

SECTION 23 25 00 – HVAC WATER TREATMENT

ENGINEERING JOB SPEC SHEET

CHEMICAL BYPASS FEEDERS

PRODUCTS

2.1 GENERAL

- A. All materials shall meet or exceed all applicable referenced standards, federal, state and local requirements, and conform to codes and ordinances of authorities having jurisdiction.
- B. Chemical Feed System Description:
 - 1. Closed-Loop System: One bypass feeder on each system with isolating and drain valves with inlet piping connecting to discharge of circulating pumps, and outlet side of feeder connected to suction side of pump.
 - 2. Chemical treatment introduction of piping and adding of approved liquid or solid corrosion inhibitors.
 - 3. Provide properly rated isolation and drain valves for servicing and draining.

2. MANUFACTURERS

- A. Subject to compliance with requirements, provide products by one of the following:
 - 1. Vector Industries Waukesha, WI or approved equal.

CHEMICAL FEEDING EQUIPMENT

- C. Bypass Feeder: Provide the quantity and capacity of feeder as shown on the construction drawings.
 - 1. The feeder shall be constructed of steel made in the USA.
 - 2. Capacity 2, 5, 7 or 10 gallon.
 - 3. Chemical resistant epoxy resistant powder coating finish.
 - 4. The feeder will be rated for up to 300 psig at 200 degrees F.
 - 5. Tank shall be provided with a wide mouth of not less than 3.5" inside diameter so that chemicals can be introduced without the need of a funnel.
 - 6. ¾" access ports for flow, vent, and drain.
 - 7. Floor mounted with adjustable legs or foot lock is required for ease of installation.
 - 8. Vector wrench with flow indicator .75F or .10F.