## The Best Solar-Powered Metering Pumps Under The Sun



### WILLIAMS Solar Chemical Injection Pump



An Ingersoll Rand Business

# The Best Solar-Powered Metering Pump Under The Sun

Wouldn't it be great if you could install a pump that would last forever?



That's why we designed the Williams Solar Chemical Injection Pump (SCIP). You can set it and forget it. The WILLIAMS SCIP Series of pumps will keep working day and night, even in the most remote locations and harshest environments, driven by power provided by the sun. No costly shut-downs. No loss of production. Just continuous pumping.

**Better Performance** - Simple installation, innovative design features and robust construction provides trouble-free performance.

**Better Value** - The superior dual-seal design provides a longer pump life requiring less maintenance, reduced operating costs and no seal packing to adjust.

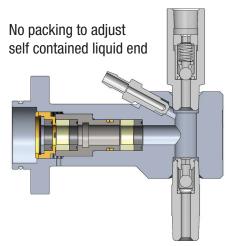
**Best Reliability** - From a company with over 85 years of metering pump expertise, the WILLIAMS SCIP metering pump is designed and built to perform consistently with the results you expect every day.

### WILLIAMS SCIP Series of Solar-Powered Pumps design features:

- Single-stage reduction, spur gears and integral cam
- Three (3) cam sizes (stroke length)
- Dual-seal proven design
- No packing to adjust
- Simplex and duplex heads
- Explosion-proof (optional)
- Two (2) plunger sizes, wide pressure capability
- Oil bath gear lubrication- to help ensure long life
- Self-contained (quick-change) 316 stainless steel liquid end design
- Plunger materials: 17-4ph stainless (standard)
- Ceramic (optional)
- Guided crosshead and seal
- 12 or 24 VDC power
- UL/CSA approvals

### **Engineered to last**

WILLIAMS SCIP pumps are designed with innovative features to deliver the ultimate in solar-powered performance.

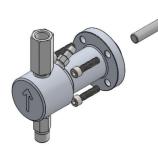


### Motor Specifications

- Permanent magnet motor (replaceable brushes)
- Voltage range 12 or 24 VDC
- HP rating: 1/16 hp
- Agency approvals: UL, CSA

#### Liquid End Specifications:

- Two plunger sizes, wide pressure capability
- Plunger material: SS-17-4ph harden (standard) and ceramic (optional)
- 316 stainless steel head
- Dual-seal proven design
- Suction and discharge check valves have TFE seat for long life and positive sealing



#### Drive Specifications:

- Universal drive for all pump configurations
- Three (3) cam sizes (stroke length)
- Single stage reduction, spur gears, and integral cam
- Designed specifically for the WILLIAMS SCIP pum

|                | PLUNGER | STROKE | PRESSURE PSI (BAR)          |                             |                            |                            |                             |                           |               |               |                            |                             |                             |                             |                            |  |
|----------------|---------|--------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|---------------------------|---------------|---------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|--|
|                |         |        | 100 <mark>(6.89)</mark>     | 250 (17.23)                 | 500 (34.47)                | 750 <mark>(51.71)</mark>   | 1000 <mark>(68.94)</mark>   | 1500 (103.42)             | 2000 (137.89) | 2500 (172.36) | 3000 <mark>(206.84)</mark> | 3500 <mark>(241.31</mark> ) | 4000 <mark>(275.79</mark> ) | 4500 <mark>(310.26</mark> ) | 5000 <mark>(344.73)</mark> |  |
| FLOW GPD (LPD) | 0.25    | 0.3    | 13.8 <mark>(52.23)</mark>   | 13.7 <mark>(51.86)</mark>   | 13.5 <mark>(51.1)</mark>   | 13.3 <mark>(50.34)</mark>  | 13.1 <mark>(49.58)</mark>   | 12.8 <mark>(49.58)</mark> | 12.4 (48.45)  | 12.0 (46.93)  | 11.6 <mark>(43.91)</mark>  | 11.2 <mark>(42.39)</mark>   | 10.9 <mark>(41.26)</mark>   | 10.5 <mark>(39.74)</mark>   | 10.1 <mark>(38.23)</mark>  |  |
|                | 0.25    | 0.45   | 20.6 (77.97)                | 20.4 (77.22)                | 20.0 ( <b>75.7</b> )       | 19.6 <mark>(74.19)</mark>  | 19.2 <mark>(72.67)</mark>   | 18.4 <mark>(69.65)</mark> | 17.6 (66.62)  | 16.8 (63.59)  | 16.0 <mark>(60.56)</mark>  | 15.2 <mark>(57.53)</mark>   |                             |                             |                            |  |
|                | 0.375   | 0.3    | 31.0 (117.34)               | 30.6 <mark>(115.83)</mark>  | 29.9 <mark>(113.18)</mark> | 29.2 <mark>(110.53)</mark> | 28.5 <mark>(107.88</mark> ) | 27.2 (102.96)             | 25.8 (97.66)  | 24.5 (92.74)  |                            |                             |                             |                             |                            |  |
|                | 0.375   | 0.45   | 48.2 <mark>(182.45</mark> ) | 47.4 <mark>(179.42</mark> ) | 46.0 (174.12)              | 44.6 (168.82)              | 43.3 <mark>(163.9)</mark>   | 40.5 (153.3)              |               |               |                            |                             |                             |                             |                            |  |
|                | 0.375   | 0.6    | 64.3 <mark>(243.4)</mark>   | 62.9 <mark>(238.1)</mark>   | 60.6 (229.39)              | 58.3 (220.68)              | 56.0 <mark>(211.98</mark> ) |                           |               |               |                            |                             |                             |                             |                            |  |

#### About Ingersoll Rand Inc.

Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRCO.com.



To discover why the WILLIAMS SCIP Series of Solar-Powered Pumps are the best pumps under the sun, contact your local representative or visit our website at: **williamspumps.com** 



Fully Self-Contained Packages protected from the elements

Stand-alone Systems for use with your existing tank



Visit the Apple or Android store to download our app to determine the SCIP model pump that's right for your application.



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