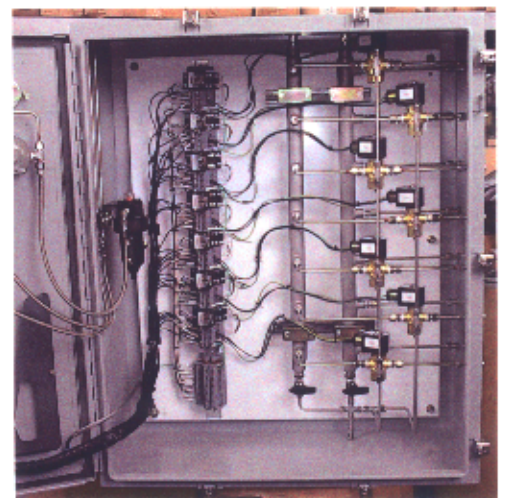
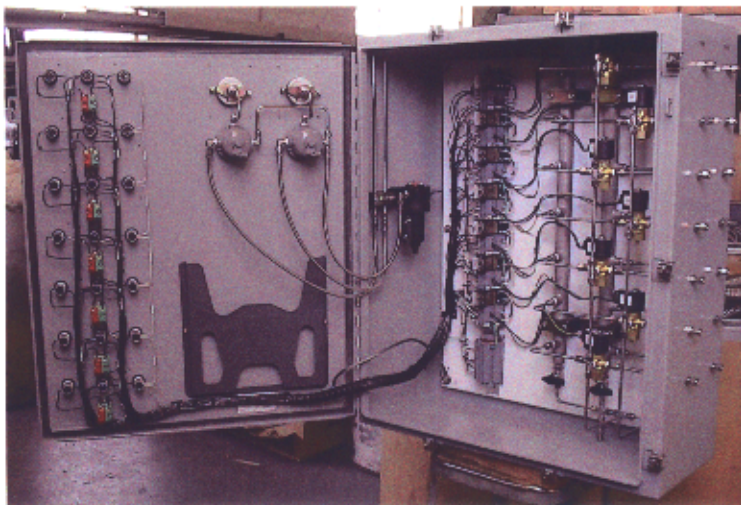


CCI Customized Services – Utility Plants



The following pictures depict panels fabricated at CCI for New York City's largest power generation utility company. These control panels are used to automate air-operated diaphragm valves which control the water softener system at the utility's highest output generating station. The operation of these panels plays a critical role in the efficiency of the power generated at the plant.

The panel allows the operator to control the pressure applied to the diaphragm resulting in fewer valves being serviced. Using Parker Gold-Ring Solenoid Valves in conjunction with a 110VAC based control circuit, the operator has the ability to operate valves both locally and remotely. This enables personnel to determine malfunctioning valves quickly before a problem can escalate.

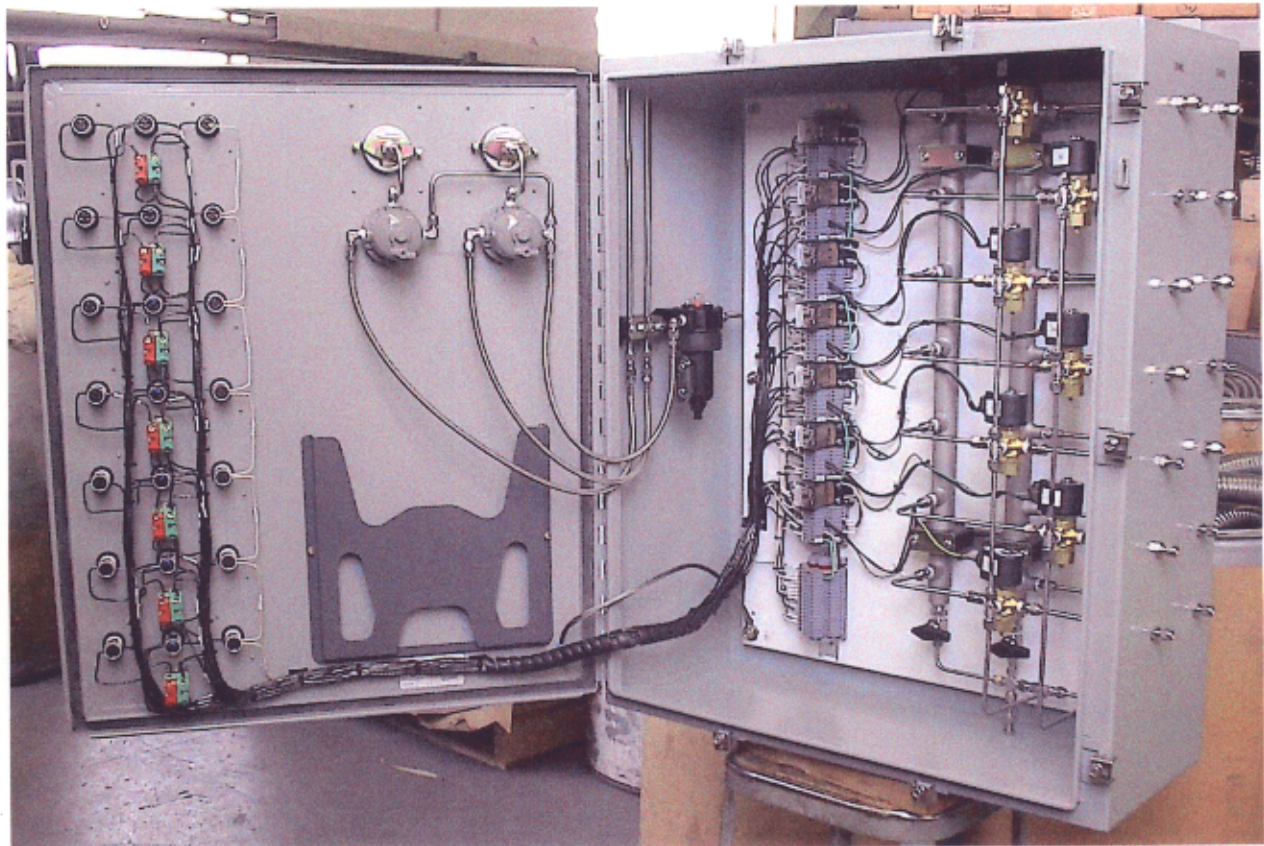




Control Panel for Air-Actuated Diaphragm Valves



Control Panel for Air-Actuated Diaphragm Valves (Interior View)



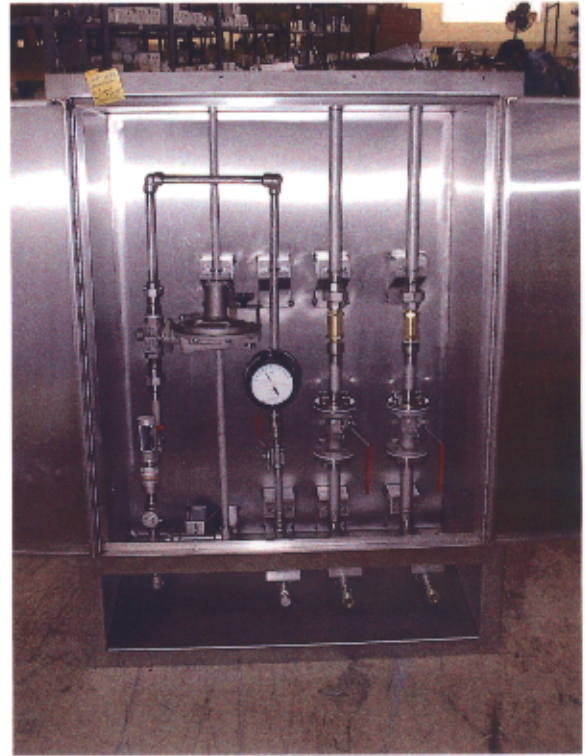
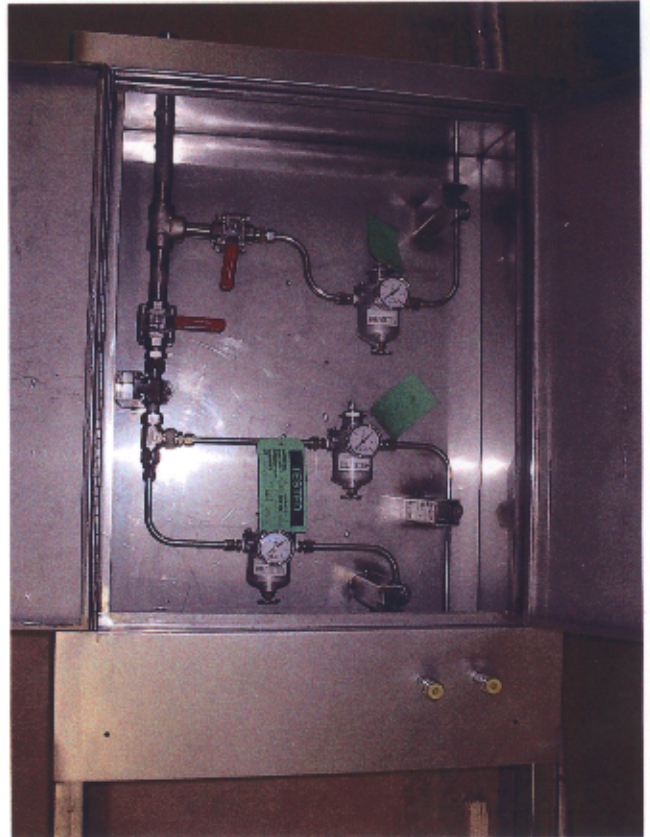
Control Panel for Air-Actuated Diaphragm Valves (Interior Panel Door & Cabinet)

CCI Customized Services – Pharmaceutical Manufacturing

The cabinets shown here were developed for two of New Jersey's top pharmaceutical manufacturing facilities. Components & Controls was chosen as the sole supplier of Breathing Air (pictured r.) and Utility Stations (below l. and r.) for two new manufacturing facilities recently constructed.

Using Parker A-Lok compression fittings in conjunction with Watts Valves and Conoflow air regulators, CCI developed a package that far exceeded the customer's requirements. The cabinets were custom fabricated to CCI's specifications, then, in our own 11500 square foot manufacturing facility, the units were fitted, welded, assembled, tested for quality and shipped to the customer – with 100% on-time delivery.

The Utility Stations pictured below required us to follow strict guidelines for sanitary welding, and CCI was up to the challenge as our units passed highly sensitive leak detection examinations.





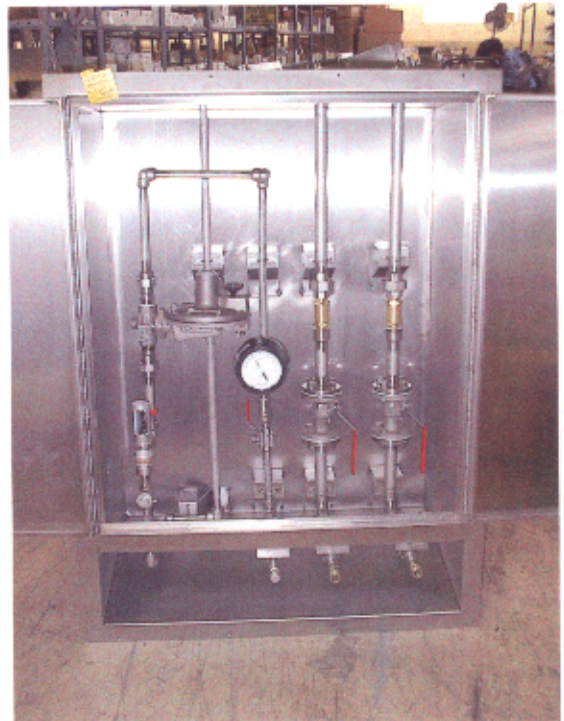
WFO Station - Sanitary Approved Welds



WFO Station Close-up



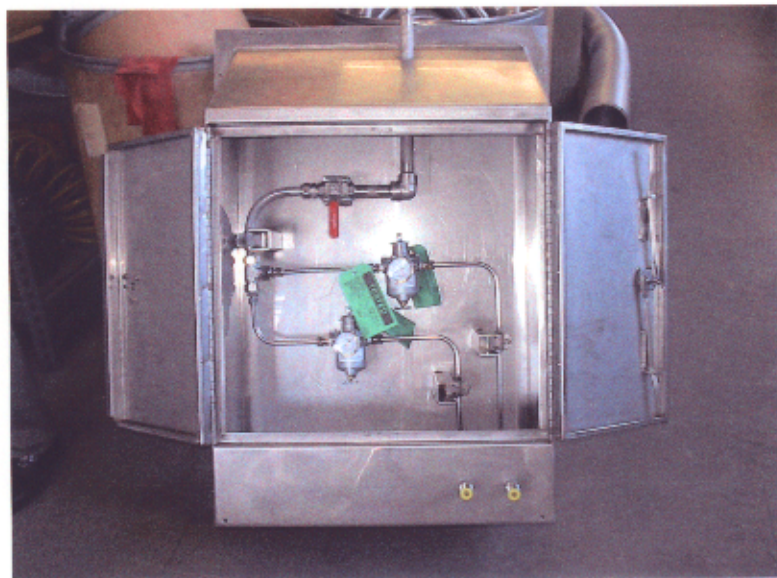
WFO Station showing Locking Mechanism Detail



2-Door Utility Station



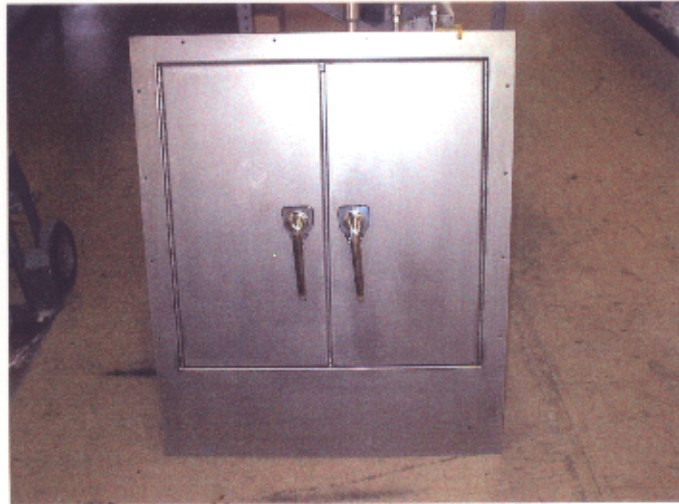
2-Door Utility Station Cabinet (Uniform #4 Finish)
All Stainless Steel Hardware and Recessed Piano Hinges



Surface Mount Breathing Air Station Cabinet
Designed for Washdown Areas



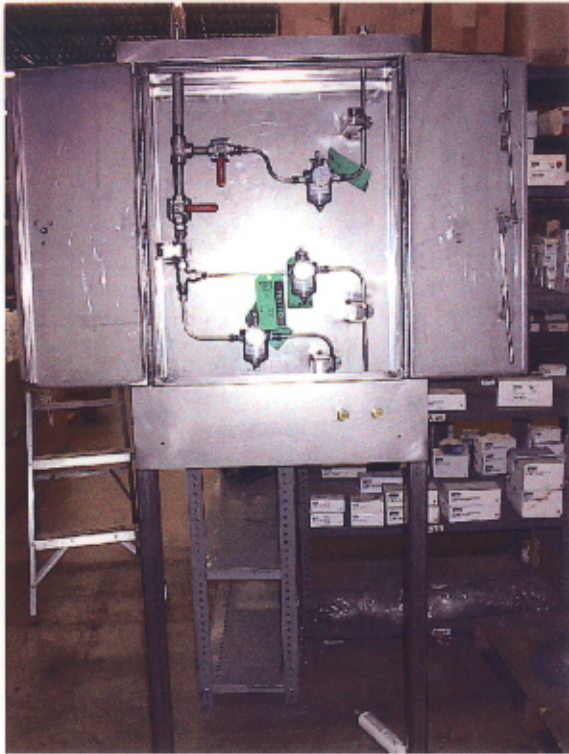
Custom Panel Fabrication



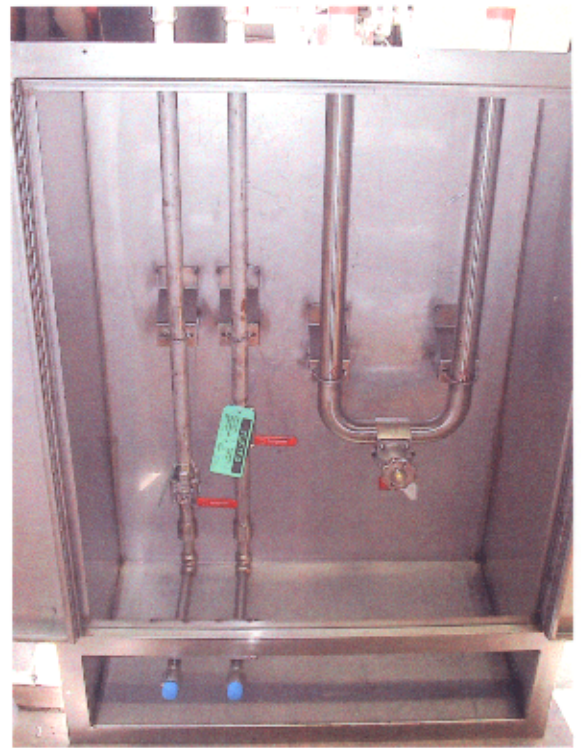
Breathing Air Station Cabinet (Uniform 2B Finish)
All Stainless Steel Hardware and Recessed Piano Hinges



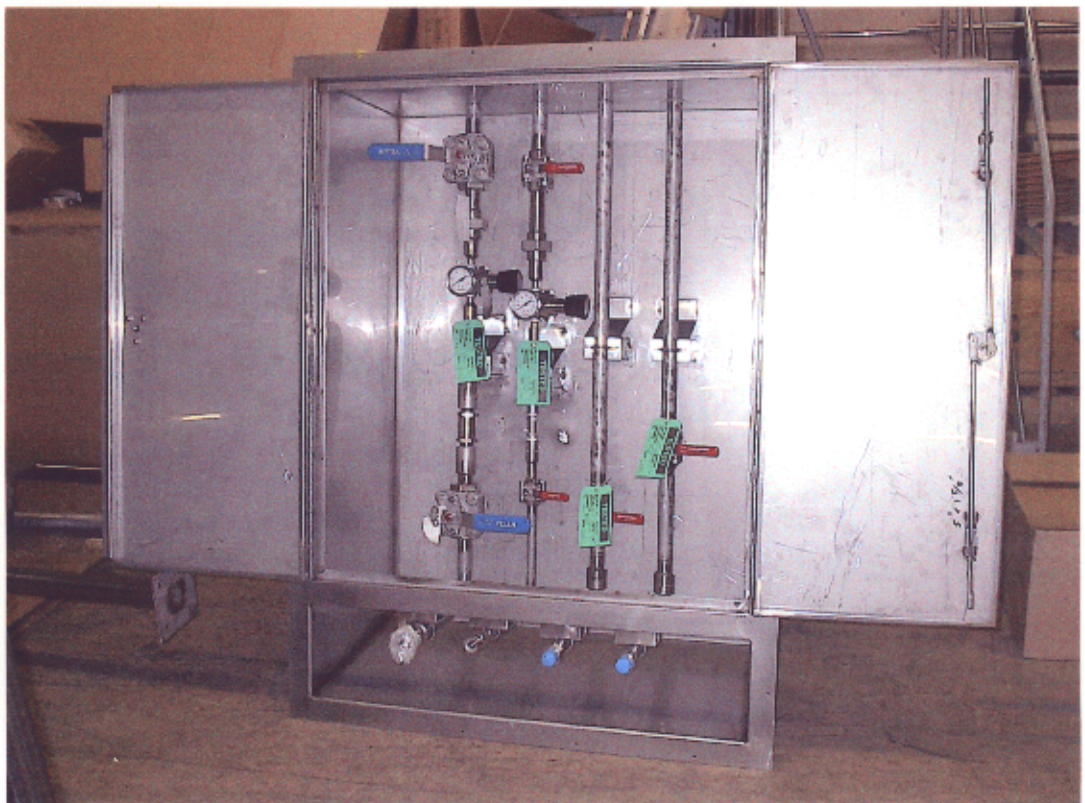
Combination Surface Mount Breathing Air/Utility Station
for Washdown Area



Pedestal Mount Breathing Air Station

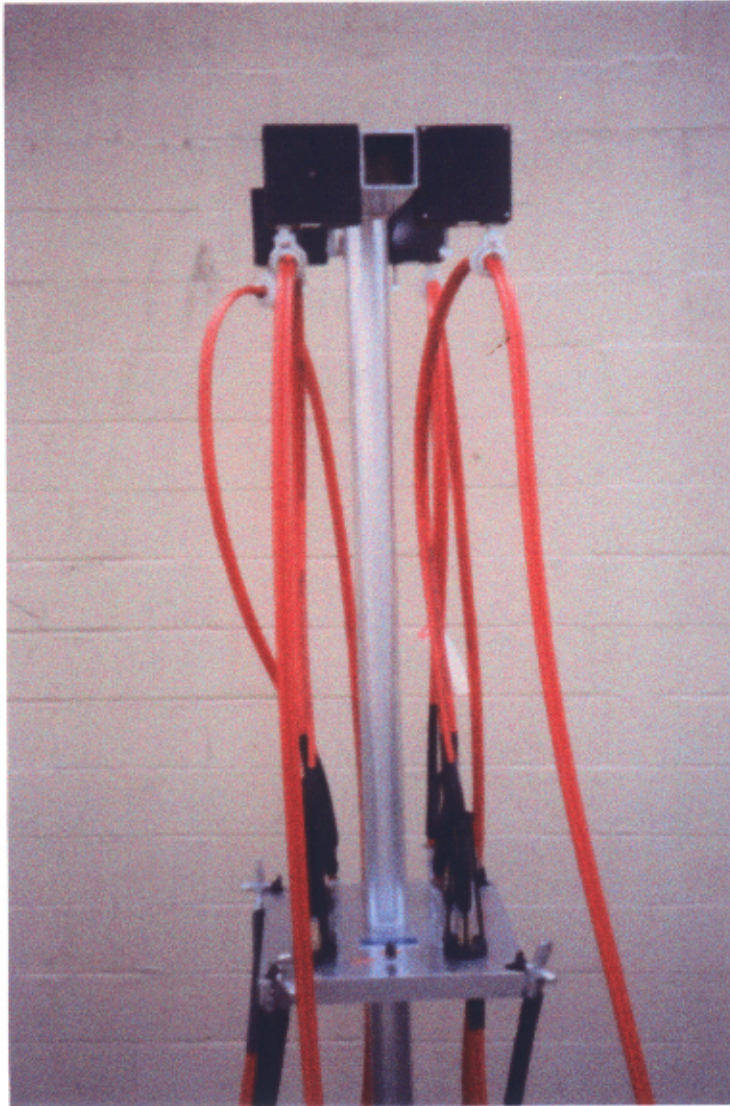


Combination WFO/Utility Station
(Flush Mount)



Utility Station with Nitrogen Purge Lines

CCI Customized Services – NGV Filling Stations



The station pictured at the left was designed and fabricated in house here at Components & Controls, Inc. It is a continuing project for CCI with over 20 Stations having been supplied to a local utility company for use on their CNG powered vehicles.

Stations are retrofitted with Parker B-Series Ball Valves for high pressured Natural Gas and Parker Hoses equipped with automatic retractors. The hoses connect to the station using Parker Quick Couplings and as an added safety feature, we designed a proprietary breakaway system for the hoses which helps prevent hurried drivers from leaving the station too soon.

Our design has been recognized as pioneer in the NGV industry, and it has enabled this particular customer to run a more efficient fleet of CNG powered vehicles.

CCI Customized Services – Metal & Teflon Hose Assemblies

Components & Controls, Inc. has been manufacturing custom Metal and Teflon Hose assemblies for over 15 years. Now recognized as one of the top suppliers in the Tri-State area, our capabilities include pump connectors from ½" to 36", Oxygen Cleaned hoses for the medical and gas distribution industries, Teflon hose assemblies from ¼" to 2" in diameter and much more.

Our shop is equipped with the finest welding and swaging equipment, and we boast the ability to turn emergency hoses around in under 24 hours. This is only possible because we maintain a vast inventory of Metal & Teflon hose components in stock at all times. Our qualified welders have over 25 years experience in the manufacturing of hose assemblies and they never shy away from even the most complicated hose fabrications.

