

7 Product Specifications

7.1 Operating Standards

These units are designed to operate under the following environmental conditions:

- ◆ Indoor use only
- ◆ Altitude (maximum): 2000 m
- ◆ Ambient temperature range: 15 °C to 32 °C
- ◆ Relative humidity (maximum for ambient temperature): 80% for temperatures up to 31 °C, decreasing linearly to 50% at 40 °C
- ◆ Temperature control range: 2 °C to 10 °C

Table 5 Electrical Specifications (Laboratory, Blood Bank, and Pharmacy)

	104	105
Input Voltage and Frequency	115V, 60Hz	115V, 60Hz; 230V, 50Hz; 230V, 60Hz
Voltage Tolerance	±10%	
Circuit Breakers	6.0A (230V only, quantity 2)	
Current Draw	5.0A (115V, 60Hz)	5.0A (115V, 60Hz) 4.0A (230V, 50Hz) 3.25A (230V, 60Hz)
Power Source	Grounded outlet, meeting national electric code (NEC) in the U.S. and local electrical requirements in all locations.	
Remote Alarm Capacity	0.5A at 125V (AC); 1.0A at 250V (DC)	

⚠ CAUTION

- The interface on the remote alarm monitoring system is intended for connection to the end user’s central alarm system(s) that uses normally-open or normally-closed dry contacts.
- If an external power supply exceeding 33 V (RMS) or 70 V (DC) is connected to the remote alarm monitoring system’s circuit, the remote alarm will not function properly; may be damaged; or may result in injury to the user.

Table 6. Laboratory/Pharmacy Refrigerator Specifications

Model	Voltage Code	Amps	Cu. Ft/ Liters	Cabinet	Door	Shelves	Dimensions W x H x D in. (cm)	Net Wt. lbs (kg)
							Exterior	
iLR104-ADA	115V 60 Hz	5.0	4 (113)	Undercounter	Single hinged solid	2	24 x 31.5 x 28.5 (610 x 801 x 724)	191 (87)
HLR104-ADA	115V 60 Hz	5.0	4 (113)	Undercounter	Single hinged solid	2	24 x 31.5 x 28.5 (610 x 801 x 724)	185 (84)
iLR105	115V 60 Hz	5.0	5 (142)	Undercounter	Single hinged solid	2	33.5 x 24 x 28.5 (851 x 610 x 724)	195 (89)
	230V 50 Hz	4.0						
	230 V 60 Hz	3.25						
HLR105	115V 60 Hz	5.0	5 (142)	Undercounter	Single hinged solid	2	33.5 x 24 x 28.5 (851 x 610 x 724)	189 (86)
	230V 50 Hz	4.0						
	230 V 60 Hz	3.25						

i Notes

- Add 0.375" (10 mm) to width for optional access control.
- The maximum height added with leveling feet or casters installed is 2" (51 mm)
- Maximum load per shelf - 100 lbs (46 kg).

Table 7. Blood Bank Refrigerator Specifications

Model	Voltage Code	Amps/ Breaker	Cu. Ft/ Liters	Cabinet	Door	Drawers	Dimensions W x H x D in. (cm)	Net Wt. lbs (kg)
							Exterior	
iB104-ADA	115V 60 Hz	5.0	4 (113)	Undercounter	Single hinged solid	2	24 x 31.5 x 28.5 (610 x 801 x 724)	199 (91)
HB104-ADA	115V 60 Hz	5.0	4 (113)	Undercounter	Single hinged solid	2	24 x 31.5 x 28.5 (610 x 801 x 724)	193 (88)
iB105	115V 60 Hz	5.0	5 (142)	Undercounter	Single hinged solid	2	33.5 x 24 x 28.5 (851 x 610 x 724)	205 (93)
	230V 50 Hz	4.0						
	230 V 60 Hz	3.25						
HB105	115V 60 Hz	5.0	5 (142)	Undercounter	Single hinged solid	2	33.5 x 24 x 28.5 (851 x 610 x 724)	199 (91)
	230V 50 Hz	4.0						
	230 V 60 Hz	3.25						

i Notes

- Add 0.375" (10mm) to width for optional access control.
- The maximum height added with leveling feet or casters installed is 2" (51 mm)
- Maximum load per drawer - 100 lbs (46 kg)