



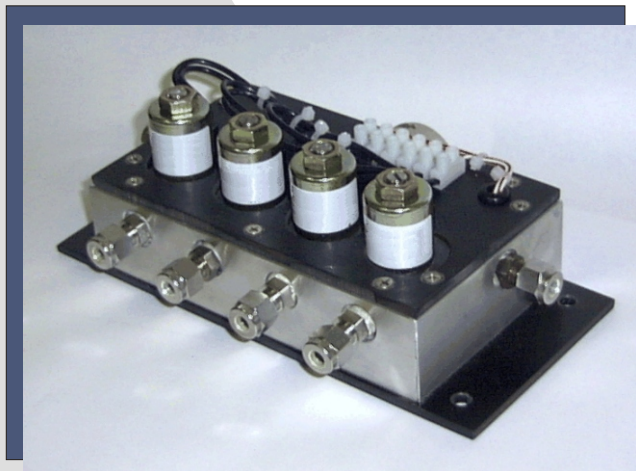
**ATMO/**  
**SEAL, INC.**

**Emissions Sample Transport Systems**



## **Atmo-Seal Heated Valves and Manifolds**

Atmo-Seal Engineering, Inc.<sup>(tm)</sup> manufactures individual and manifolded Heated Valves for use in gas and diesel sampling; stack and process monitoring. The typical operating range is 450 F, but higher temperature ranges are available.



### **Heated Valve Array Features**

- Choice of AC 50-60 HZ or DC heater operation in a wide range of voltages
- Choice of Thermocouple, RTD, Internal Thermostat or other sensors
- High temperature Class C coils in 12 or 24 VDC, 120 VAC or other voltages as needed.
- Valves feature inert, high-temp seals made from Teflon<sup>(tm)</sup>, Viton<sup>(tm)</sup> or Silicone.
- Super-tough metal outer shell with phenolic barriers for durability and operator safety.
- Minimal internal volume for fast response times

### **Sample Routing and more...**

Atmo-Seal multi-position valve arrays are the perfect device for sample routing. Our arrays are used for pre-catalyst and post catalyst comparisons, multi-point sample collection; introducing calibration and purge gases; distribution of a single sample to multiple analyzers.

Using automatic valves also keep your techs out of test cells - and harms way - during test cycles.

With an Atmo-Seal valve array, you choose the number of positions; select between two-way and three-way valve configurations; decide if you need either multiple inputs to a single output, multiple outputs to a single input, or any other combination.

As always, maintenance is at the forefront of our heated valve designs. Valve components are easily accessed, cleaned or replaced and, if needed even the VALVE BODY may be replaced on our units: an industry exclusive.

We will also incorporate other features into your array such as filters, manual valves, LED valve-status indicators; thermocouple wells, or other components. With an Atmo-Seal Array, the possibilities are endless.

Of course, our of our Valve Arrays carry a full, 18 month limited warranty.

"Timely Quality" It's more than just a saying at Atmo-Seal, Inc., it's our success, and yours.