



STANDARD SPECIFICATIONS

Model/Size	H290075	H350075	H420145	H500302	H590336	H610454	H700676	H610620	H700790
Nominal Water Capacity (cu. in)	75	75	145	302	336	454	676	620	790
Nominal Length "L" (in)	11.80	8.95	11.48	16.44	13.47	17.00	19.00	22.00	22.00
Nominal Inside Diameter (in)	2.93	3.45	4.17	4.99	5.87	6.13	6.97	6.13	6.97
Minimum Wall Thickness (in)	0.037	0.037	0.042	0.047	0.050	0.069	0.055	0.060	0.060
Approximate Weight (lbs)	1.7	1.9	3.0	6.0	6.3	10.0	11.8	13.5	16.5

MATERIAL

Shell & Base - AISI C1008 Mild Steel
 Collar - AISI 1018 - Low Carbon Steel

TYPICAL SIDEWALL PROPERTIES

- Tensile Strength - 90,000 psi
- Yield Strength - 80,000 psi - Burst occurs in sidewall-ductile failure mode with no fragmentation - typical burst is 2,000 psi.
- Cylinders 100% tested at 585 psi (40 BAR).
- Cylinders comply with CGA-C1 permanent expansion requirements (>90% elastic at 585 psi).
- Component listed with, or manufactured to UL 299 fire extinguisher component requirements for 195 psi service pressure.
- Meets US DOT fire extinguisher cylinder non-specification requirements as per CFR 49 173.309.
- Meets various other low pressure product requirements.

Sizes not shown above and US DOT Specification 4B cylinders are available.
 DOT 39 cylinder shells and custom application pressure vessels, filter housings etc. are also manufactured.