IMPROVING THE EFFICIENCY OF SNOMAX® INJECTION SYSTEMS!

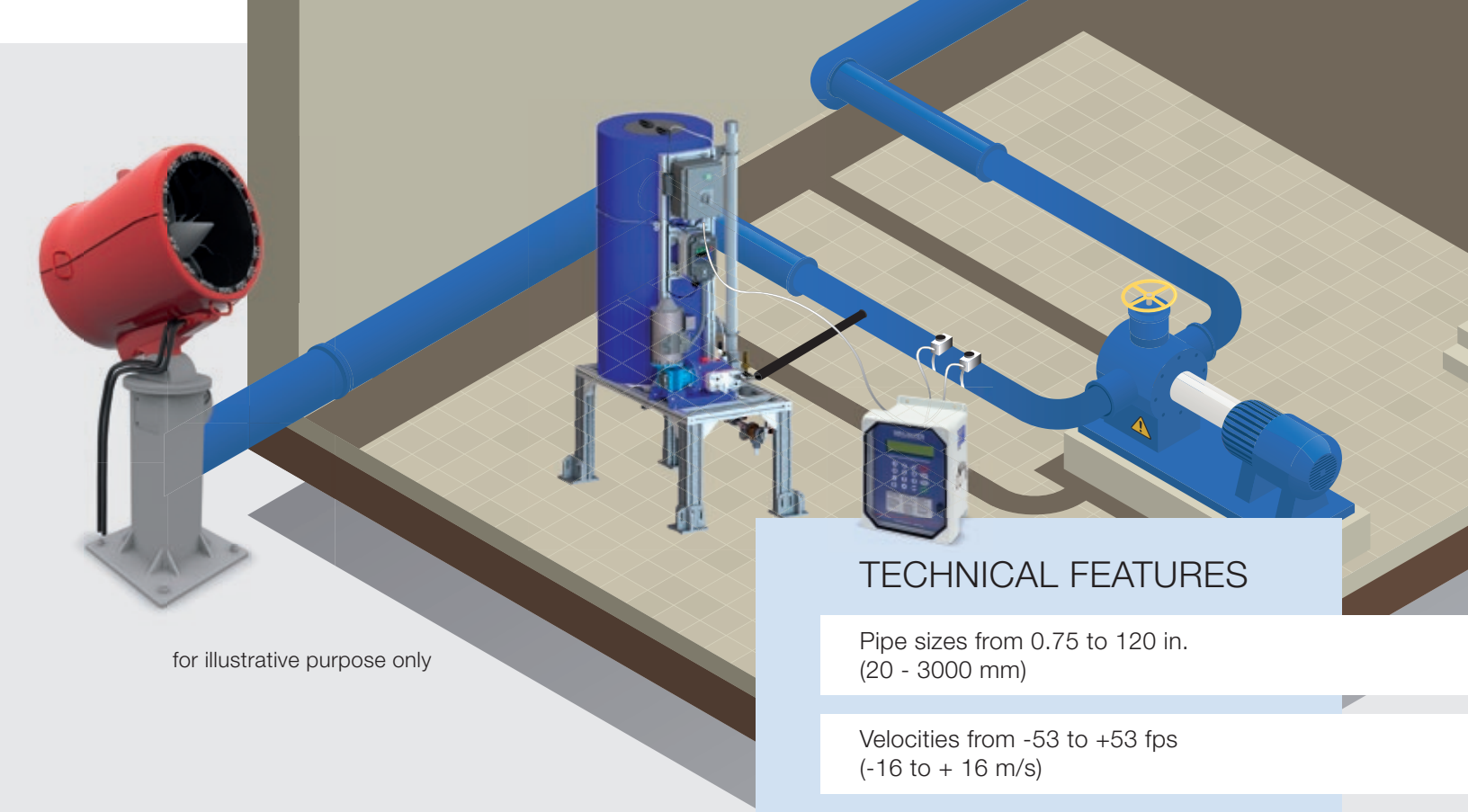
RUN AT THE PERFECT RATE! AND OPTIMIZE SNOMAX® PERFORMANCE.



By adding a flowmeter on your snowmaking system to measure accurately the volume of water pumped, the efficiency of the snow production with Snomax® can be increased. An accurate measurement of the water volume will make it possible to precisely adjust the injection rate of the Snomax® injection system. Running at the perfect rate at all time during snowmaking operations will ensure the highest level of efficiency of Snomax®, maximizing your snowmaking ouput and, lowering your Snomax® expence.

To be able to offer the best solution to its customers to measure water flow, the Snomax® team is working with Flowmotion Systems Inc., a US company specialized in equipment for liquid flow, level measurement and chemical metering applications. Flowmotion Systems offers rugged and reliable products.

The BE6300 series transit-time clamp-on flowmeter from Flowmotion Systems is the perfect tool for this application. It is simple and easy to install in the pump house. It only needs to be clamped on the water pipe (no welding, no cutting, works on pipes from 0.75 to 120 in.) The output signal can be sent directly into the Snomax® injection system that will run autonomously and adjust accordingly to your snowmaking water flow.



for illustrative purpose only

FLOMOTION SYSTEMS

BE6300 SERIES TRANSIT-TIME CLAMP-ON FLOWMETER

The BE6300 series flowmeter combines reliable full-pipe flow measurement with high accuracy, low-cost and ease of installation.

TECHNICAL FEATURES

- Pipe sizes from 0.75 to 120 in. (20 - 3000 mm)
- Velocities from -53 to +53 fps (-16 to + 16 m/s)
- Accuracy to 1.0%, repeatability to +/-0.2%
- Easy to install clamp-on transducers are compatible with plastics steel, stainless steel, cast iron, concrete, other materials
- Outputs: 4-20 mA, 0-20 mA, frequency, relay, serial communications
- 2 line x 20 digit backlight LCD display & integral 16 button keypad

The clamp-on type ultrasonic flowmeters offer the simplest and easiest installation of any flowmeter. The BE6300 transit-time flowmeter installs in minutes. A pair of rugged transducers mounts easily to the outside of the pipe using standard clamping straps. There is no welding or cutting needed.

The transducers are non-intrusive; therefore there is no pressure drop or flow and can be easily moved or reused on any size pipe as your piping layout grows and changes. The advanced microprocessor utilizes the latest in ultrasonic direct time measurement with a resolution of 0.2 nanoseconds. Coupled with state-of-the-art data processing the BE6300 provides a high level of linearity.

Various inputs and outputs are available to interface with a wide variety of control and reporting systems. Remote programming is available via the standard RS232C port.

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