

Hydraulic Shock Arrestors

HydroGuard™



Features

- Maintenance-Free
- FDA Approved Chlorobutyl Diaphragm Design
- Patented Stainless-Steel, Nylon, or Noryl® Water Connection
- Exterior Polyurethane & Epoxy-Primed Paint Finish
- Leak-Free, O-Ring Sealed Air Valve Cap
- Comprehensive Testing on Every Arrestor

Model	Connection	Nominal Volume		Net Weight		Gross Weight		Dimensions			
		gallon	liter	lb	kg	lb	kg	A		B	
HGNSA-0.16LX	1/2" SS	0.04	0.16	0.66	0.30	0.72	0.33	4.44	11.30	3.34	8.50
HGBSC-0.3LX	1/2" Noryl®	0.08	0.30	0.79	0.36	0.85	0.39	4.05	10.30	3.81	9.70
HGBSC-0.5LX	1/2" Noryl®	0.13	0.50	0.81	0.37	0.88	0.40	5.31	13.50	4.44	11.30
HGBSF-0.6LX	1/2" Noryl®	0.16	0.60	1.14	0.52	1.25	0.57	6.41	16.30	3.81	9.70
HGPSO-1LX	1/2" Nylon	0.26	1.00	1.49	0.68	1.69	0.77	5.62	14.30	5.35	13.60
HGPSR-1LX	1/2" SS	0.26	1.00	1.76	0.80	1.94	0.88	7.75	19.70	4.72	12.00
HGPSO-2LX	3/4" Nylon	0.52	2.00	2.68	1.22	2.91	1.32	6.22	15.80	6.69	17.00
HGNPA-2LX*	1" NPT SS	0.52	2.00	2.29	1.04	2.49	1.13	8.22	20.90	4.96	12.60
HGNPA-4LX*	1" NPT SS	1.05	4.00	3.28	1.49	3.83	1.74	10.27	26.10	6.37	16.20

Note: Minor dimensional variation may occur. Maximum working pressure: 150 psi | 10 bar. Maximum operating temperature: 194°F | 90°C.
 Factory pre-charge: 15 or 58 psi | 1 or 4 bar.
 *Factory pre-charge: 28 psi | 1.9 bar

HydroGuard™ shock arrestors are specially designed for hydraulic hammer arresting applications.

They are built to reduce or eliminate hydraulic shock, otherwise known as water hammer. They do this by absorbing pressure surges within the water or other fluids that are suddenly stopped or forced in other directions by fast closing valves. HydroGuard™ shock arrestors are best used at the point of shock and should be installed as close to the valve or piping where the shock originates.

HydroGuard™ shock arrestors are designed with the latest diaphragm technology. A high-grade butyl diaphragm is sealed inside the vessel creating a barrier between fluid and air chambers. The air chamber acts as a cushion which compresses when system pressure suddenly increases or surges as a result of hydraulic shock. HydroGuard™ shock arrestors are quality tested at several stages along the production line to ensure overall structural integrity.

HydroGuard™ shock arrestors represent the best value for your investment and are the highest quality shock arrestors available in the market!

