



3433 N. Sam Houston Pkwy W.
 Suite #400, Houston, TX 77086
 Toll Free: (800) 566-7857
 Office: (713) 673-5186
 Fax: (713) 400-3368
sales@flowguardusa.com
www.flowguardusa.com

HG Series Pulsation Dampener

ASME VIII Design with a Threaded Connection

Model Number	Volume (Liters)	ASME VIII		Standard Connection (NPT)	Outside Diameter (inches)	Overall Length (inches)	Approx. Weight (lbs)
		Pressure Rating (BarG)	Pressure Rating (PSIG)				
HG-10	0.1	478	6933	1/2"	3.00	6.61	11
HG-20	0.25	487	7063	1/2"	3.75	7.83	19
HG-30	0.5	345	5004	1"	4.00	10.16	24
HG-40	1	298	4322	1"	5.25	10.35	45
HG-50	2	298	4322	1"	5.25	16.06	62
HG-52	2.75	298	4322	1"	5.25	20.75	75
HG-57	3.5	201	2915	1-1/2"	6.50	17.80	105
HG-60	5	163	2364	2"	7.50	18.43	131
HG-70	7.5	163	2364	2"	7.50	22.64	152
HG-77	10	163	2364	2"	7.50	28.23	182
HG-80	15	152	2205	2"	10.50	29.33	383
HG-90	30						
HG-100	50						
HG-200	100						

Please contact Flowguard USA for design details.

All designs are fully customizable including, but not limited to: pressure rating, connection size & type and materials of construction.

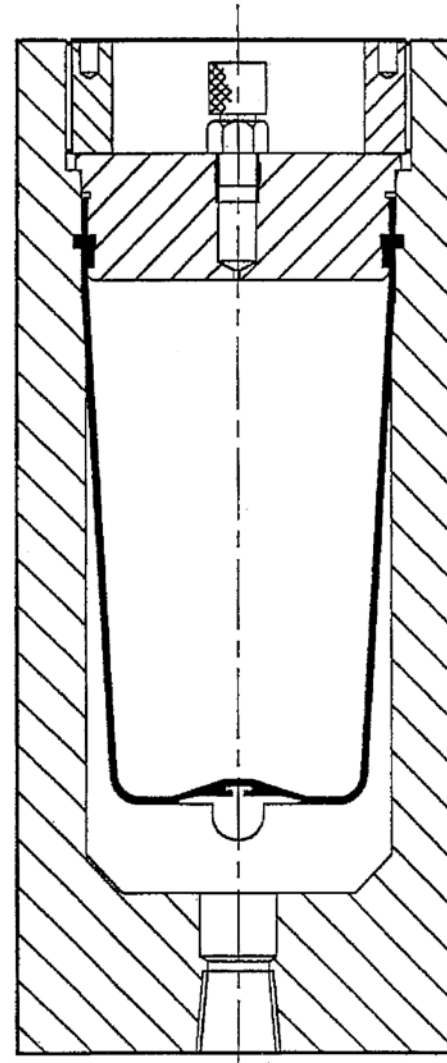
Above values are based on standard vessel design with 316 Stainless Steel construction and ASME VIII, Div. 1 design calculations at 50°C (122°F).

Common elastomer materials: NBR, EPDM, Viton, Butyl, Hypalon, Hydrogenated NBR, Peroxide-Cured EPDM. Food Grade elastomers available upon request.

Common shell materials: 316 SS, Hastelloy C, Monel, Titanium, Duplex SS, Alloy 20 and Carbon Steel.

Fully customizable for design pressures up to 1379 BarG (20,000 PSIG).

For applications requiring a PTFE membrane, refer to FD or FB Series Dampeners.



- Maintenance friendly top access
- Proprietary Charging Valve with dual seated, poppet design
- Choice of steel shell materials
- Choice of elastomer bladder materials
- Fully customizable process connection (threaded or flanged)
- Material Certificates
- Welding Procedures
- Design Calculations
- Compliance to most project specifications



Unofficial drawing - For quotational purposes only.

Published July 2010. Data subject to change without notice.