

# Constant Temperature Refrigerators

Constant temperature refrigerators are guaranteed to maintain the USP-quality storage conditions specified for 2-8°C refrigerators. These models are factory set to 5°C, and the temperature of the air inside the chamber does not get colder than 2°C or warmer than 8°C. They stand alone among scientific refrigerators in this regard, because most others have air temperatures that vary from 0-10°C during the refrigeration cycle. Such temperature swings are not acceptable when storing small volumes of liquid (vaccines, insulin, and other pharmaceuticals) because the thermal weight of the material is too small to dampen the effect of wide temperature variations. Constant temperature refrigerators were developed to meet the need for 2-8°C storage. They can be mapped with temperature sensors throughout and will meet the USP validation requirements.\*

Available in 3 sizes designed to fit through standard door frames, each has a microprocessor control with digital temperature display for temperature reliability. If you are interested in a single-door refrigerator that can maintain 2-8°C throughout, please see our laboratory or pharmacy refrigerators. Some standard features are listed on the chart below, but please request a specification sheet for the model you need. Options such as Swagelok® access port for thermocouple entry, solid doors, additional shelves, door locks or solid doors, temperature alarm, chart recorder, RS-232 port, and stainless steel construction are a few of the accessories we offer.

\*With ambient room temperatures of 60-80°F.

- ~ Microprocessor-controlled, factory set to 5°C, ± 3.0°C air temperature uniformity guaranteed
- ~ Digital temperature display, in 0.1°C
- ~ Double pane glass doors, gliding or hinged
- ~ Epoxy coated steel wire shelves capable of holding 125 lbs
- ~ Powder coat white or gray exterior/interior finish over steel
- ~ Casters, locking, 4"
- ~ Cool white LED lighting with interior on/off switch
- ~ Stainless steel interior bottom pan
- ~ Top or bottom mounted condensing units
- ~ One year parts and labor warranty, four additional years on the compressor (part only)



Model LS70SD/CT

Model	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					
LS52GD/CT LS52SD/CT		43/1220	52/132	W 48/122	8 24" x 24"	2 GD/3 SD	115/60/1 15 amps	1/3	600/270
			31/79	D 26/66					
LT52GD/CT LT52SD/CT		52/1470	52/132	W 48/122	8 24" x 24"	2 GD/3 SD	115/60/1 15 amps	1/2	750/340
			31/79	D 26/66					
LS70GD/CT LS70SD/CT		59/1670	70/178	W 66/168	8 32" x 24"	2 GD/3 SD	115/60/1 15 amps	1/2	850/385
			31/79	D 26/66					
			78.5/199	H 57.5/146					

\*\*Denotes irreducible cabinet height. Total height with condensing unit in place is 83.75" (213 cm).  
All models use R-134A as the refrigerant.



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