

SEAL WATER CONTROL AND FILTER SYSTEMS

CONTROL, MONITORING AND FILTERING SOLUTIONS



DESIGN BENEFITS

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

PRODUCT DESCRIPTION

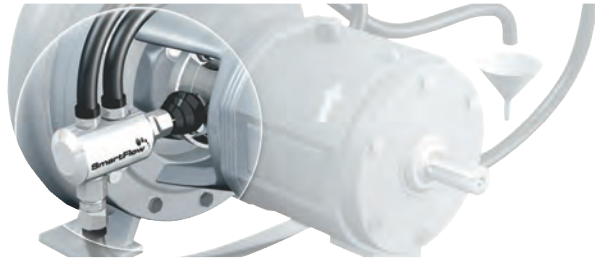
■ ■ ■ ■ The growing demand for process industries to reduce water consumption and lower energy costs, while maintaining productivity and reliability can be a major challenge. At John Crane, we offer a range of seal water filtering, control and monitoring solutions to reduce water consumption, while meeting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



Your Name
Is How We Make Ours

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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 0.75 gpm/3 l/min, 2 gpm/8 l/min	up to 90 psi(g)/ 6 bar(g), 150 psi(g)/ 10 bar(g)	50%
Safeunit Ultima	X		SUQ, SUP, SUD	Up to 0.75 gpm/3 l/min, 2 gpm/8 l/min	up to 90 psi(g)/ 6 bar(g), 150 psi(g)/ 10 bar(g)	50%
Smartflow	X		SFC-IG, SFC	on/off	up to 224 psi(g)/ 16 bar(g)	→95%
Safefilter		X		4-7.5 gpm/ 1-30 l/min		n/a
Safejet		X		40 gpm/ 160 lmin, 57gpm/230 l/min, 82gpm/330 l/min, 125gpm/500 l/min	140 psi(g)/10 bar(g)	n/a
Safeclean		X		sizes starting from 36 gpm/140 l/min up to 395gpm/1500 l/min	84 psi(g)/6 bar(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.



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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 from PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO 14001 Certified, details available on request.