

Water Meters and Accessories H-20

800-EJP-24 HR

Invensys SRH Compound Meters



3" SRH Compound Meter

The SRH (Single Register High Performance) Magnetic Drive Compound Meters are intended for use in commercial, industrial and institutional cold water services in which accurate measurement of a wide range of low to high flows is required. Typical applications are for apartment dwellings, office buildings, hotels, schools, hospitals and smaller industrial facilities.

The SRH Compound Meter is essentially two meters within a single, cast bronze housing. All water enters and passes through the turbine chamber. At low flow rates, the water is diverted up through the positive displacement (bypass) measuring chamber. After passing through this chamber, the water passes over the valve and out of the meter. As the flow rate increases, the pressure against the swing action valve increases, forcing the valve to quickly swing to a full open position. The water then flows straight through the turbine chamber and out of the meter.

Conformance to Standards

These SRH Compound Meters meet or exceed all requirement of ANSI/AWWA Standard C-702 latest edition.

Specifications:

Normal Operating Flow Range

- 2" Size: 2 to 160 gpm
- 3" Size: 4 to 320 gpm
- 4" Size: 6 to 500 gpm
- 6" Size: 10 to 1000 gpm
- *8" Manifold Size: 16 to 1600 gpm

Accuracy (Except at crossover)

- 100% \pm 1.5% of actual thruput

Accuracy at Crossover

- 95% minimum

Low Flow Accuracy (95% minimum)

- 2" Size: $\frac{1}{4}$ gpm
- 3" Size: $\frac{1}{2}$ gpm
- 4" Size: $\frac{3}{4}$ gpm
- 6" Size: 1 $\frac{1}{2}$ gpm
- *8" Manifold Size: 2 gpm

Operating Pressure

- 150 psi maximum

* 8" manifold assembly consists of two (2) 4" compound meters, four (4) gate valves, two (2) flanged coupling adapters and two (2) reducing manifolds.

METER SIZE	PRODUCT NUMBER	
	100 CUBIC FEET REGISTRATION	1000 GALLONS REGISTRATION
2"	50325	50330
3"	50350	50355
4"	50405	50410
6"	50449	50447
*8"	NS	NS

NOTES:

- Compound Meters are normally a non-stock item. Please call your local EJP sales office for more information.
- Compound Meters include bronze companion flanges.
- All compound meters are available with TouchRead® System registers.
- Ask about Invensys Pre-Fab-Pak Compound Meter, pre-fabricated assemblies which include meters, valves, couplings, fittings and fabricated pipe; everything for a complete installation.