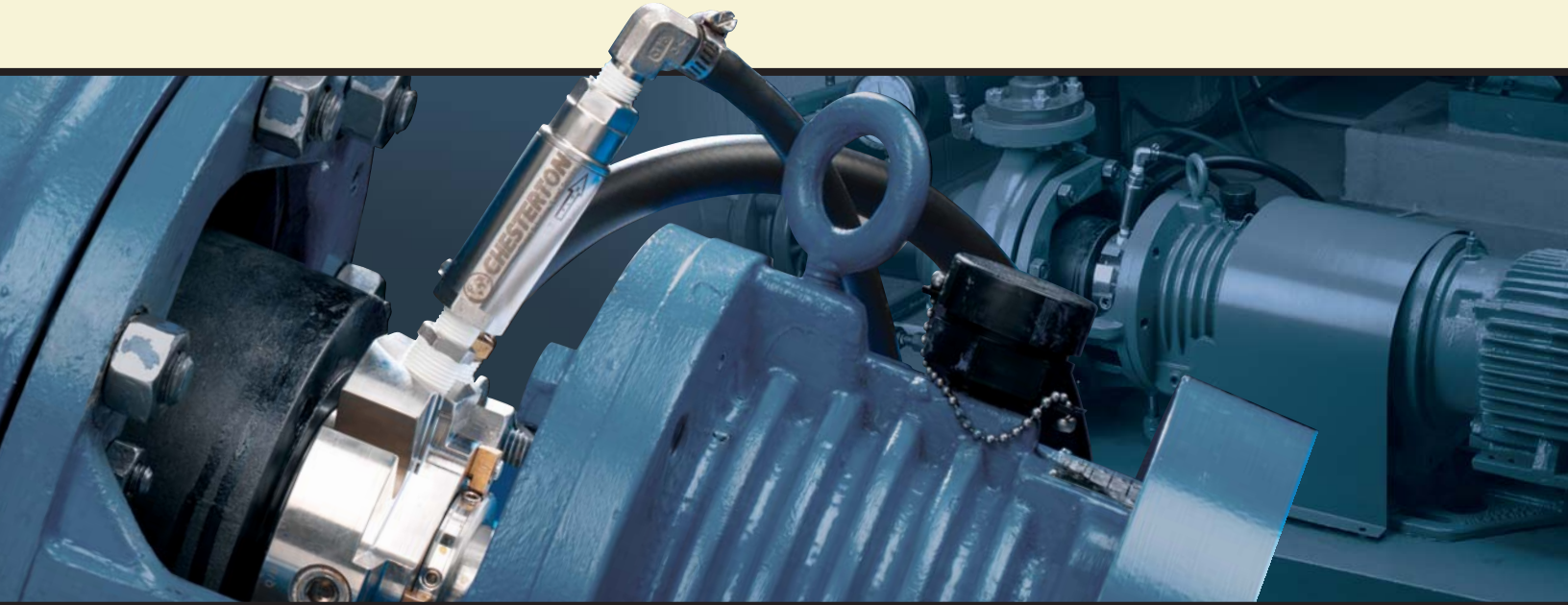


INTELLIFLOW

CHESTERTON T-30 INTELLIFLOW™ WATER SAVER



Features

- Maximizes plant water savings
- Easy to install
- Simple upgrade for existing applications
- Maintenance free
- Automatic operation

Chesterton's T-30 IntelliFlow™

WaterSaver is the ultimate flowcontroller for dual mechanical seals. The IntelliFlow features a thermally activated valve that automatically drains hot barrier fluid only when the necessary to keep the seal running cool and reliable. With IntelliFlow over 90% savings in water usage are achievable compared to traditional open dual seal water supply systems found commonly in industry.

EASY TO INSTALL

EASY TO MAINTAIN

Easy to Install

The T-30 IntelliFlow™ is specifically designed to work with Chesterton's Dual mechanical seals and plugs straight into the drainport of the seal. The flushwater supply simply connects to the inlet of the seal and the system is ready to start. There are no additional external hoses to be connected or modifications to the seal required to make the IntelliFlow system work. Existing seal installations can therefore be easily upgraded to the T-30 IntelliFlow.



100% Mechanical Operation

The IntelliFlow is a 100% mechanical device and requires no electricity or wiring.

Maximum Water Savings

A calibrated thermal valve continuously senses the temperature of the barrier fluid and only opens when the temperature of the barrier fluid exceeds the preset temperature to release hot fluid and cool down the seal. The T-30 IntelliFlow temperature setting is optimized for Chesterton's dual mechanical seals to maximize water savings*.

* Barrier fluid quality will affect water savings potential, refer to T-30 IntelliFlow installation instructions for seal water quality guidelines.

Easy to Maintain

Designed for ease of maintenance, the T-30 IntelliFlow is a maintenance-free system that requires no additional maintenance and monitoring.

**WATER SAVINGS with S20 SC/SC-SC/CB
at 85 psi/6 barg at 1750 rpm**

TEMPERATURE		WATER USAGE		SAVINGS
°C	°F	lit/hr	gph	Percent
75	170	5	1.3	98%
120	250	7	1.9	97%

**WATER SAVINGS with 280 SC/SC-SC/CB
at 85 psi/6 barg at 1750 rpm**

TEMPERATURE		WATER USAGE		SAVINGS
°C	°F	lit/hr	gph	Percent
75	170	10	2.6	95%
120	250	14	3.8	94%

T-30 IntelliFlow Item #157479
Optional Flush Housing Item # 157961

ISO certifications available on www.chesterton.com/corporate/iso



860 Salem Street
Groveland, MA 01834 USA
Telephone: 781-438-7000
Fax: 978-469-6528
www.chesterton.com

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