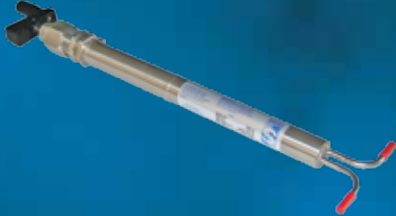


# Sample Conditioning Components

FOR STEAM & WATER



MORE THAN 85 YEARS OF  
SAMPLING EXPERIENCE

[www.sentry-equip.com](http://www.sentry-equip.com)



# COMPONENTS FOR PRECISE SAMPLE CONDITIONING

The essential elements of representative sampling are precise temperature, pressure and flow control — these are at the core of any good sampling system. Sentry Equipment manufactures the largest variety of sampling components available for water, steam and process sampling. Sentry also integrates these components into standard and custom sampling and analysis systems.

## SAMPLE COOLERS

Heavy duty stainless steel construction, other materials available. Over 20 models to handle any application. ASME/CRN stamp available. Ask for Bulletin 4.10

## VREL® PRESSURE REDUCER

U.S. Pat. No. RE37,153

Reduce high pressures without valve wear. Cleanable in place. Adjustable while in service.

Ask for Bulletin 1.10.1

## THERMAL SHUT-OFF VALVE

U.S. Pat. No. 5,826,790

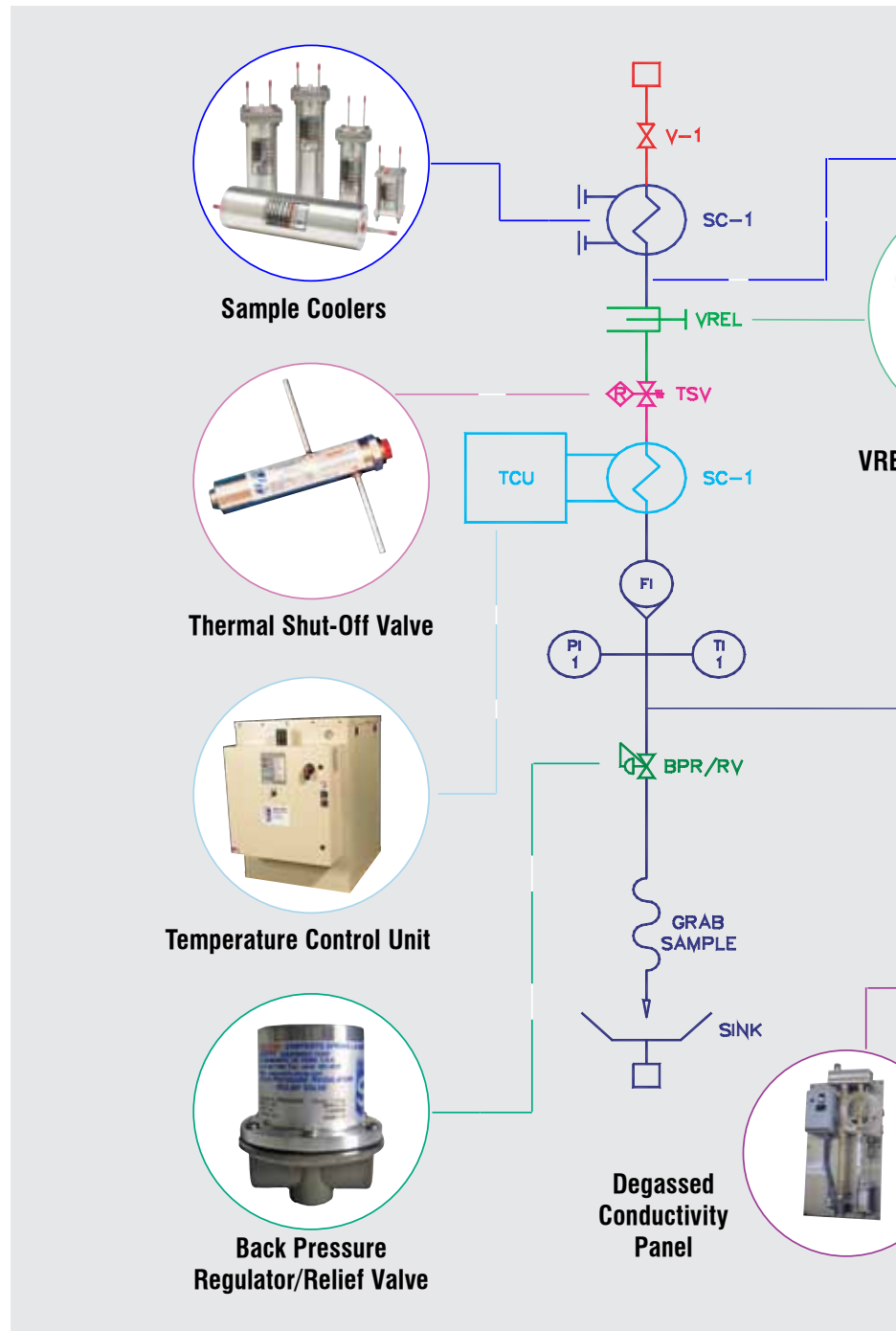
Shuts down high temperature sample in less than 5 seconds. Protects analyzers and operators.

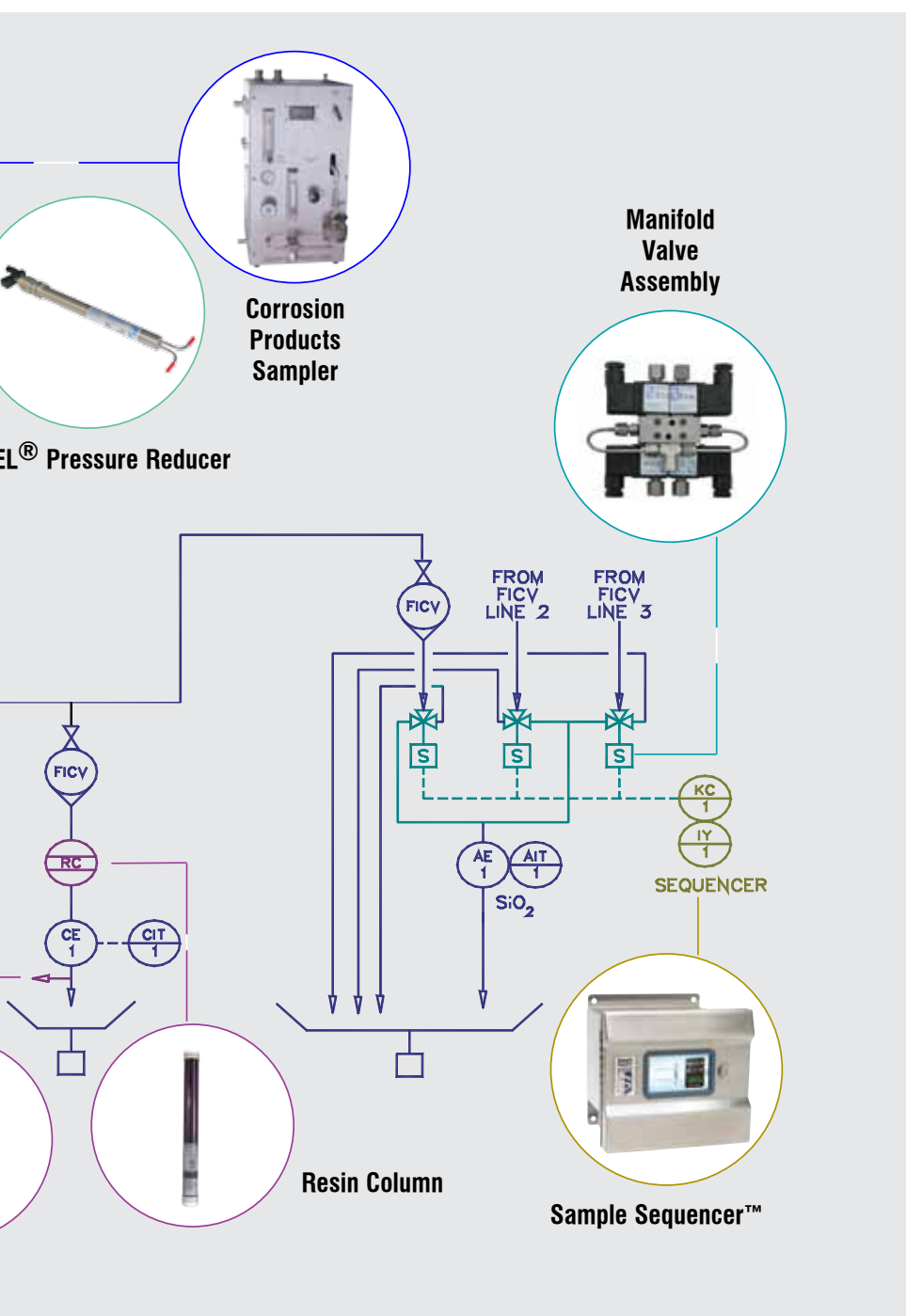
Ask for Bulletin 13.1.1

## TEMPERATURE CONTROL UNIT

Maintain sample temperature at 77°F (25°C). Water or air cooled. Rugged design for power plant environment.

Application specific, contact Sentry





Corrosion Products Sampler

Manifold Valve Assembly

Resin Column

Sample Sequencer™

**BACK PRESSURE REGULATOR/RELIEF VALVE**

Maintain precise sample pressure to assure proper flow control. Factory set to eliminate unnecessary adjustment of setting. Built-in relief valve to protect analyzers.

Ask for Bulletin 9.1.1

**CATION CONDUCTIVITY ACCESSORIES**

Cation resin columns designed specifically for power plants. Complete panels to measure specific, cation, and degassed conductivity or any individual measurement. Custom analysis panels including degassed conductivity, DO, and corrosion product sampling.

Ask for Bulletins 6.1.1 (resin column) & 1.43.1 (degassed panel)

**SAMPLE SEQUENCER™**

Time share several streams with one analyzer. Operates with either batch type or continuous reading analyzers.

Ask for Bulletin 5.5.25

**MANIFOLD VALVE**

**U.S. Pat. No. 5,469,751**

No cross contamination. Continuous sample flow in all lines.

Ask for Bulletin 5.5.20

**CORROSION PRODUCTS SAMPLER**

Identify and quantify corrosion throughout the thermal cycle. Portable or panel mount versions available.

Ask for Bulletin 11.1

To learn more about sample conditioning and to download referenced bulletins visit us at:

**www.sentry-equip.com**

# CUSTOM SAMPLING SYSTEMS FOR DEMANDING SAMPLING REQUIREMENTS

## Ask for Bulletin 1.2.1

- Sample Conditioning and Analysis Panels
- Primary and Secondary Sampling Systems – Nuclear
- Post Accident Sampling Systems – Nuclear
- Process Sampling Systems



## FREE ON-SITE EVALUATION *of your existing sampling system*

Email: [evaluation@sentry-equip.com](mailto:evaluation@sentry-equip.com)  
or call **262-567-7256**

## PARTS & SERVICE

Replacement parts and field service are available for Sentry or any brand of sampling and analysis systems worldwide.

### ⚠WARNING

It is solely the responsibility of the end-user, through its own analysis and testing, to select products and materials suitable for their specific application requirements, ensure they are properly installed, safely applied, properly maintained, and limit their use to their intended purpose. Improper selection, installation, or use may result in personal injury or property damage.



## SENTRY EQUIPMENT CORP

966 Blue Ribbon Circle North  
Oconomowoc, WI 53066 USA  
Tel: 262-567-7256 • Fax: 262-567-4523

E-mail:  
[sales@sentry-equip.com](mailto:sales@sentry-equip.com)

Website:  
[www.sentry-equip.com](http://www.sentry-equip.com)

QUALITY MANAGEMENT SYSTEM  
CERTIFIED BY DNV  
**ISO 9001:2008**

For further information, contact: