

Cypress™ Ultrasonic Flowmeter

Ultrasonic flowmeters designed for speed and ease.



Cypress is a compact lightweight flowmeter with external power and communications for long-term flow monitoring. The Cypress Flowmeter connects with your mobile device via bluetooth or to the SoundWater Flow Computer. Either way, it works with your SCADA/PLC systems. It's a single piece ultrasonic flowmeter that installs on the outside of your pipe in a snap—and senses flow through the pipe wall.

Whether you're using your mobile device or the Flow Computer, the setup is easy to follow. Quick, simple installation—5 minutes from start to finish.



Fast to install, easy to use.

SoundWater Advantages

MEASUREMENTS YOU CAN TRUST

Our proprietary SoundWater Reciprocity Architecture™ prevents zero-flow drift and eliminates the need for calibration, resulting in long-term measurement stability and accuracy.

INCREASES PRODUCTIVITY

Featuring compact lightweight construction and intuitive apps—our products streamline installation, training, and setup—saving you time and money.

MADE IN USA

Locally owned and operated out of Wenatchee, Washington, our products are built with American quality and ingenuity.

WORKS IN TOUGH APPLICATIONS

Our transducers auto-adjust ultrasonic power output depending upon pipe and fluid conditions—giving you more frequent measurements when things get tough (e.g., corroded pipe or murky fluid).

LONG LIFE / LOW MAINTENANCE

SoundWater products are built to last using the highest quality materials, gasketed & double O-ring seals, and silicone gel to protect electronics.

SERVICE & ACCOUNTABILITY

We establish long-term customer relationships based on trust and service. We will respond to your needs and requests within 24 hours.

Industries



Waterparks, Pools, and Aquariums



Building Commissioning and Maintenance



Agricultural Irrigation



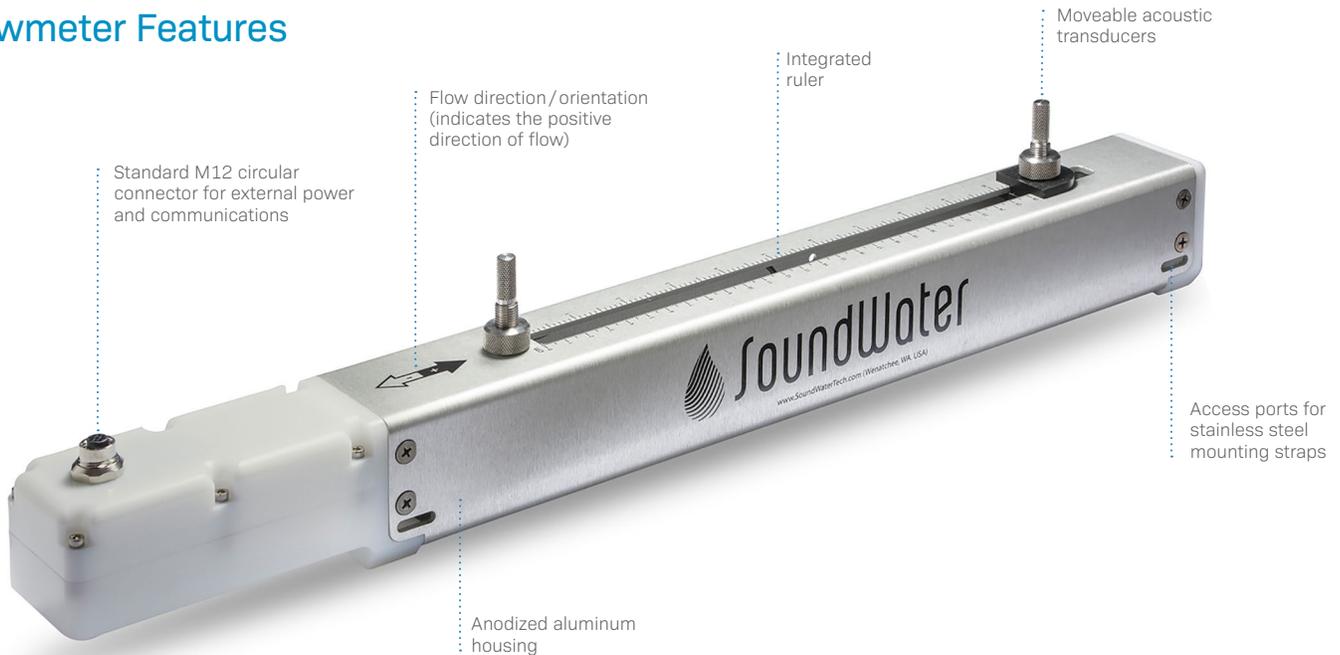
Building Water Management

Advantages & Features

- Long-term flow monitoring
- Connects with your SCADA/PLC
- SoundWater Reciprocity Architecture
- Auto-Adjusting Ultrasonic Power
- Compatible with Mobile Orcas App or SoundWater Flow Computer; intuitive setup and use
- One-piece construction; no assembly
- Gel-free transducers (optional)
- Wireless design



Flowmeter Features



Orcas App Features

Interactive smartphone/tablet control app — iOS or Android.

- Save location information
- Handy built-in pipe specifications—or add your own
- Drag and drop output selection
- English or metric units
- Languages: English, Spanish, Portuguese
- Easy-to-use data logging
- Select liner and liquid types—or define your own



Flow Computer Features

Interactive mounted screen for long-term flow monitoring.

- Connects with one or two flowmeters
- No contact with fluid
- Calculate analytics from two flowmeters
- Standard industrial outputs
- Touchscreen and intuitive app
- Install indoors or outdoors
- May be installed long distances from flow sensor



Dimensions

Cypress Txxx-C5



Cypress Txxx-C11



Cypress Txxx-CM5



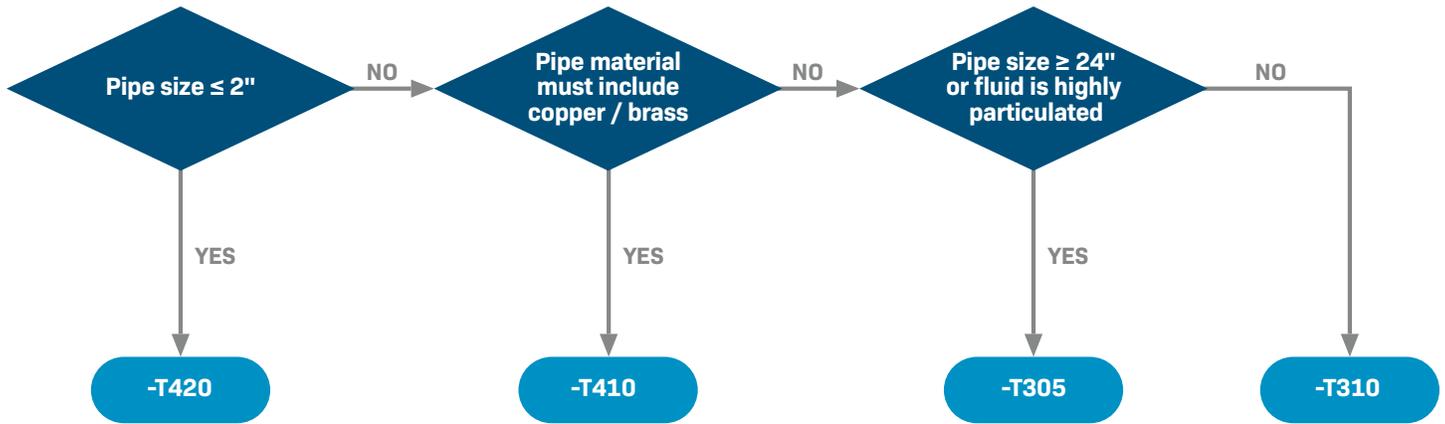
Cypress Txxx-CM11



Direct Mount (Cypress CM) Placement on Pipe



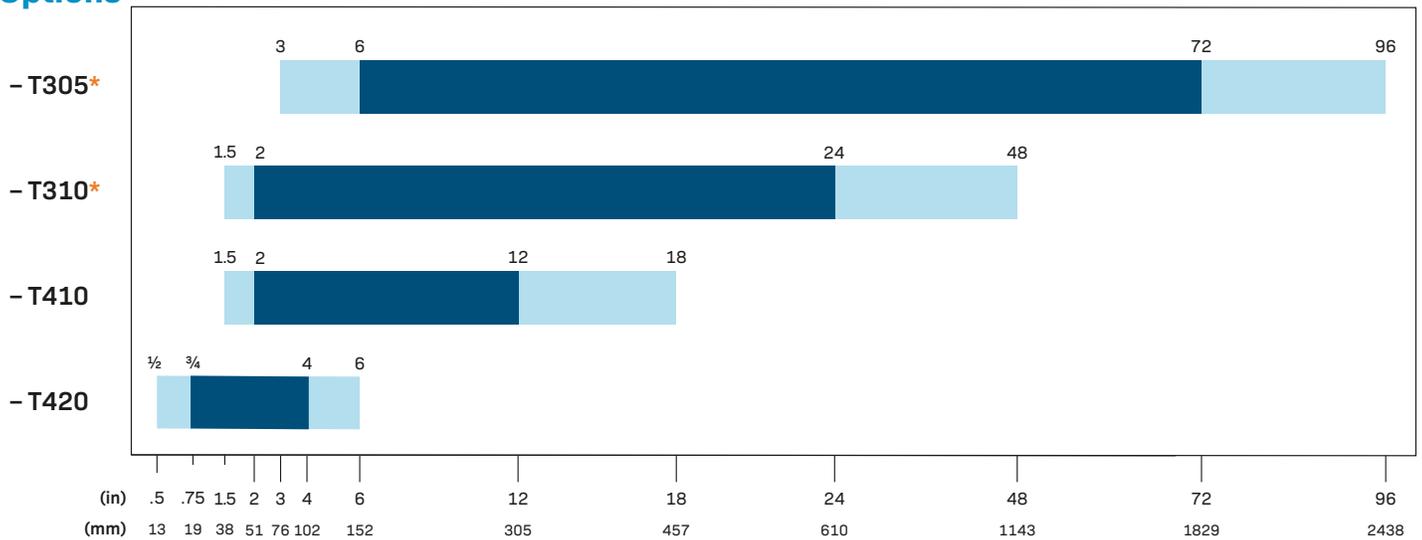
Transducer Selection



Transducer Selection Table

Transducer Options

■ Possible ■ Recommended



* Not compatible with copper or brass

Pipe Diameter

