

"CSCR / SSCR" Series

CORROSION COUPON RACKS

Specification WRTNCPNCSCR

Written: January 2014



1.0 DESCRIPTION

1.1 CORROSION COUPON RACK: Shall be manufactured by General Treatment Products or approved equal and consist of a steel piping assembly, brass inlet & outlet isolation valves, rotationally molded back panel with integral awning and shelf, poly back panel, injection molded threaded sample points, steel linked safety chain and sample ID tag(s).

2.0 MATERIALS

2.1 PIPE SIZE: Corrosion coupon rack shall be made from 3/4" pipe, fittings, valves and holders. Piping shall be supported at each end of all piping runs, to minimize piping vibrations.

"010" 1" pipe, fittings, valves and holders

2.2 PAINT: Carbon steel piping assemblies shall be painted and primed with external corrosion resisting Alkyd enamel paint. Stainless steel piping assemblies are not coated.

2.3 COUPON HOLDER(s): shall be constructed of injection molded PVDF to maintain consistency and rated to 400°F @ 200PSI. Coupon holder shall have directional arrow indicating sample orientation. Sample set screw shall be Nylon so as not to cause dissimilar metal corrosion.

2.4 PIPE SUPPORTS: Pipe supports shall be galvanized steel with stainless steel hardware, plastic pipe support should not be accepted.

2.5 MOUNTING SYSTEM: Mounting rack shall be heavy duty rotational molded sample station with integral awning, shelf, backboard and factory supplied mounting clips. Awning is deter direct elements and shelf is designed to catch spills/system water during analysis and discard appropriately to floor drain or to waste water storage for processing through drain port supplied.

2.6 SAFETY CHAIN: Threaded, plug style, sample holder(s) shall be bound and connected to mounting system with 10" galvanized steel chain and be of ample strength to ensure operator safety.

2.7 ISOLATION VALVES: Full port isolation valves shall be supplied on inlet & outlet of corrosion coupon rack. "CS" models re supplied with brass valves and "SS" models are supplied with stainless steel valves.

2.8 SAMPLE ID TAG: Laminated green sample ID punch tags shall be supplied for each point of corrosion coupon rack. 2" x 3" sample ID tag(s) shall be securely affixed to corrosion coupon rack so as not to be misplaced during test duration.

2.9 PRESSURE AND TEMPERATURE LIMITATIONS: Shall have maximum operating perimeters of 200PSI @ 200F.

2.10 OPTIONAL FEATURES: Select from the following.

- Code "SVB" Sample Valve, Brass
- Code "YSB" Y-Strainer, Brass
- Code "FCB05" Flow Control Valve, Brass, 5GPM
- Code "FCS05" Flow Control Valve, Stainless Steel, 5GPM

3.0 WARRANTY

General Treatment Products Corrosion Coupon Racks are guaranteed for two years from date of shipment against manufacturing defects in material and workmanship which develop in the service for which they are designed. We will repair or replace a defective part of this system when returned to our factory with freight prepaid; providing that the part is found to be defective upon inspection. We assume no liability for labor and/or other expenses in making repairs or adjustments.

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