

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 11 70 x 279.4	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)	2940	N/A	N/A	N/A
Number of .25 cc Straws – Bulk (1 Level)	6060	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 TW35-10.
34HC has been replaced with the TW34.



MADE IN USA



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