

Seal Water Control and Filter Systems

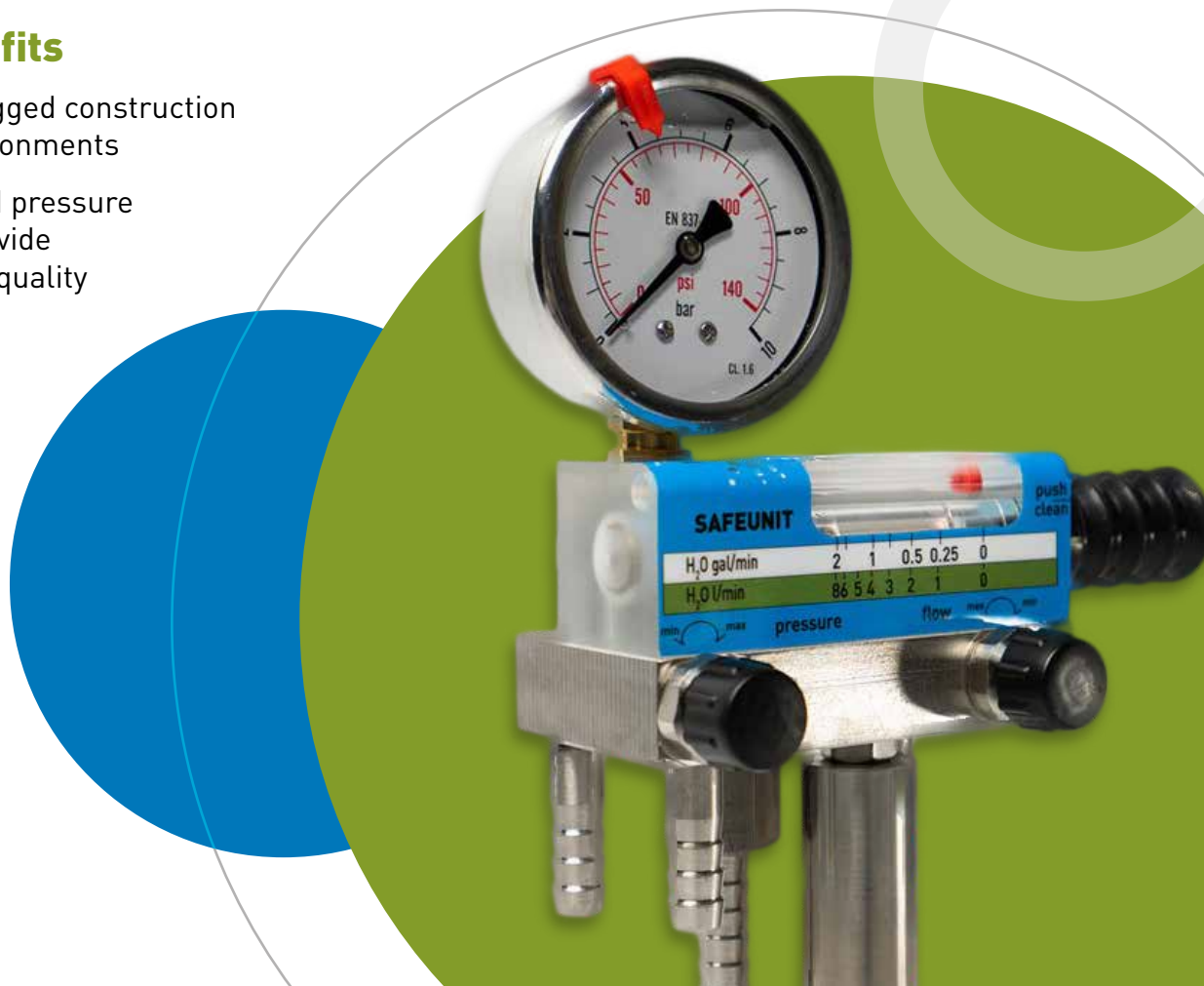
Control, monitoring and filtering solutions

Product description

The growing demand for process industries to reduce water consumption and lower energy costs, while maintaining productivity and reliability can be a major challenge. At John Crane, we offer a range of seal water filtering, control and monitoring solutions to reduce water consumption, while meeting your water flow and pressure requirements, without increasing treatment costs.

Design benefits

- Heavy-duty rugged construction for harsh environments
- Filter, flow and pressure controls to provide optimal water quality
- Integrated alarm option



Control, monitoring and filtering solutions

To increase efficiency, your equipment needs to be reliable. John Crane's Safeunit™, SafeUnit Ultima and Smartflow systems, control seal water flow and pressure in varying conditions, providing you with the water savings needed in order to lower energy costs while increasing plant reliability. John Crane's Safeclean, Safefilter and SafeJet products eliminate pollutants and impurities that can cause seal malfunctions or unnecessary wear, ensuring extended seal life and equipment availability.



Type	Seal water flow system	Seal water filter	Models available	Standard flow rates	Standard pressure ranges	Water savings opportunities
SafeUnit	X		SFQ, SFP, SFD	Up to 3 l/min / 0.75 gpm, 8 l/min / 2 gpm	up to 6 bar(g) / 90 psi(g), 10 bar(g) / 145 psi(g)	50%
SafeUnit Ultima	X		SUQ, SUP, SUD	Up to 3 l/min / 0.75 gpm	up to 6 bar(g) / 90 psi(g), 10 bar(g) / 145 psi(g)	50%
SmartFlow	X		SFC-IG, SFC	on/off	up to 16 bar(g) / 224 psi(g)	→95%
SafeJet		X		160 l/min / 42 gpm, 230 l/min / 60 gpm, 330 l/min / 87 gpm, 500 l/min / 132 gpm	10 barg(g) / 145 psi(g)	n/a

Together, we will work with you to keep your mission-critical operations up and running, with support and guidance from our experienced team.



North America
United States of America
Tel: 1-847-967-2400
Fax: 1-847-967-3915

Europe
United Kingdom
Tel: 44-1753-224000
Fax: 44-1753-224224

Latin America
Brazil
Tel: 55-11-3371-2500
Fax: 55-11-3371-2599

Middle East & Africa
United Arab Emirates
Tel: 971-481-27800
Fax: 971-488-62830

Asia Pacific
Singapore
Tel: 65-6518-1800
Fax: 65-6518-1803

smiths
bringing technology to life

If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made of PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO 14001 Certified, details available on request.