



WORTHINGTON
CYLINDERS

Surrounded by Quality™



INDUSTRIAL GAS

FIRE EXTINGUISHER CYLINDERS



SPECIFICATIONS

CYLINDER MODEL	NOMINAL WATER CAPACITY (CU. IN.)	NOMINAL LENGTH "L" (IN.)	NOMINAL INSIDE DIAMETER "I.D." (IN.)	MINIMUM WALL THICKNESS "W" (IN.)	APPROX. WEIGHT (LBS)
H290075	75	11.80	2.93	0.037	1.7
H350075	75	8.95	3.45	0.037	1.9
H420145	145	11.48	4.17	0.042	3.0
H500302	302	16.44	4.99	0.047	6.0
H590336	336	13.47	5.87	0.050	6.3
H610454	454	17.00	6.13	0.069	10.0
H700676	676	19.00	6.97	0.055	11.8
H610620	620	22.00	6.13	0.060	13.5
H700790	790	22.00	6.97	0.060	16.5

NOTES:

- Material – Shell - AISI C1008 Mild steel: C – 0.10; Mn – 0.50; P – 0.025; S – 0.015 (% maximums), Collar - AISI 1018 – Low Carbon Steel, Base - AISI C1008 Mild Steel – see shell
- Typical sidewall properties - Tensile strength – 90,000 P.S.I. - Yield Strength – 80,000 P.S.I. Burst occurs in sidewall – ductile failure mode with no fragmentation – typical burst is 2,000 P.S.I.
- Cylinders 100% tested at 585 P.S.I. (40 Bar). Cylinders comply with CGA-C1 permanent expansion requirements (> 90% elastic at 585 P.S.I.).
- Component listed with, or manufactured to UL 299 fire extinguisher component requirements for 195 P.S.I. 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 8AL, DOT 39 cylinder shells and custom application pressure vessels, filter housings etc. are also manufactured.

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