The CAST-X 4000 is rated to withstand pressures up to 2500 PSI.

The CAST-X 4000 follows the proven design of our smaller CAST-X heaters…a very reliable, low maintenance, small footprint circulation heater…but with upsized tubing and heating elements to accommodate today’s high-volume natural gas and industrial gas customers.”

To facilitate integration with a wide range of applications and installation environments, the CAST-X 4000 is available with explosion-proof and moisture-resistant electrical enclosures.

Common applications for the CAST-X 4000 will be gas drying, regeneration, air separation (oxygen / nitrogen / argon), as well as compensating for the Joule-Thomson effect in natural gas processing. Heated liquids and gases can be run through the CAST-X 4000’s dual tubes “in series” (gases flow through the 1st tube and then into the 2nd tube), or run “in parallel” (both tubes are simple one-pass in & out, for high volume throughput), or in a single tube-single pass format.

Jerry Carlson, CAST-X Divisional Vice President, further explained, “The CAST-X line is well-known for both its safety record and power-to-size ratio. And with process engineers looking to heat greater volumes of gas in shorter amounts of time, using a contact-free device, we feel the new 4000 will see great demand throughout the industrial gas sector.”

The CAST-X Circulation Heater is manufactured by Cast Aluminum Solutions, headquartered in Batavia, Illinois.

For further information regarding Cast Aluminum Solutions (CAS) or CAST-X Circulation Heaters, please contact Jeffrey Awe, Marketing Director for Cast Aluminum Solutions. Contact information is above. Thank you.

About Cast Aluminum Solutions:

Headquartered in Batavia, Illinois, Cast Aluminum Solutions services companies worldwide with highly-engineered thermal products and aluminum components. CAS engineers and technicians utilize industry-standard technology to design, test, manufacture and inspect all products. Primary markets include semiconductor wafer processing, oil & gas sectors, industrial gas, commercial food & beverage, as well as pharmaceutical and specialty-chemical processors.
CAST-X 4000 Circulation Heaters from Cast Aluminum Solutions. These units feature dual 1 inch OD (2.5 cm) flow-tubes made of seamless 316L stainless steel. The CAST-X 4000 is capable of heating flammable liquids or gases, even under tremendous operating temperatures.

The CAST-X 4000 features a small footprint, at under 25 inches tall (65 cm), but delivers an incredible amount of power, due to the cast-in design of the heating elements & flow-tubes. CAST-X flow-tubes are self draining, so residual media drains from the system when powered down, an important safety feature.

The CAST-X 4000 from Cast Aluminum Solutions is offered with a waterproof electrical enclosure (left) or an explosion-proof enclosure (rt). Built-in thermocouples help provide seamless integration with standard control systems such as PLC and PID devices.