

HC Series

HIGH-CAPACITY SMALL FREEZERS



For long-term storage of large quantities at cryogenic temperatures.

- Rugged ribbed high-strength aluminum body, magneformed necktube design, and more durable paint
- Numbered index ring and tapered internal canister locator
- Superior vacuum performance with super insulation for maximum holding times
- Lockable lid

| SPECIFICATIONS | 12HCL | 20HC | 38HC | 38VHC |
|---|----------------------|-------------------------|---------------------------|----------------------------|
| LN ₂ Capacity (L) | 12 | 20 | 38 | 38 |
| Static Hold Time (Days) | 60 | 87 | 120 | 120 |
| Working Time Days (Liquid) | N/A | N/A | 75 | N/A |
| Evap. Rate (Liters/Day) | 0.2 | 0.23 | 0.31 | 0.31 |
| DIMENSIONS | | | | |
| Necktube (in/mm) | 3.6/91.4 | 3.6/91.4 | 5.0/127 | 5.0/127 |
| Overall Dia. (in/mm) | 15.6/396.2 | 15.6/396.2 | 18.8/477.5 | 18.8/477.5 |
| Height (in/mm) | 19/482.6 | 24.25/615.9 | 26.8/680.7 | 26.8/680.7 |
| WEIGHT | | | | |
| Empty (lb/kg) | 21.6/9.8 | 26.4/12 | 38.2/17.3 | 38.2/17.3 |
| Full Weight (lbs/kg) | 43/19.5 | 62/28.1 | 105.9/48 | 104.7/47.5 |
| CAPACITY | | | | |
| Number of Canisters | 6 | 6 | 10 | 6 |
| Canister Dimensions (in/mm) | 2.75 x 5 70 x 127 | 2.75 x 11 70 x 279.4 | 2.75 x 11 69.9 x 279.4 | 4.13 x 11 104.9 x 279.4 |
| Number of .5 cc Straws - Bulk (1 Level) | 490 | N/A | N/A | N/A |
| Number of .25 cc Straws - Bulk (1 Level) | 1010 | N/A | N/A | N/A |
| Number of 1.2 & 2.0 ml Vials | N/A | N/A | N/A | N/A |
| 1.2ml & 2.0 ml vials (5/cane) | N/A | 570 | 950 | 1260 |
| 1.2ml & 2.0 ml vials (6/cane) | N/A | 684 | 1140 | 1512 |
| .5 cc Straws (10/cane) | N/A | 1920 | 3200 | 4500 |
| .5 cc Straws- Bulk (2 Levels) | N/A | 4800 | 8000 | N/A |
| .25 cc Straws (28/cane) | N/A | 5376 | 8960 | 12600 |
| .25 cc Straws- Bulk (2 Levels) in Goblets | N/A | 10740 | 17200 | N/A |

Note: 35HC has been replaced with the ICB 35-10
 35VHC has been replaced with the ICB 35-6
 34HC has been replaced with the ICB 34

