



# ITT

## Conoflow

### HP555 Electric and HP550 Steam Vaporizing Regulators

We have reviewed this product once before and want you to hear about its superior performance as compared to competitive units again.

Conoflow's HP555 Vaporizing Regulators are utilized in many types of analyzers within process plants. Oxygen, Specific Gravity, Viscosity, Flame Ionization are among a few however they are most commonly used on Gas Chromatograph Analyzers. Vaporizing Regulators are vital to crude oil distillation, gasoline blending, Specialty gas generating, Chemical Processing and Laboratories for R&D purposes.

Gas Chromatograph Analyzers are micro-processor instruments used to measure various components within a process or "process recipe". A Gas Chromatograph will on average measure one, to five components at a time but can be ordered to measure up to twenty components at a time.

The Vaporizing Regulator is critical to these types of applications. Think of the process engineer as a cook making a pot of stew from an old family recipe. He knows what to put into the stew and how much, but certain things could be out of his control like the fat content of the meat or the ripeness of the tomatoes. In a stew, that variability will not make much difference, in a \$1,000,000 "process stew", it has to be exactly right. So, when the Vaporizing Regulator sends the vaporized process stew to the Gas Chromatograph it measures every component in the process down to parts per million. The process engineer can add or take away from the recipe so that the end product is perfect.

The Conoflow HP555 Electric Vaporizing Regulators have several feature and benefits to assist the process. The regulator will heat to 350 degrees F in just over 3 minutes and holds the temperature setting over the course of the application cycle.



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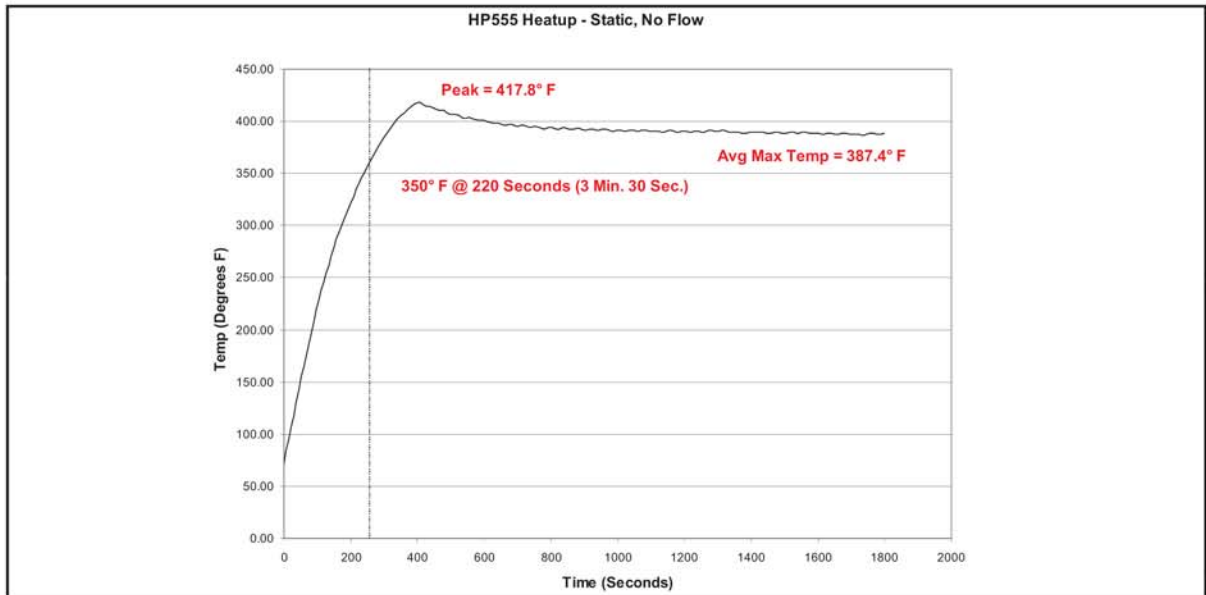
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## HP555 Electric Vaporizing Regulator (continue)

The Conoflow HP555 Electric Vaporizing Regulators have several feature and benefits to assist the process. The regulator will heat to 350 degrees F in just over 3 minutes and holds the temperature setting over the course of the application cycle. The Conoflow HP555 Vaporizing Regulators have two heating elements to insure uninterrupted service. Adjustable temperature control allows an operator to change temperatures to achieve optimum performance characteristics. The unit is also compact and light weight in design, desirable for control panel installations where space is at a premium.

In order for a Vaporizing Regulator to be successful it is necessary to maintain a good constant steady flow. It needs to maintain its high heat setting to keep samples vaporized, clean and maintenance free. Easy to maintain pneumatic section, at plant site, without any special tools. The regulator needs to be easy to install and replace and have precise control of heat and pressure.

We feel the Conoflow HP555 Electric Vaporizing Regulator meets or exceeds all these expectations.



FM Approvals: Explosion proof for Class 1, Division 1, Groups C&D; Dust-Ignition proof for Class 2, Division 1, Groups E, F and G

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For more information, please visit [www.conoflow.com](http://www.conoflow.com)