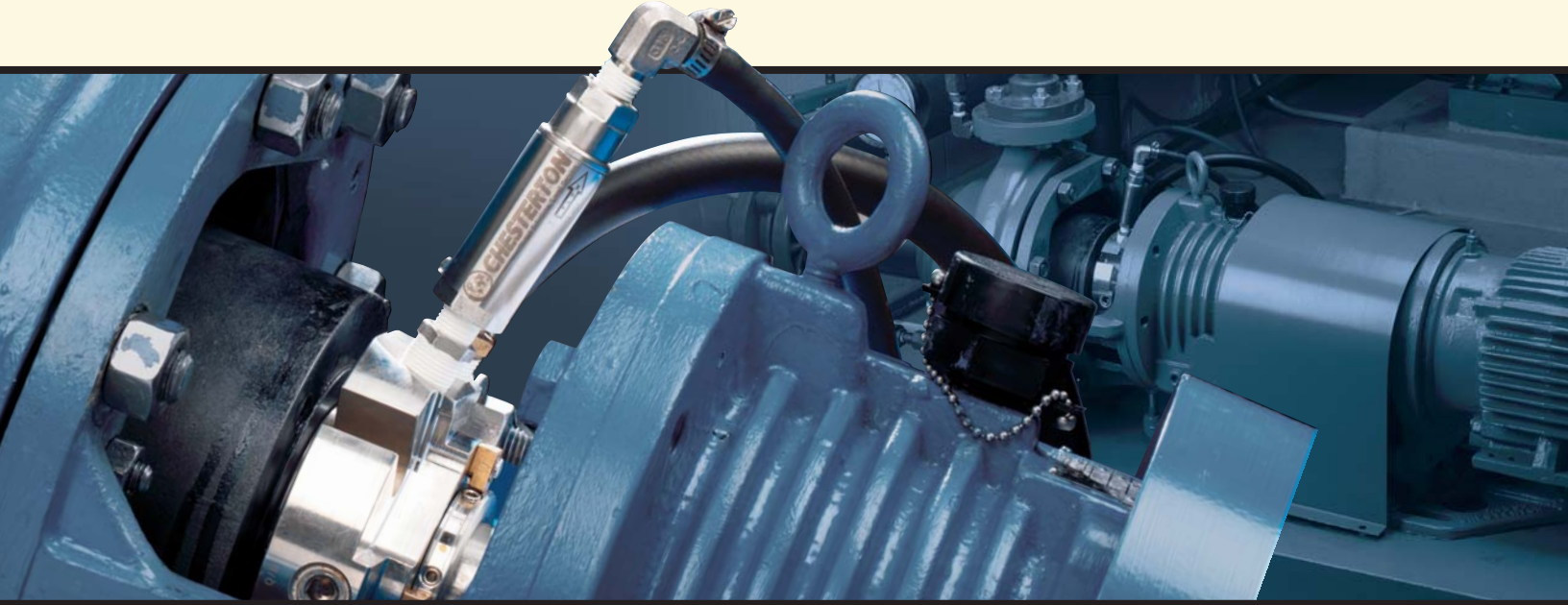


# INTELLIFLOW

CHESTERTON® INTELLIFLOW™ WATER SAVER



## Features

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

## Chesterton's IntelliFlow Water Saver

is the ultimate flow controller for dual mechanical seals. The IntelliFlow features a thermally activated valve that automatically drains hot barrier fluid only when necessary to keep the seal running cool and reliable. You can realize a greater than 90% savings in water usage with Chesterton IntelliFlow Water Saver over traditional open seal water supply systems found in industry.

# EASY TO INSTALL

## EASY TO MAINTAIN

### Easy to Install

Designed for use with Chesterton seals, the IntelliFlow plugs into the drain port of the seal. The flush water supply simply connects to the inlet of the seal and the system is ready to start. Existing installations can be easily upgraded to the IntelliFlow solution.

### No Hassle, No Wires

Designed for ease of maintenance, the IntelliFlow is a 100% mechanical device that requires no additional modification, maintenance, monitoring, or electrical wiring.



IntelliFlow HT

IntelliFlow T-30

### Clean in Place

The IntelliFlow HT includes an integrated flush housing that allows easy, online cleaning when needed.

### Maximum Water Savings

A calibrated thermal valve continuously senses the temperature of the barrier fluid and opens only when the temperature of the barrier fluid exceeds the preset temperature to release hot fluid and cool the seal.

*The IntelliFlow HT maximizes water savings specifically on high temperature applications found in pulp mills.*

### Water Savings\* with IntelliFlow T-30 and 280™ Seal

PROCESS TEMPERATURE		WATER CONSUMPTION		SAVINGS
°C	°F	l/hr	gph	Percent
50	122	12	3.2	95
75	167	16	4.2	93
100	212	22	5.8	92

\*Savings based on: Previous Flow rate: 4 l/min Seal Size: 65 mm/2.5"

### Water Savings\* with IntelliFlow HT and S20 Seal

PROCESS TEMPERATURE		WATER CONSUMPTION		SAVINGS
°C	°F	l/hr	gph	Percent
50	122	1	0.3	100
75	167	1.3	0.3	99
100	212	1.8	0.5	99

Faces: SC/SC-SC/CB Pressure: 6 bar g /85 psi Speed: 1750 rpm

Description	For use with	Reorder number
IntelliFlow T-30	280 Seal	Item No. 157479
IntelliFlow HT	S20 Seal	Item No. 319831

Chesterton ISO certificates available on [www.chesterton.com/corporate/iso](http://www.chesterton.com/corporate/iso)

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Technical data reflects results of laboratory tests and is intended to indicate general characteristics only.

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DISTRIBUTED BY:

860 Salem Street  
Groveland, MA 01834 USA  
Telephone: 781-438-7000  
Fax: 978-469-6528  
[www.chesterton.com](http://www.chesterton.com)

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