

Pressurized Line Accessory



6712, Avalanche® /BLZZRD™, and 5800 Samplers

This accessory was developed to allow sampling from liquid sources with pressure ratings between 10 and 300 psi. Initially, a stainless steel pressure reduction valve decreases source pressure to an acceptable level (10 psi).

Special software (required as an option for 6712 and Avalanche samplers), activates an electric ball valve—via the valve interface—directing liquid to the collection bottle during forward pumping.

The ball valve also allows any liquid remaining in the section of line between the ball valve and the sampler to be purged prior to the next sample being drawn.

The system components come mounted on an aluminum backing plate that also serves as a mounting bracket.

Since the configuration of each individual source will vary, the user is responsible for providing connecting hardware between it and the pressure reduction valve inlet (1/2 in NPT “female” receptacle).

Simple to install and use

6712 and Avalanche/BLZZRD Samplers

Connect the appropriate line from the relay box to the input/output port marked “Rain Gauge” on the sampler controller.

Attach a length of tubing onto the drain outlet if desired, then plug the power cord into an electrical outlet, and the system is ready for use.

5800 Samplers

Connect the cable from the relay box to the 16-pin port.

Attach a length of tubing onto the drain outlet if desired, then plug the power cord into an electrical outlet, and the system is ready for use.

Applications:

- Potable water
- Filtered surface water
- Filtered waste water
- Industrial processed liquids

NOTE: Make certain whatever hardware is used for this purpose can safely contain the same pressure as the liquid source.

NOTE: The line from the pressurized source to the pressure reduction valve (system input connection) should be as short as possible to assure a “live” sample is always drawn. Contact Isco for site-specific instructions.

Pressurized Line Accessory Specifications

Mounting Plate Size (H x W)	12 in x 24 in
Weight	18 lb
Power	120 Vac or 230 Vac/60 Hz
Maximum input pressure	300 psi
Minimum input pressure	10 psi
System enclosure rating	NEMA 4X
Operating temperature	32 to 140 degrees F
Maximum liquid temperature	145 degrees F

Ordering Information

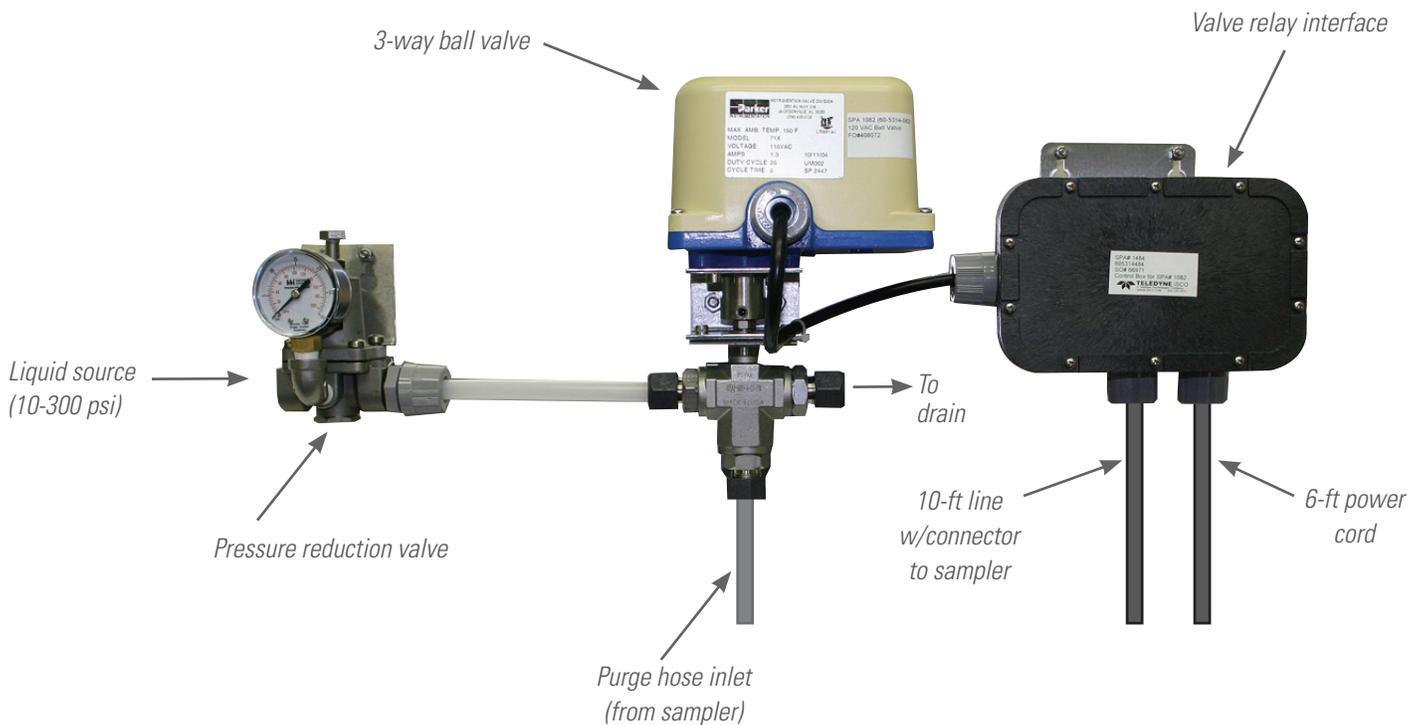
Complete system for use with 6712 and Avalanche/BLZZRD samplers
 (120 VAC) 68-5304-001
 (230 VAC) 68-5304-007

Includes required software option, backing plate, and mechanical components shown below.

Complete system for use with 5800 Samplers
 (120 VAC) 68-5304-006

Includes backing plate and mechanical components shown below.

System Components



Note: System does not handle solids. Buyer is responsible for appropriate pre-filtering.

Teledyne ISCO

P.O. Box 82531, Lincoln, Nebraska, 68501 USA
 Toll-free: (800) 228-4373 • Phone: (402) 464-0231 • Fax: (402) 465-3091

teledyneisco.com



Teledyne ISCO is continually improving its products and reserves the right to change product

L-1138
05/22