

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

Type - designation	12HCL	20HC	34HC	38HC	38VHC	
LN ₂ - Capacity	l	12	20	34	38	38
Static Hold Time	Days	60	87	200	120	120
Working Time Days	Liquid	—	—	—	75	—
Evap. Rate	l/Day	0.2	0.23	0.17	0.31	0.31
Necktube	in mm	3.6 91.4	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	18.8 477.5
Height	in mm	19 482.6	24.25 615.9	26.3 66.8	26.8 680.7	26.8 680.7
Weight Empty	lb kg	21.6 9.8	26.4 12	35.38 16	38.2 17.3	38.2 17.3
Full Weight	lb kg	43 19.5	62 28.1	95.9 43.5	105.9 48	104.7 47.5
Number of Canisters		6	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 70 x 279.4	2.75 x 11 70 x 279.4	4.13 x 11 104.9 x 279.4
Capacity No. of .5 cc Straws, Bulk (1 Level)		2940	—	—	—	—
Capacity No. of .25 cc Straws, Bulk (1 Level)		6060	—	—	—	—
Capacity No. of 1.2 ml & 2.0 ml Vials (5/cane)		—	570	570	950	1260
Capacity No. of 1.2 ml & 2.0 ml Vials (6/cane)		—	684	684	1140	1512
Capacity No. of .5 cc Straws (10/cane)		—	1920	1920	3200	4500
Capacity No. of .5 cc Straws, Bulk (2 Levels)		—	4800	4800	8000	—
Capacity No. of .25 cc Straws (28/cane)		—	5376	5376	8960	12600
Capacity No. of .25 cc Straws, Bulk (2 Levels) in Goblets		—	10740	10740	17200	—

Note: 35HC has been replaced with the TW 35-10