

# HIGH-FLOW STAINLESS STEEL POP-OFF VALVES



## 9952

0–189 LPM  
34.5–120 BAR  
0–50 GPM  
500–1,750 PSI

## 9953

0–189 LPM  
103–207 BAR  
0–50 GPM  
1,500–3,000 PSI



## High-Quality, Corrosion Resistant Secondary Pressure Protection

By building on the simplicity and strength of our 95 lpm pop-off valve design, Cat Pumps engineers have designed a larger, higher flow stainless steel pop-off valve series that tackles the most demanding industrial applications. Models 9952 and 9953 have the added benefit of corrosion resistant stainless steel bodies, springs and internal components.

Cat Pumps recommends using a primary pressure regulating device like a pressure regulator or unloader and a secondary pressure relief device like a pop-off valve to ensure the safety of operators and their equipment. In the event of a primary valve failure, a pop-off valve allows liquid to flow freely, preventing pump and system damage. Over-pressurisation can result in costly damages and system failure, leading to detrimental downtime.

Cat Pumps industrial-duty pop-off valves provide an economical choice over conventional safety relief valves. Lightweight and compact, these pop-off valves are perfect for installation in the discharge line to relieve excessive pressure. Since these products are from Cat Pumps, you know they are built to last. Keep your equipment safe and running with Cat Pumps.

### Features:

- Provides backup protection as a secondary pressure relief valve to ensure complete pressure relief for maximum pump and system protection.
- All stainless steel construction ensures corrosion resistance against saltwater and a wide range of chemicals.
- The lightweight, compact design quickly and conveniently mounts directly into the discharge line for high-pressure protection.

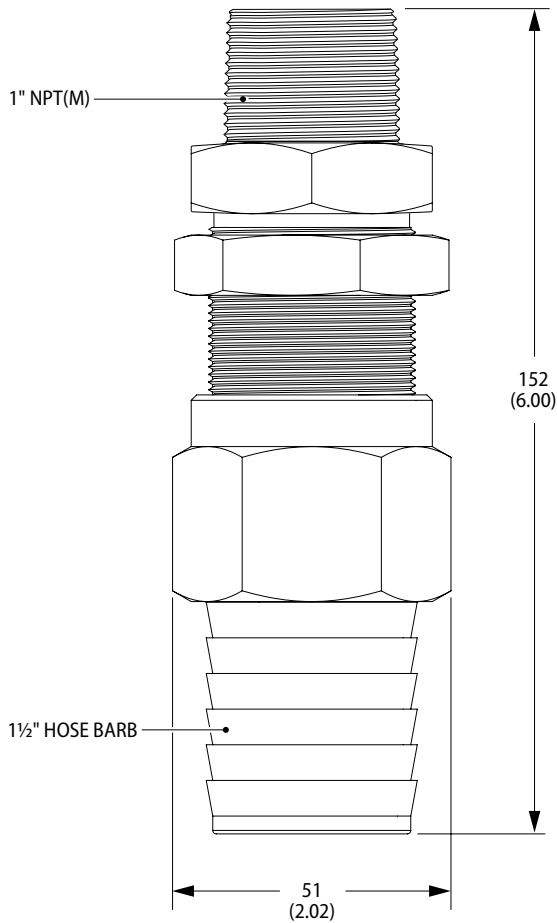
### Typical Applications:

- Salt and Brackish Water Desalination (SWRO)
- Leachate Treatment
- Gas Turbine Cooling
- Industrial Wastewater Treatment and Reclamation
- Central Cleaning Systems in Food Processing
- Water Treatment
- High-Flow and Pressure Chemical Processing
- Multi-Gun Systems

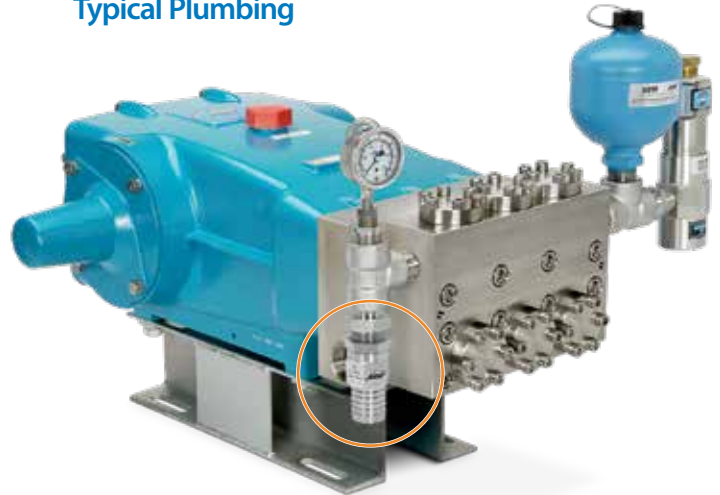
## Specifications

MODEL	FLOW RANGE	PRESSURE RANGE	MAXIMUM RELIEF SETTING	MAXIMUM OPERATING TEMPERATURE	INLET PORT	DISCHARGE HOSE BARB	WEIGHT	DIMENSIONS
9952	0–189 lpm 0–50 gpm	34.5–120 bar 500–1750 psi	133 bar   1925 psi	82° C   180° F	1" NPT(M)	1½"	0.93 kg 2.04 lbs	152 x 51 mm 6.0 x 2.02"
9953		103–207 bar 1500–3000 psi	228 bar   3300 psi					

## Dimensions



## Typical Plumbing



Contact Cat Pumps for more information at [sales@catpumps.co.uk](mailto:sales@catpumps.co.uk) or +44 (0) 1252 622031.



**CAT PUMPS (U.K.) LTD.**  
 1 FLEET BUSINESS PARK, SANDY LANE, CHURCH CROOKHAM  
 FLEET, HAMPSHIRE GU52 8BF, ENGLAND  
 P: +44 (0)1252 622031  
[sales@catpumps.co.uk](mailto:sales@catpumps.co.uk) | [www.catpumps.co.uk](http://www.catpumps.co.uk)

For International inquiries go to [www.catpumps.co.uk](http://www.catpumps.co.uk) and navigate to the "Contact Us" link.

©2024 Cat Pumps Corporation. All rights reserved. All written and visual data contained in this document are based on the latest product information available at the time of publication. Cat Pumps reserves the right to make changes at any time without notice. All other brand names or marks are used for identification purposes and are trademarks of their respective owners.