



IPEX is excited to offer System 1738® Flue Gas Venting

Venting. ReInvented.™

## Answers to commonly asked questions

### What is UL 1738?

UL 1738 is a standard recognized by the NFPA 54 and IFGC fuel gas codes that outline the stringent requirements that a flue gas venting system for category II, III and IV gas-fired appliances must comply with.

### Why shouldn't I use PVC DWV plumbing pipe for venting gas-fired appliances?

These products are certified to the ASTM plumbing standards that are intended for plumbing and fluid handling applications. These ASTM plumbing standards do not include any provisions for the use of these products for venting of combustion gases.

### How can I differentiate System 1738® from PVC DWV plumbing products?

System 1738® is black in color and the material type, application, temperature rating, product standard and certifying agency is all included in the pipe's orange printline as well as on the orange and black labels applied to each fitting. Markings on pipe and fittings are required by UL 1738 to clearly distinguish a certified gas venting system from every day, non-certified plumbing pipe and fittings.

### Which appliance can be vented using System 1738 flue gas venting?

System 1738 Flue Gas Venting is rated for 149°F (65°C) and is certified for venting condensing appliances such as hot water heaters or furnaces certified as category II or IV.

### Do the equipment manufacturers approve this new system?

System 1738 flue gas venting can be used to vent all category II or IV gas-fired appliances that list PVC as an approved venting material in its installation manual. The 2018 edition of the NFPA 54 and IFGC fuel gas codes allows that listed venting material to be certified to the product standards listed in the appliance installation instructions or the UL 1738 venting standard.

### Can pipe, fittings and cement from other manufacturers be installed with System 1738?

No, System 1738 is designed and certified to work as a complete system. It is important to note that different manufacturers have different joint systems and adhesives. The UL 1738 standard stipulates: "Do NOT mix pipe, fittings or joining methods from different manufacturers."

### Is a product warranty offered with System 1738?

IPEX offers a 10-year product warranty on its System 1738 flue gas venting system. Please visit [system1738.com](http://system1738.com) for additional details.

### What happens to your flue gas venting system when the heating appliance malfunctions and discharges a higher temperature than 149°F (65°C)?

The heating appliance and vent system are both critical components of the heating system that require regular maintenance and annual inspection to avoid failure, the risk of a carbon monoxide leak, and to ensure operation efficiency. All products are manufactured with design limitations. Should the appliance malfunction and discharge a temperature higher than the rated temperature of the vent, a qualified heating technician must be called to inspect both the appliance and integrity of the vent system.

### What size vents should be used to vent the heating appliance?

The appliance installation instructions must always be consulted before beginning the installation of the vent. It will specify the material approved to vent the appliance, the vent size and total vent length allowed.

### Is System 1738 training available?

Yes, IPEX provides training. Also available to aid installers and inspectors is a System 1738 Installation Methods Guide. Please contact your local Sales Representative or Customer Service Representative for more information.

For more details, please visit [system1738.com](http://system1738.com)

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