

In-Line Water Champ® Chemical Induction System

Product Sheet

SIEMENS

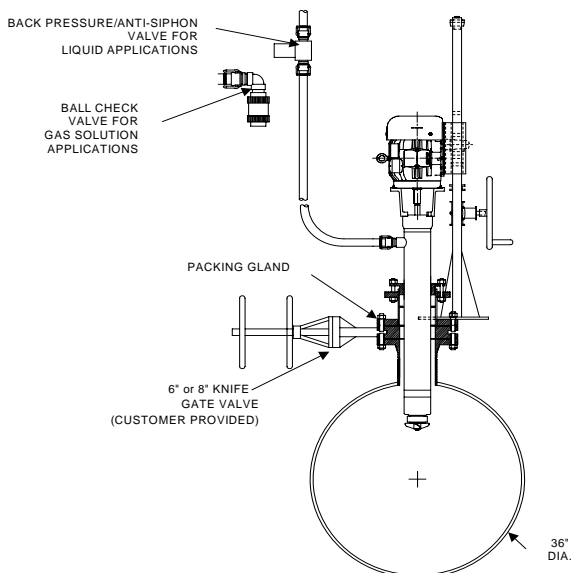
The In-Line Water Champ® (ILWC) Series is designed for chemical induction and mixing for closed conduits. All wetted materials are constructed of Grade 2 titanium (unalloyed). The all titanium construction of the induction body allows for use with many oxidants as well as coagulants. The rugged design and construction is characteristic of the Water Champ series of products.

The ILWC is fitted with a stainless steel packing gland assembly for mounting to standard flange sizes from 6". The unit can easily be retrofitted to existing conduits to provide superior flash mixing for optimal performance. In addition, optional insertion / retraction systems are available

Specifications

Wetted Materials	Grade 2 titanium (unalloyed)
Motor	3 to 20 HP
Max Gas Induction (Cl2)	*1500 to 10,000 ppd
Max Liquid Induction	*15 to 60 gpm

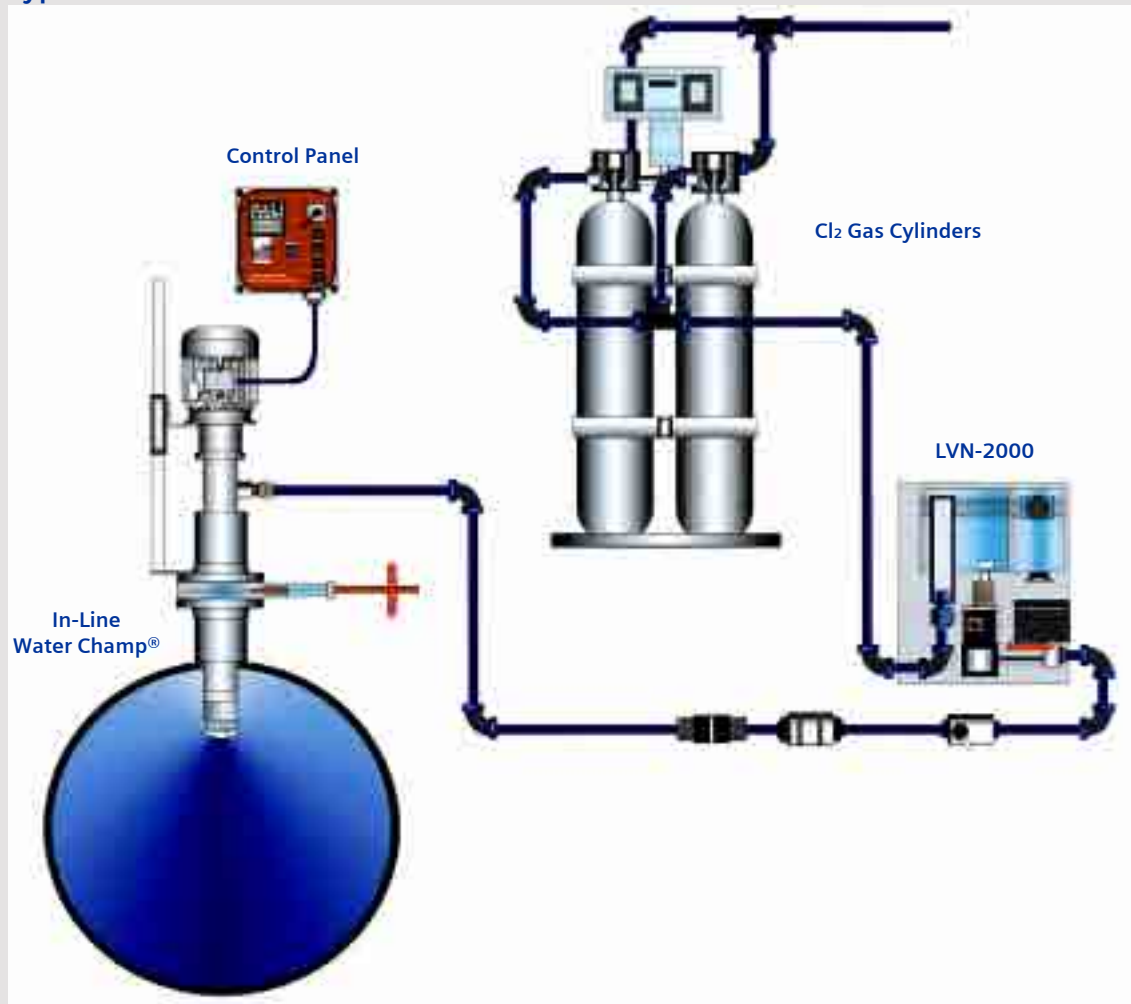
*Feed capacities are application dependent. Consult factory.



The In-Line Water Champ® Chemical Induction System Offers:

- Safe installation in closed conduit configurations
- Provides energy & chemical savings
- Eliminates downtime during construction
- Provides maximum chemical concentration with instantaneous diffusion and mixing

Typical Installation



PERFORMANCE SPECIFICATIONS

Model No.	HP	Maximum Gas Induction CL2 ppd (kg/d)	Maximum Liquid Induction GPM (LPM)	Maximum Vacuum in Hg. (bar)
ILWC3	3	1500* (680*)	15* (57*)	18 (.6)
ILWC5	5	3000* (1360*)	25* (94*)	22 (.74)
ILWC7.5	7.5	4500* (2041*)	30* (113*)	23 (.77)
ILWC10	10	6000* (2721*)	40* (151*)	23 (.77)
ILWC15	15	8000* (3628*)	50* (189*)	26 (.88)
ILWC20	20	10000* (4535*)	60* (227*)	26 (.88)

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Literature No. ST-ILWC-DS-1106
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