2.1	370 (168)	

*Depth includes handles.

†Depth includes handles; height includes top-mounted controls.

‡Unit requires air clearance of 2" (5.1 cm) around top and back, ½" (1.3 cm) on sides.

RE Refrigerators and Freezers

Refrigerators / Freezers

General-Purpose and Safety Refrigerator/Freezers

Combination storage for biological materials or chemicals

Undercounter Refrigerator/Freezer features adjustable thermostat control and manual defrost.

Upright Refrigerator/Freezer features automatic defrost and separate doors. UL-listed.

Flammable Materials Models contain no internal electrical devices that can trigger the explosion of hazardous materials. They are supplied with a 6-ft cord with three-prong plug.

Explosion-Proof Models protect against explosions both inside and outside of the unit. All motors, switches, and thermostats prohibit arcing that can ignite flammable air-vapor mixtures. They meet Class 1, Group C and D requirements for hazardous environments. Explosion-proof units must be hard-wired to voltage source.

All models feature CFC-free insulation and coolant.

Upright
refrigerator/freezer
combination
44200-40



01290-50

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For our "Ice Maker" section.



Specifications & Ordering Information

Catalog number	Capacity		Temperature range		Dimensions (W x H x D)			No. of shelves	Power			Shpg wt lb (kg)	Price
	Refrigerator	Freezer	Refrigerator	Freezer	Interior		Overall		VAC	Hz	Watts		
					Refrigerator	Freezer							
Benthtop refrigerator/freezer													
KH-44200-35	1.7 cu ft (50 L)	0.2 cu ft (6 L)	0 to 7°C (32 to 45°F)	-5 to 0°C (23 to 32°F)	16¼" x 15¼" x 11" (41 x 39 x 28 cm)	6¼" x 6" x 8¼" (16 x 15 x 21 cm)	19" x 19½" x 19" (50 x 50 x 48 cm)	1	120	60	132	52 (24)	
Undercounter compact refrigerator/freezer													
KH-01290-50	4.9 cu ft (144 L)	0.7 cu ft (21 L)	2 to 7°C (36 to 45°F)	-26 to -6°C (-15 to 21°F)	18" x 21" x 15¼" (46 x 53 x 39 cm)	15¼" x 5¼" x 11" (39 x 13 x 28 cm)	21¼" x 33½" x 25¼" (54 x 85 x 64 cm)	5	120	60	160	120 (54.5)	
KH-44200-45	4.9 cu ft (144 L)	0.7 cu ft (21 L)	-9 to 7°C (15 to 44°F)	-15 to 1°C (5 to 33°F)	18" x 21" x 15¼" (46 x 53 x 39 cm)	15¼" x 5¼" x 11" (39 x 13 x 28 cm)	21¼" x 33½" x 25¼" (54 x 85 x 64 cm)	2	240	50	160	120 (55)	
Undercounter flammable material refrigerator/freezer													
KH-44200-80	4.9 cu ft (144 L)	0.7 cu ft (21 L)	-9 to 7°C (15 to 44°F)	-15 to 1°C (5 to 33°F)	18" x 21" x 15¼" (46 x 53 x 39 cm)	15¼" x 5¼" x 11" (39 x 13 x 28 cm)	21¼" x 33½" x 29¼" (54 x 85 x 64 cm)	2	120	60	160	120 (55)	
Undercounter explosion-proof refrigerator/freezer													
KH-44200-90	4.9 cu ft (144 L)	0.7 cu ft (21 L)	-9 to 7°C (15 to 44°F)	-15 to 1°C (5 to 33°F)	18" x 21" x 15¼" (46 x 53 x 39 cm)	15¼" x 5¼" x 11" (39 x 13 x 28 cm)	21¼" x 33½" x 29¼" (54 x 85 x 64 cm)	2	120	60	160	120 (55)	
Upright refrigerator/freezer													
KH-44200-40	6.8 cu ft (200 L)	2.0 cu ft (59 L)	-6 to 7°C (21 to 45°F)	-20 to -8°C (4 to 18°F)	18½" x 35½" x 14" (47 x 91 x 36 cm)	18½" x 13" x 10½" (47 x 33 x 27 cm)	(24" x 61" x 23" (61 x 155 x 59 cm)	6	120	60	120	160 (73)	
Flammable materials lab refrigerator/freezer with two doors													
KH-44201-00	8.6 cu ft (244 L)	2.4 cu ft (68 L)	0 to 10°C (34 to 50°F)	-20 to 0°C (-4 to 32°F)	20¾" x 41½" x 14" (53 x 105 x 36 cm)	19" x 12¾" x 15" (48 x 32 x 38 cm)	20¾" x 63" x 24½" (51 x 160 x 62 cm)	3 (cabinet) 4 (door)	120 240	60 50	420 420	200 (90.7)	
KH-44201-05													
Explosion-proof lab refrigerator/freezer with two doors													
KH-44200-00	8.6 cu ft (244 L)	2.4 cu ft (68 L)	0 to 10°C (32 to 50°F)	-20 to 0°C (-4 to 32°F)	20¾" x 41½" x 14" (53 x 105 x 36 cm)	19" x 12¾" x 15" (48 x 32 x 38 cm)	23¼" x 63" x 24½" (51 x 160 x 62 cm)	3 (cabinet) 4 (door)	120 240	60 50	420 420	200 (90.7)	
KH-44200-05													
Explosion-proof lab refrigerator/freezer with one door													
KH-44200-10	10 cu ft (283 L)	1.4 cu ft (40 L)	1 to 10°C (34 to 50°F)	-17 to -6°C (1 to 21°F)	9¾" x 32" x 17¼" (25 x 81 x 44 cm)	17¼" x 8" x 12" (44 x 20 x 38 cm)	23" x 58" x 23½" (51 x 160 x 62 cm)	3 (cabinet) 4 (door)	120 240	60 50	360 360	150 (68)	
KH-44200-15													

Refrigerators and Freezers

RE

Freezers

StableTemp General-Purpose and Safety Laboratory Freezers

Quality freezers at economical prices

Undercounter Lab Freezer is a compact, 5-cu ft unit with an easy-to-clean plastic interior, two zinc-coated wire shelves, and three molded door shelves. Door features magnetic gasket seals and spring-loaded, cam-action hinges. Door locks open at 90° angle and self-closes with a gentle push. UL- and cUL-listed.

General-Purpose Lab Freezer is designed for lab applications in which storage of noncritical materials at freezing temperatures is important. Easy-to-clean painted interior features four fixed position zinc-coated wire shelves and six molded door shelves. Keylocked, hinged door provides spring-loaded, cam-action closure. UL-listed.

Flammable Materials Lab Freezer features a sparkproof interior that completely separates contents from wiring and the compressor motor. Magnetic door gaskets provide airtight seals that insulate the interior and prevent hazardous fumes from leaking out. Unit comes with painted interior, four zinc-coated wire shelves, and six molded door shelves. Keylocked door set on torsion bar hinges. UL-listed, not CSA-certified. Complies with NFPA Standard Numbers 45 and 99.

Explosion-Proof Lab Freezer is suitable for use in Class 1, Groups C and D hazardous locations. Unit features a compressor with relay and overload totally enclosed. All electrical wiring is sealed in conduit, and thermostats are sealed to prevent spark escape. Easy-to-clean interior includes four zinc-coated wire shelves and six door shelves. Single, keylocked door uses cam-action hinges—doors lock at a 90° angle and close with a gentle push. UL-listed. Complies with NFPA Standard Number 99.



44250-00



Call our Application Specialists for assistance in selecting the refrigerator best suited for your application.

847-549-7600



44250-20

Specifications & Ordering Information



Accuracy: ±3°C

Temperature display: digital (except model 44250-00)

Refrigerant: R-134a

Defrost type: manual

Lock-out control: all doors are keylocked (except model 44250-00)

Adjustable legs: two levelers (except model 44250-00)

Compliance

Models 44250-10, -15: NFPA Standard Numbers 45 and 99

Models 44250-20, -25: NFPA Standard Number 99

Power: 115 VAC, 60 Hz

Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Compressor	Amps/breaker	Shpg wt lb (kg)	Price
			Interior	Overall					
Undercounter lab freezer									
KH-44250-00	5 cu ft (142 L)	-12 to -20°C (10 to -4°F)	18" x 29" x 15" (46 x 74 x 38 cm)	26" x 34" x 22" (66 x 86 x 56 cm)	2 fixed, interior; 3 fixed, door	1/8 hp	1.4/15	105 (47.6)	
General-purpose upright freezer									
KH-44250-06	20.7 cu ft (586 L)	-12 to -20°C (10 to -4°F)	27" x 57" x 23" (69 x 145 x 58 cm)	32" x 70" x 28 1/2" (81 x 178 x 72 cm)	4 fixed, interior; 6 fixed, door	1/4 hp	1.8/15	299 (136)	
Flammable materials upright freezer									
KH-44250-10	20.7 cu ft (586 L)	-20°C (-4°F)	27" x 57" x 23" (69 x 145 x 58 cm)	32" x 70" x 33 1/2" (82 x 178 x 78 cm)	4 fixed, interior; 6 fixed, door	1/4 hp	1.8/15	299 (136)	
KH-44250-15	30 cu ft (885 L)	-18 to -30°C (0 to -22°F)	32" x 65" x 22 1/2" (81 x 165 x 57 cm)	35 1/2" x 80" x 35" (90 x 203 x 89 cm)	3 fixed, 5 adjustable 1 bottom	1/8 hp	6/15	340 (155)	
Explosion-proof upright freezer									
KH-44250-20	20.7 cu ft (586 L)	-20°C (-4°F)	27" x 57" x 23" (69 x 145 x 58 cm)	32" x 70" x 33 1/2" (82 x 178 x 86 cm)	4 fixed, interior; 6 fixed, door	1/4 hp	4.0/15	299 (136)	
KH-44250-25	30 cu ft (885 L)	-18 to 30°C (0 to -22°F)	32" x 65" x 22 1/2" (81 x 165 x 57 cm)	35 1/2" x 82" x 35" (90 x 208 x 89 cm)	3 fixed, 5 adjustable 1 bottom	1/8 hp	4/15	360 (164)	

RE Refrigerators and Freezers

Freezers

General-Purpose and Safety Freezers

Reliable freezers for routine lab use

These general-purpose and safety freezers are designed to meet most laboratory requirements—ideal for storing biological or chemical materials. All models feature CFC-free insulation and coolant.

Undercounter Freezer features a hydraulic thermostat and manual defrost.

Upright Freezer features manual defrost and enameled steel interior and exterior. Door lock prevents unauthorized entry.

Flammable Materials Model is designed to completely insulate the storage compartment from chance of electrical sparking.

Explosion-Proof Model is for use in hazardous locations where explosive conditions could potentially exist external to the cold storage unit. This model must be hard-wired to voltage source.



44202-40



Specifications & Ordering Information

Accuracy: $\pm 2^{\circ}\text{C}$

Refrigerant: CFC-free

Defrost type: manual

Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Power			Shpg wt lb (kg)	Price
			Interior	Overall		VAC	Hz	Watts		
Undercounter freezer										
KH-44202-10 KH-44202-15	5.6 cu ft (142 L)	-26 to -15°C (-15 to 5°F)	18" x 27½" x 15" (46 x 70 x 38 cm)	21¼" x 33½" x 25¼" (54 x 85 x 64 cm)	3	120 240	60 50	200	120 (54.5)	
Upright freezer										
KH-44202-40 KH-44202-45	20 cu ft (566 L)	-28 to -15°C (-18 to 5°F)	27" x 57" x 18" (69 x 145 x 46 cm)	32" x 71½" x 33" (81 x 182 x 84 cm)	4	120 240	60 50	516	240 (109)	
Undercounter explosion proof freezer										
KH-44202-50	5.6 cu ft (165 L)	-26 to -15°C (-15 to 5°F)	18" x 27½" x 15" (46 x 70 x 38 cm)	21¼" x 33½" x 29" (54 x 85 x 74 cm)	3	120	60	200	120 (55)	
Undercounter flammable material freezer										
KH-44202-55	5.6 cu ft (165 L)	-26 to -15°C (-15 to 5°F)	18" x 27½" x 15" (46 x 70 x 38 cm)	21¼" x 33½" x 29" (54 x 85 x 74 cm)	3	120	60	200	120 (55)	

Lab Freezers

Microprocessor driven for precise control and documentation

Check operating status at a glance with enlarged digital display and graphic thermometer. Set temperature and alarm set points in 1°C increments.

IntrLogic™ microprocessor control provides better accuracy than other freezers. Set point security system protects your samples with a key-operated switch for main power and alarm locks in temperature and alarm set points. Alarm system audibly and visually identifies any temperature deviation beyond alarm set points and archives deviated temperatures. Extreme ambient alert warns if room temperature may have affected performance.

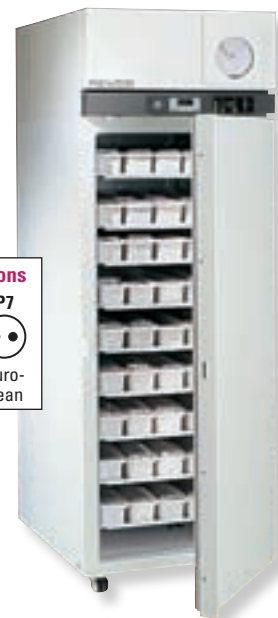
Gravity convection air system provides maximum temperature stability without blowers or fans. Manual defrost avoids intermittent coil warming during auto defrost cycles. Each model is constructed of heavy-gauge steel and features hermetically sealed compressors and a single self-closing solid door. The full-length door handle has keyed lock for security.

Models 44164-00 and -05 include an organized inventory system—nine shelves hold 45 bins (five bins per shelf), making them ideal for enzyme storage. Adjust shelf height in 1-inch increments without tools.

Integrated circular chart recorder 44179-50 is available separately below; order recorder when you order freezer.

Lab freezer
44164-00 with
inventory system;
shown with
optional
temperature
recorder
44179-50

Plug configurations		
5-20P NEMA	6-15P NEMA	Euro- pean



Specifications & Ordering Information

Accuracy: $\pm 1^{\circ}\text{C}$

Defrost type: manual

Alarm: audible/visual

Refrigerant: CFC-free

Lock-out control: yes

Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Power					Shpg wt lb (kg)	Price
			Interior	Overall		VAC	Hz	Amps	Breaker	Plug		
Lab freezer with inventory system												
KH-44164-00 KH-44164-05	23.3 cu ft (659 L)	Down to -20°C (-4°F)	24" x 58" x 29" (61 x 147 x 74 cm)	28" x 77½" x 35½" (71 x 197 x 90 cm)	9	115 208/230	60 60	13.5 5.6	20 A 15 A	P2 P4	370 (167.8)	
Lab freezer												
KH-44164-10 KH-44164-15	23.3 cu ft (659 L)	Down to -20°C (-4°F)	24" x 58" x 29" (61 x 147 x 74 cm)	28" x 77½" x 35½" (71 x 197 x 90 cm)	4	208/230 220	60 50	5.6 5.6	15 A 15 A	P4 P7	370 (167.8)	

Accessories

KH-44179-50 Temperature recorder, 6" circular; 7 day, -150 to 20°C., Includes one box of 50 charts.

For all freezers listed above. Factory installed; must be ordered at the same time as the freezer

Refrigerators and Freezers

RE

Low-Temperature Freezers

Ultra-Low Temperature Freezers

Exclusive Legaci® refrigeration system offers reliable, long-term performance

- Ultima™ II models feature IntrLogic™ microprocessor control to monitor operation and alarm systems
- Available in -40°C and -86°C models

Ultra-Low Temperature Freezers maintain superior temperature control for your most critical cooling needs. All freezer models meet the demands of clinical, life science, and industrial applications. Advanced cabinet construction enables maximum durability and utility. Top-quality components and systems ensure long-term temperature protection of your most important materials.

The Legaci® Refrigeration System, featured on all Value, Elite, and Ultima II ultra-low temperature freezers, sets the industry standard for design sophistication and reliability. Two industrial-grade compressors produce a generous cooling capacity in the -86°C cascade systems. Ultra-efficient condensers enable fast recovery from door openings. Robust system can maintain critical freezer temperatures even at an ambient temperature of 32°C (90°F).

Value Series Freezers (page 1476) are a cost-effective alternative for a variety of industrial process and non-critical storage use. Revco Value series incorporates Legaci refrigeration with Ultima II quality cabinet construction and reliable solid-state control for basic but dependable operation.

Elite Freezers (page 1475) include rugged cabinet construction, microprocessor controls, and alarm and monitor systems. Features audible and visible warnings for insufficient line voltage, low-battery condition, and the need to clean the filter.

Ultima II Freezers (page 1474) feature IntrLogic microprocessor control system (panel shown below)—sets, monitors, and regulates all freezer operating parameters with a touch of a button. Several times each second, a digital feedback loop surveys ambient temperature and refrigeration circuit temperature at critical points within the freezer. It then uses this information to regulate the freezer operation with minimal energy consumption. All Ultima II models include built-in voltage boost and surge suppressor, and eye-level controls.



Value Series
(page 1476)

Elite
(page 1475)

Ultima II
(page 1474)

Product Selection Guide



Revco freezer model	Value (page 1476)	Elite (page 1475)	Ultima II (page 1474)
Temperature control system and electrical system			
Microprocessor-based or solid state controls	Solid state	Microproc	IntrLogic™
Voltage boost system to detect and compensate for low voltage	•	•	•
Surge suppressor to intercept voltage spikes	Optional*	Optional*	•
Digital temperature display, adjustable in 1°C increments	•	•	•
Key-operated main power switch to prevent tampering	•	•	•
Alarm/monitor system			
Battery backup to operate alarm during power failure		•	•
Battery capacity indicator		•	•
Touchpad alarm test for quick, accurate verification		•	•
Audible and visual warnings in event of power failure or temperature deviation	Audible only	•	•
Independent, tamper-resistant, adjustable high and low alarm set points (1°C increments)		•	•
RS-232 data port with system software		Optional*	•
Clean filter indicator light		•	•
Remote alarm contacts	•	•	•
Warranty information			
Total warranty on compressor parts (including standard 2-year warranty on parts & labor) ¹	3 yr	4 yr	5 yr

*Free standing ¹USA and Canada only.

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For backup systems and remote alarm/automatic dialer.



Ultima II series control panel

RS-232 data port includes software package for datalogging and management



Key-operated power and alarm switches prevent tampering

Alarm test verifies alarm system is operating properly

Set points for operating temperature and low/high alarms

Warning lights alert you to clean filter, change battery, or check voltage supply

Automatic incident monitor identifies temperature deviations

Extreme ambient alert

RE Refrigerators and Freezers

Low-Temperature Freezers

Ultima™ II Ultra-Low Temperature Freezers

IntrLogic™ microprocessor control for critical applications

These freezers feature the exclusive Legaci® refrigeration system controlled by IntrLogic microprocessor system. Ultima II freezers utilize sophisticated systems built of high-quality refrigeration components for the utmost reliability in demanding environments. Document freezer performance using data from RS-232 port.

All freezers feature advanced automatic monitoring systems and multilevel security systems. The automatic incident monitor (A.I.M.) identifies any temperature deviation beyond alarm set points. Automatic voltage boost and power surge protection compensate for low-voltage, brown-out, and voltage-surge conditions.

See page 1473 for more product features including the Legaci refrigeration system and the IntrLogic control panel.

Chest Freezers feature a heavy-duty lid, with a full-length handle that is counterbalanced for easy lifting. Double-seal lid gaskets and sublids minimize frost buildup.

Upright Freezers have door-mounted IntrLogic microprocessor control for easy viewing. The integrated+ door handle latch assembly is strong and durable, and not only has a front accessible keylock, but accommodates a standard padlock as well. With the PEP (pressure equalization port), you will relieve the inner chamber vacuum created under positive door seal when ambient air is introduced following door openings. Positive closure ensures a tight seal against the double independent door gaskets, minimizing frost buildup.

Specifications & Ordering Information

Accuracy: ±1°C

Temperature display: LED

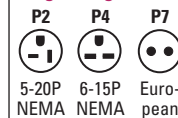
Refrigerant: CFC-free

Alarm: audible and visual with high and low set points and battery backup

Construction: heavy-gauge steel



Plug configurations



GO to ColeParmer.com

For optional chart recorder 44199-50 and storage inventory systems.

Click Here



Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Compressor	Power					Shpg wt lb (kg)	Price
			Interior	Overall			VAC	Hz	Amps	Breaker	Plug		
Chest freezers													
KH-44168-00 KH-44168-07 KH-44168-05	3.1 cu ft (88 L)	-40 to -86°C (-40 to -122°F)	19" x 17" x 17" (48 x 43 x 43 cm)	29" x 45½" x 27" (74 x 116 x 69 cm)	—	1 hp	115 208/230 220	60 60 50	10.0 5.4 5.4	20 A 15 A 15 A	P2 P4 P7	435 (197)	
KH-44168-10 KH-44168-17 KH-44168-15	6.8 cu ft (193 L)	-40 to -86°C (-40 to -122°F)	23½" x 26½" x 19" (60 x 67 x 48 cm)	48½" x 41" x 29" (123 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	8.5 4.5 4.5	20 A 15 A 15 A	P2 P4 P7	525 (238)	
KH-44168-20 KH-44168-27 KH-44168-25	10.3 cu ft (292 L)	-40 to -86°C (-40 to -122°F)	35¼" x 26½" x 19" (90 x 67 x 48 cm)	60¼" x 41" x 29" (153 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	8.5 4.5 4.5	20 A 15 A 15 A	P2 P4 P7	680 (308)	
KH-44168-30 KH-44168-37 KH-44168-35	13.7 cu ft (388 L)	-40 to -86°C (-40 to -122°F)	47" x 26½" x 19" (119 x 67 x 48 cm)	72" x 41" x 29" (183 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	8.5 4.5 4.5	20 A 15 A 15 A	P2 P4 P7	725 (329)	
KH-44168-40 KH-44168-47 KH-44168-45	17.1 cu ft (484 L)	-40 to -86°C (-40 to -122°F)	58¼" x 26½" x 19" (149 x 67 x 48 cm)	83¼" x 41" x 29" (213 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	8.5 4.5 4.5	20 A 15 A 15 A	P2 P4 P7	845 (383)	
KH-44168-50 KH-44168-57 KH-44168-55	20.5 cu ft (581 L)	-40 to -86°C (-40 to -122°F)	70½" x 26½" x 19" (179 x 67 x 48 cm)	95½" x 41" x 29" (243 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	8.5 4.5 4.5	20 A 15 A 15 A	P2 P4 P7	915 (415)	
Upright freezers													
KH-44168-60 KH-44168-67 KH-44168-65	13.4 cu ft (379 L)	-50 to -86°C (-58 to -122°F)	23½" x 50½" x 19½" (60 x 128 x 50 cm)	33½" x 77½" x 29¾" (85 x 197 x 76 cm)	4	1 hp	115 208/230 220	60 60 50	10.0 5.7 5.7	20 A 15 A 15 A	P2 P4 P7	630 (286)	
KH-44168-70 KH-44168-77 KH-44168-75	17.2 cu ft (487 L)	-50 to -86°C (-58 to -122°F)	23½" x 50½" x 25" (60 x 128 x 64 cm)	33½" x 77½" x 35¼" (85 x 197 x 90 cm)	4	1 hp	115 208/230 220	60 60 50	10.0 5.7 5.7	20 A 15 A 15 A	P2 P4 P7	690 (313)	
KH-44168-80 KH-44168-87 KH-44168-85	20.2 cu ft (572 L)	-50 to -86°C (-58 to -122°F)	28½" x 50½" x 24½" (72 x 128 x 62 cm)	38½" x 77½" x 34¼" (98 x 197 x 87 cm)	4	1 hp	115 208/230 220	60 60 50	11.1 5.8 5.8	20 A 15 A 15 A	P2 P4 P7	735 (333)	
KH-44168-90 KH-44168-97 KH-44168-95	24.4 cu ft (691 L)	-50 to -86°C (-58 to -122°F)	34½" x 50½" x 24½" (88 x 128 x 62 cm)	44½" x 77½" x 34¼" (113 x 197 x 87 cm)	4	1 hp	115 208/230 220	60 60 50	11.1 5.8 5.8	20 A 15 A 15 A	P2 P4 P7	790 (358)	
KH-44168-82 KH-44168-93	24.4 cu ft (691 L)	-50 to -86°C (-58 to -122°F)	34½" x 50½" x 24½" (88 x 128 x 62 cm)	38½" x 77½" x 34¼" (98 x 197 x 87 cm)	4	1 hp	115 220	60 50	11.1 5.8	15 A 15 A	P2 P7	790 (358)	
KH-44168-98 KH-44168-99	32.0 cu ft (906 L)	-50 to -86°C (-58 to -122°F)	39" x 50½" x 28½" (99 x 128 x 72 cm)	44½" x 77½" x 35" (113 x 197 x 90 cm)	4	1 hp	230 220	60 50	5.8 5.8	20 A 20 A	P4 P7	1015 (460)	

Refrigerators and Freezers

RE

Low-Temperature Freezers

Elite Ultra-Low Temperature Freezers

Microprocessor driven for excellent control

Elite models feature the Legaci® refrigeration system and the A.I.M. (Automatic Incident Monitor) alarm system—identifies any temperature deviation beyond alarm set points. Also includes exterior alarm contacts for connection to a remote monitoring system. An optional RS-232 data port can be used to document performances

Upright Freezers have an integrated door handle latch assembly with front accessible key lock that also accommodates a standard padlock. PEP (Pressure Equalization Port) relieves the inner chamber vacuum created under positive door seal when ambient air is introduced following door openings. Positive magnetic closure ensures a tight seal against the double independent door gaskets, minimizing frost buildup. To minimize cold air loss when door is opened, upright freezers include five subsection doors with positive magnetic latches.

Chest Freezers feature a low-profile design for convenient access to inventory. Heavy-duty lid has a full-length handle and is counter-balanced for easy lifting. Keyed lid lock provides built-in security.



44155-00

44155-30

44165-00



220 VAC only
excluding
44180-05



Plug configurations

P1	P2	P4	P7
5-15P NEMA	5-20P NEMA	6-15P NEMA	Euro- pean

Specifications & Ordering Information

Accuracy: ±1°C

Temperature display: LED

Refrigerant: CFC-free

Alarm: audible and visual

Construction: heavy-gauge steel with battery backup

Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Compressor	Power				Shpg wt lb (kg)	Price	
			Interior	Overall			VAC	Hz	Amps	Breaker			Plug
Upright freezers, -86°C													
KH-44167-00 KH-44167-07 KH-44167-05	13.4 cu ft (379 L)	-50 to -86°C (-58 to -122°F)	23½" x 50½" x 19½" (60 x 128 x 50 cm)	33½" x 77½" x 29¾" (85 x 197 x 76 cm)	4	1 hp	115 208/230 220	60 60 50	16.0 7.5 7.5	20 A 15 A 15 A	P2 P4 P7	630 (286)	
KH-44167-10 KH-44167-17 KH-44167-15	17.2 cu ft (487 L)	-50 to -86°C (-58 to -122°F)	23½" x 50½" x 25" (60 x 128 x 64 cm)	33½" x 77½" x 35¼" (85 x 197 x 90 cm)	4	1 hp	115 208/230 220	60 60 50	16.0 7.5 7.5	20 A 15 A 15 A	P2 P4 P7	690 (313)	
KH-44167-20 KH-44167-27 KH-44167-25	20.2 cu ft (572 L)	-50 to -86°C (-58 to -122°F)	28½" x 50½" x 24¼" (72 x 128 x 62 cm)	38½" x 77½" x 34¾" (98 x 197 x 87 cm)	4	1 hp	115 208/230 220	60 60 50	16.0 8.5 8.5	20 A 15 A 15 A	P2 P4 P7	735 (333)	
KH-44167-30 KH-44167-37 KH-44167-35	24.4 cu ft (581 L)	-50 to -86°C (-58 to -122°F)	34½" x 50½" x 24¼" (88 x 128 x 62 cm)	44½" x 77½" x 34¾" (113 x 197 x 87 cm)	4	1 hp	115 208/230 220	60 60 50	16.0 8.5 8.5	20 A 15 A 15 A	P2 P4 P7	790 (358)	
Chest freezers, -86°C													
KH-44156-00 KH-44156-05	3.1 cu ft (88 L)	-40 to -86°C (-40 to -122°F)	19" x 17" x 17" (48 x 43 x 43 cm)	29" x 45½" x 27" (74 x 116 x 69 cm)	—	1 hp	115 220	60 50	16.0 11.2	20 A 15 A	P2 P7	435 (197)	
KH-44156-10 KH-44156-15	6.8 cu ft (193 L)	-40 to -86°C (-40 to -122°F)	23½" x 26½" x 19" (60 x 67 x 48 cm)	48½" x 41" x 29" (123 x 104 x 74 cm)	—	1 hp	115 220	60 50	16.0 11.2	20 A 15 A	P2 P7	525 (238)	
KH-44156-20 KH-44156-25	10.3 cu ft (292 L)	-40 to -86°C (-40 to -122°F)	35¾" x 26½" x 19" (90 x 67 x 48 cm)	60¼" x 41" x 29" (153 x 104 x 74 cm)	—	1 hp	115 220	60 50	16.0 11.2	20 A 15 A	P2 P7	680 (308)	
KH-44156-30 KH-44156-37 KH-44156-35	13.7 cu ft (388 L)	-40 to -86°C (-40 to -122°F)	47" x 26½" x 19" (119 x 67 x 48 cm)	72" x 41" x 29" (183 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	16.0 11.2 11.2	20 A 15 A 15 A	P2 P4 P7	725 (328)	
KH-44156-40 KH-44156-47 KH-44156-45	17.1 cu ft (484 L)	-40 to -86°C (-40 to -122°F)	58¾" x 2½" x 19" (149 x 67 x 48 cm)	83¾" x 41" x 29" (213 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	16.0 11.2 11.2	20 A 15 A 15 A	P2 P4 P7	845 (383)	
KH-44156-50 KH-44156-57 KH-44156-55	20.5 cu ft (581 L)	-40 to -86°C (-40 to -122°F)	70½" x 26½" x 19" (179 x 67 x 48 cm)	95½" x 41" x 29" (243 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	16.0 11.2 11.2	20 A 15 A 15 A	P2 P4 P7	915 (414)	
Upright freezers, -40°C													
KH-44165-00 KH-44165-07 KH-44165-05	13.4 cu ft (379 L)	-10 to -40°C (14 to -40°F)	23½" x 50½" x 19½" (60 x 128 x 50 cm)	33½" x 77½" x 29¾" (85 x 197 x 76 cm)	4	1 hp	115 208/230 220	60 60 50	10.0 5.7 5.7	15 A 15 A 15 A	P1 P4 P7	545 (247)	
KH-44165-10 KH-44165-17 KH-44165-15	17.2 cu ft (487 L)	-10 to -40°C (14 to -40°F)	23½" x 50½" x 25" (60 x 128 x 64 cm)	33½" x 77½" x 35¼" (85 x 197 x 90 cm)	4	1 hp	115 208/230 220	60 60 50	10.0 5.7 5.7	15 A 15 A 15 A	P1 P4 P7	580 (263)	
KH-44165-20 KH-44165-27 KH-44165-25	20.2 cu ft (572 L)	-10 to -40°C (14 to -40°F)	2½" x 50½" x 24¼" (72 x 128 x 62 cm)	38½" x 77½" x 34¾" (98 x 197 x 87 cm)	4	1 hp	115 208/230 220	60 60 50	11.1 5.8 5.8	15 A 15 A 15 A	P1 P4 P7	630 (286)	
KH-44165-30 KH-44165-37 KH-44165-35	24.4 cu ft (291 L)	-10 to -40°C (14 to -40°F)	34½" x 50½" x 24¼" (88 x 128 x 62 cm)	44½" x 77½" x 34¾" (113 x 197 x 87 cm)	4	1 hp	115 208/230 220	60 60 50	11.1 5.8 5.8	15 A 15 A 15 A	P1 P4 P7	710 (322)	
Chest freezers, -40°C													
KH-44155-00 KH-44155-07 KH-44155-05	3.1 cu ft (88 L)	-10 to -40°C (14 to -40°F)	19" x 17" x 17" (48 x 43 x 43 cm)	29" x 45½" x 27" (74 x 116 x 69 cm)	—	1 hp	115 208/230 220	60 60 50	10.0 5.4 5.4	15 A 15 A 15 A	P1 P4 P7	365 (166)	
KH-44155-30 KH-44155-37 KH-44155-35	13.7 cu ft (388 L)	-10 to -40°C (14 to -40°F)	47" x 26½" x 19" (119 x 67 x 48 cm)	72" x 41" x 29" (183 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	8.5 4.5 4.5	15 A 15 A 15 A	P1 P4 P7	700 (317)	

RE Refrigerators and Freezers

Low-Temperature Freezers

Value Series Ultra-Low Temperature Freezers

Reliable performance with proprietary refrigeration system

These freezers feature the exclusive Legaci® refrigeration system that combines the cooling capacity of DuPont Suva 95® CFC-free and custom-designed, energy-efficient Copeland compressors with additional high-quality refrigeration components for the utmost reliability in demanding environments.

The control system offers adjustable temperature set point, digital temperature display, push-button set point display, and a key-operated power switch. Connect the exterior alarm contacts to a remote monitoring system for extra protection. Automatic voltage boost and optional power surge protection compensate for low-voltage, brown-out, and voltage-surge conditions.

Chest Freezers feature a low-profile design and have a heavy-duty counter-balanced lid that provides convenient access to inventory. Double-seal lid gaskets and sublids minimize frost buildup.

Upright Freezers feature five independent high-impact plastic inner doors with positive magnetic latches. The locking door handle and latch assembly ensure a tight seal and minimizes frost buildup. The PEP (Pressure Equalization Port) relieves the inner chamber vacuum created under positive door seal when ambient air is introduced following door openings.

GO to ColeParmer.com

For optional chart recorder 44199-50 and storage inventory systems.

Click Here



44140-30

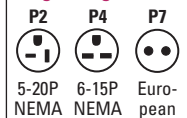
44140-75

Specifications & Ordering Information



Accuracy: ±1°C **Refrigerant:** CFC-free **Alarm:** audible, with battery backup
Temperature display: LED **Construction:** heavy-gauge steel

Plug configurations



Catalog number	Capacity	Temperature range	Dimensions (W x H x D)		No. of shelves	Compressor	Power				Shpg wt lb (kg)	Price	
			Interior	Overall			VAC	Hz	Amps	Breaker			Plug
Chest freezers													
KH-44140-60 KH-44140-65 KH-44140-70	3.1 cu ft (88 L)	-40 to -86°C (-40 to -122°F)	19" x 17" x 17" (48 x 43 x 43 cm)	29" x 45½" x 27" (74 x 116 x 69 cm)	—	1 hp	115 208/230 220	60 60 50	16.0 11.2 11.2	20 A 15 A 15 A	P2 P4 P7	435 (197)	
KH-44140-75 KH-44140-80 KH-44140-85	6.8 cu ft (193 L)	-40 to -86°C (-40 to -122°F)	23½" x 26½" x 19" (59 x 67 x 48 cm)	48½" x 41" x 29" (124 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	16.0 11.2 11.2	20 A 15 A 15 A	P2 P4 P7	525 (238)	
KH-44140-90 KH-44140-95 KH-44141-00	10.3 cu ft (292 L)	-40 to -86°C (-40 to -122°F)	35¼" x 26½" x 19" (89 x 67 x 48 cm)	60¼" x 41" x 29" (153 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	16.0 11.2 11.2	20 A 15 A 15 A	P2 P4 P7	680 (308)	
KH-44141-05 KH-44141-10 KH-44141-15	13.7 cu ft (388 L)	-40 to -86°C (-40 to -122°F)	47" x 26½" x 19" (119 x 67 x 48 cm)	72" x 41" x 29" (183 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	16.0 11.2 11.2	20 A 15 A 15 A	P2 P4 P7	725 (329)	
KH-44141-20 KH-44141-25 KH-44141-30	17.1 cu ft (484 L)	-40 to -86°C (-40 to -122°F)	58¾" x 26½" x 19" (149 x 67 x 48 cm)	83¾" x 41" x 29" (213 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	16.0 11.2 11.2	20 A 15 A 15 A	P2 P4 P7	845 (383)	
KH-44141-35 KH-44141-40 KH-44141-45	20.5 cu ft (581 L)	-40 to -86°C (-40 to -122°F)	70½" x 26½" x 19" (179 x 67 x 48 cm)	95½" x 41" x 29" (243 x 104 x 74 cm)	—	1 hp	115 208/230 220	60 60 50	16.0 11.2 11.2	20 A 15 A 15 A	P2 P4 P7	915 (415)	
Upright freezers													
KH-44140-96 KH-44140-97	11 cu ft (311 L)	-50 to -86°C (-58 to -122°F)	18½" x 50½" x 21" (47 x 128 x 53 cm)	23½" x 75½" x 35" (60 x 192 x 89 cm)	4	1 hp	115 208/230	60 60	16.0 7.5	20 A 15 A	P2 P2	580 (263)	
KH-44140-00 KH-44140-05 KH-44140-10	13.4 cu ft (379 L)	-50 to -86°C (-58 to -122°F)	23½" x 50½" x 19½" (59 x 128 x 49 cm)	33½" x 77½" x 29¾" (85 x 197 x 76 cm)	4	1 hp	115 208/230 220	60 60 50	16.0 7.5 7.5	20 A 15 A 15 A	P2 P4 P7	630 (286)	
KH-44140-15 KH-44140-20 KH-44140-25	17.2 cu ft (487 L)	-50 to -86°C (-58 to -122°F)	23½" x 50½" x 25" (59 x 128 x 63 cm)	33½" x 77½" x 35½" (85 x 197 x 90 cm)	4	1 hp	115 208/230 220	60 60 50	16.0 7.5 7.5	20 A 15 A 15 A	P2 P4 P7	690 (313)	
KH-44140-30 KH-44140-35 KH-44140-40	20.2 cu ft (572 L)	-50 to -86°C (-58 to -122°F)	28½" x 50½" x 24¼" (72 x 128 x 61 cm)	38½" x 77½" x 34½" (98 x 197 x 88 cm)	4	1 hp	115 208/230 220	60 60 50	16.0 8.5 8.5	20 A 15 A 15 A	P2 P4 P7	735 (333)	
KH-44140-45 KH-44140-50 KH-44140-55	24.4 cu ft (691 L)	-50 to -86°C (-58 to -122°F)	34½" x 50½" x 24¼" (87 x 128 x 61 cm)	44½" x 77½" x 34½" (113 x 197 x 88 cm)	4	1 hp	115 208/230 220	60 60 50	16.0 8.5 8.5	20 A 15 A 15 A	P2 P4 P7	790 (358)	
KH-44141-50 KH-44141-55	24.4 cu ft (691 L)	-50 to -86°C (-58 to -122°F)	34½" x 50½" x 24¼" (87 x 128 x 61 cm)	38½" x 77½" x 34½" (98 x 197 x 88 cm)	4	1 hp	115 220	60 50	16.0 8.5	20 A 15 A	P2 P7	790 (358)	

Refrigerators and Freezers

RE

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Standard, Low- and Ultra-Low Temperature Freezers

Low-temperature storage at a low price

Maintain low-temperature conditions with these economical freezers. Select a model to suit your needs—standard freezing conditions (to -20°C), low temperature (to -45°C), or ultra-low temperature (to -86°C).

Chest Freezers are sealed to minimize moisture accumulation. Sublids provide added content protection. Controller with digital display is conveniently mounted in the front panel and recessed to prevent an accidental setting change. Built-in alarm alerts you to temperature rise or power loss. Specify $^{\circ}\text{C}$ or $^{\circ}\text{F}$ when ordering. Order optional temperature recorder below. Order automatic pager or voice dialer and storage accessories on from Cole Parmer.com

Compact Upright Freezers for -85°C applications are available in benchtop or undercounter models. Small footprint conserves space and microprocessor control assures temperature accuracy to $\pm 1^{\circ}\text{C}$. Standard temperature recorder documents control. Optimize freezer space utilization with storage racks, boxes, and dividers from Cole Parmer.com.

What's Included: Chest freezers include casters (on models up to 12 cu ft only) and an 8-ft cord with 3-prong plug (115 VAC models only; 230 VAC models are designed for hard-wiring).

Compact upright freezers include a 4" circular temperature recorder and an 8-ft cord with 3-prong plug on 115 VAC models only.

Chest-style freezer 03815-22



Specifications & Ordering Information

Temperature display: LED Defrost type: manual Refrigerant: CFC-free Alarm: audible/visual Power cord: 8-ft cord, 115 VAC only

Catalog number	Capacity	Minimum Temperature	Dimensions (W x H x D)		Compressor	Power			Shpg wt lb (kg)	Price
			Interior	Overall		VAC	Hz	Breaker (plug)		
Space-saver chest-style freezers										
KH-03815-29 KH-03815-19 KH-03815-30 KH-03815-20	1.7 cu ft (48 L)	-43°C (-45°F)	18" x 13" x 12" (46 x 33 x 30 cm)	30" x 36" x 24" (76 x 91 x 61 cm)	$\frac{1}{8}$ hp	115	60	4 A (three-prong) 2 A (none)	280 (127)	
-85°C (-121°F)		230				50	7 A (three-prong) 3.5 A (none)			
-45°C (-50°F)		115				60	8 A (three-prong) 4 A (none)			
-85°C (-121°F)		230				50	10 A (three-prong) 5 A (none)			
KH-03815-38 KH-03815-39 KH-03815-40 KH-03815-41	3.1 cu ft (88 L)	-45°C (-50°F)	30" x 14" x 13" (76 x 36 x 33 cm)	41" x 37" x 24" (104 x 94 x 61 cm)	$\frac{1}{8}$ hp	115	60	8 A (three-prong) 4 A (none)	455 (207)	
-85°C (-121°F)		230				50	10 A (three-prong) 5 A (none)			
-45°C (-50°F)		115				60	8 A (three-prong) 2.5 A (none)			
-85°C (-121°F)		230				50	5 A (three-prong) 2.5 A (none)			
Chest-style freezers										
KH-03815-23 KH-03815-13 KH-03815-26 KH-03815-16	6.8 cu ft (193 L)	-45°C (-50°F)	47" x 17" x 15" (119 x 43 x 38 cm)	60" x 41" x 28" (152 x 104 x 71 cm)	$\frac{1}{8}$ hp	115	60	5 A (three-prong) 2.5 A (none)	512 (232)	
-85°C (-121°F)		230				50	10 A (three-prong) 5 A (none)			
-40°C (-40°F)		115				60	5 A (three-prong) 2.5 A (none)			
-85°C (-121°F)		230				50	5 A (three-prong) 2.5 A (none)			
KH-03815-22 KH-03815-12	9.4 cu ft (266 L)	-40°C (-40°F)	49" x 19" x 17" (124 x 48 x 43 cm)	60" x 41" x 28" (152 x 104 x 71 cm)	$\frac{1}{8}$ hp	115	60	5 A (three-prong) 2.5 A (none)	504 (229)	
-85°C (-121°F)		230				50	5 A (three-prong) 2.5 A (none)			
KH-03815-00	12.0 cu ft (340 L)	-51°C (-60°F)	49" x 25" x 17" (124 x 64 x 43 cm)	60" x 50" x 28" (152 x 127 x 71 cm)	$\frac{1}{8}$ hp	115	60	10 A (three-prong) 5 A (none)	607 (275)	
KH-03815-34 KH-03815-35	15.3 cu ft (425 L)	-34°C (-30°F)	43" x 30" x 23" (109 x 76 x 58 cm)	48" x 35" x 30" (122 x 89 x 76 cm)	$\frac{1}{4}$ hp	115	60	8 A (three-prong) 4 A (none)	320 (145)	
-34°C (-30°F)		230	50	8 A (three-prong) 4 A (none)						
KH-03815-36 KH-03815-37	24.9 cu ft (705 L)	-34°C (-30°F)	69" x 30" x 23" (175 x 76 x 58 cm)	73" x 35" x 30" (185 x 89 x 76 cm)	$\frac{1}{4}$ hp	115	60	8 A (three-prong) 4 A (none)	380 (173)	
-34°C (-30°F)		230	50	8 A (three-prong) 4 A (none)						
KH-03815-47 KH-03815-48	20.3 cu ft (566L)	-34°C (-30°F)	56" x 23" x 30" (142 x 58 x 76 cm)	62" x 30" x 35" (157 x 76 x 89 cm)	$\frac{1}{4}$ hp	115	60	8 A (three-prong) 4A (none)	350 (159)	
-34°C (-30°F)		230	50	8 A (three-prong) 4A (none)						
Benchtop upright freezer —recorder, display, and compressor located at top										
KH-44204-00 KH-44204-05	1.0 cu ft (28 L)	-86°C (-122°F)	12 $\frac{1}{4}$ " x 11" x 12" (31 x 28 x 30 cm)	20" x 28 $\frac{1}{2}$ " x 22" (51 x 71 x 56 cm)	$\frac{1}{4}$ hp	115	60	10 A (5-15 NEMA) 10 A (none)	240 (109)	
-86°C (-122°F)		230	50	10 A (5-15 NEMA) 10 A (none)						
Undercounter upright freezer —recorder, display, and compressor located at bottom										
KH-44204-10 KH-44204-15	1.0 cu ft (28 L)	-86°C (-122°F)	12 $\frac{1}{4}$ " x 11" x 12" (31 x 28 x 30 cm)	20" x 28 $\frac{1}{2}$ " x 22" (51 x 71 x 56 cm)	$\frac{1}{4}$ hp	115	60	10 A (5-15 NEMA) 10 A (none)	240 (109)	
-86°C (-122°F)		230	50	10 A (5-15 NEMA) 10 A (none)						

Factory-Installed Accessories

Temperature Recorders for above freezers allow you to keep a permanent record of temperature on 6" circular chart. A sapphire stylus scribes clear traces on the pressure-sensitive chart paper. Accuracy is as close as $\pm 5^{\circ}\text{F}$ ($\pm 2^{\circ}\text{C}$) over the full temperature range. Recorders come with one box of chart paper.



03816-24

Temperature scale	Time period	115 VAC models		230 VAC models	
		Catalog number	Price	Catalog number	Price
$^{\circ}\text{F}$	7 days	KH-03816-24		KH-03816-25	
$^{\circ}\text{C}$	7 days	KH-03816-34		KH-03816-35	

[KH-03816-29](#) Replacement chart paper, -150 to 32°F . Box of 50

[KH-03816-39](#) Replacement chart paper, -100 to 0°C . Box of 50

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