




# SAFETY REFRIGERATORS

Flammable liquids such as methanol, acetone, ether, and others should be stored in a safety refrigerator rather than a lab refrigerator to reduce the risk of fire and explosion due to sparks between fluorescent lights/fan motor and the volatile gases these fluids generate. Safety refrigerators have explosion-safe incandescent lights and air circulation fans driven by a rotor from an exterior motor. No electrical source on these models is less than 48" off the floor, per OSHA requirements. They are designed for the safe, cold storage of volatile fluids in an OSHA Division II location (non-volatile, non-explosive rooms). Three models are available and most options from the Accessories Sheet may be added to Safety Refrigerators.

- 2-10°C temp range
- Microprocessor-controlled temperature with digital display
- On/off exterior light switch
- Three epoxy coated wire shelves per door
- Gliding doors, or hinged door with grounded gasket (ST33SD)
- Stainless steel interior bottom pan to resist corrosive spills
- Height and depth sized to slide through standard door frames
- One year parts and labor, 4 add'l on compressor motor (domestic)



Model ST70GD

Models	Style	Capacity (ft <sup>3</sup> /liters)	Dimensions		# Shelves and Size	# Lights	Electrical (domestic)	HP	Shipping Weight (lbs/kg)	
			Exterior (in/cm)	Interior (in/cm)						
ST33SD		30/850	33/84	W	29/74	3 28"x24"	1	115/60/1 15 amps	1/3	500/225
			29/74	D	24/61					
			74.5/189*	H	69/175					
ST52GD		52/1470	52/132	W	48/122	6 24"x24"	1	115/60/1 15 amps	1/2	700/320
			31/79	D	26/66					
			74.5/189*	H	69/175					
ST70GD		73/2065	70/178	W	66/168	6 32"x24"	1	115/60/1 15 amps	1/2	900/410
			31/79	D	26/66					
			74.5/189*	H	69/175					

\*Denotes irreducible cabinet height. Total height with condensing unit in place is 86.5" (220 cm). Safety Refrigerators are recommended for OSHA Class I, Division II locations.



**BETATEK** INC.

*Instrumentation Superbly Supported*

*L'instrumentation à son meilleur*

654 Petrolia Road,  
Toronto, ON M3J 2W3  
Tel: (416) 736-6166  
Toll-Free: (800) 387 3570  
Fax: (416) 736-9346