

Vent Free Gas Fireplace FAQ's

Q: What is a "Vent-Free" gas fireplace?

A: "Vent-free" fireplace systems are designed for maximum efficiency and require no flue. Highly efficient burners provide clean heat directly to your home and will not produce harmful levels of un-burnt combustion by products. All vent-free fireplaces are AGA/CSA approved and equipped with an ODS or oxygen depletion sensor. These require sufficient combustion air and should be located to areas spacious enough as not to become too warm. Most vent-free fireplaces are not approved for baths, and bedroom units are limited to 10,000 Btu's. Each firebox is a complete unit with built-in engine, and log set included.

Q: What is a "Vent-Free" gas log set?

A: "Vent Free" gas log sets are designed for maximum efficiency and are easily installed to existing wood burning fireplaces or to approved universal fireplaces. Most log sets are CSA approved to allow you to close your fireplace damper for clean heat directly to your home. These appliances are equipped with an ODS or oxygen depletion sensor. All vent free log sets require sufficient combustion air and should be located to areas spacious enough as not to become too warm. Most Vent-Free log sets are not approved for baths but there are bedroom units available.

Q: What is a "Universal" fireplace?

A: A universal fireplace is a factory-built, zero clearance firebox that is specifically designed for a vent-free gas log set. Unlike a vent-free fireplace system, the unit does not come from the factory with a burner assembly and logs pre-installed. Log sets are purchased separately. These fireplaces are installed without chimney and thus incompatible for solid fuels or vented (decorative) gas appliances, which produce harmful levels of un-burnt combustion by products. Most manufacturers manufacturer standard 32", 36" and 42" models as well as multi-sided 2, 3, or 4 sides open fireplaces.

Q: What is a "Vent-Free" gas insert?

A: The vent-free gas inserts are approved to be installed to existing masonry or factory-built fireplaces (which must be approved for inserts by its manufacturer). They do not require any type of vent and are best suited for those who desire vent-free and want a blower. These units come with optional surrounds and can be installed into fireplaces that have sustained cosmetic damage. These inserts are CSA approved and equipped with an ODS or oxygen depletion sensor. These appliances require sufficient combustion air and should be located to areas spacious enough as not to become too warm. These are not approved for bedrooms or bathrooms.

Q: What does "zero clearance" mean?

A: Zero clearance means zero or no clearances are required to combustible materials, primarily at the framing or "rough-in" stage of installation. All factory-built fireplaces can be installed directly on a wood or combustible surface, i.e., sub floor. Factory-built fireplaces will often have standoffs or "tents" attached to the top. These are not to be removed and serve to keep framing members at the proper distance from the firebox. When finishing the fireplace, drywall and other combustibles may come to the edge, but not overlap the black-painted metal face of the unit.

Q: Do Vent-Free appliances come in LP gas?

A: Yes, most vent free gas appliances are available as either LP or Natural Gas. The vent free appliances are not field convertible.

Q: What is the "CSA"?

A: The CSA is the Canadian Standards Association. They have the responsibility of certifying gas appliances to listed ANSI (American National Standards Institute) standards. They are a nationally recognized testing laboratory. Most vent-free products use CSA to certify their products.

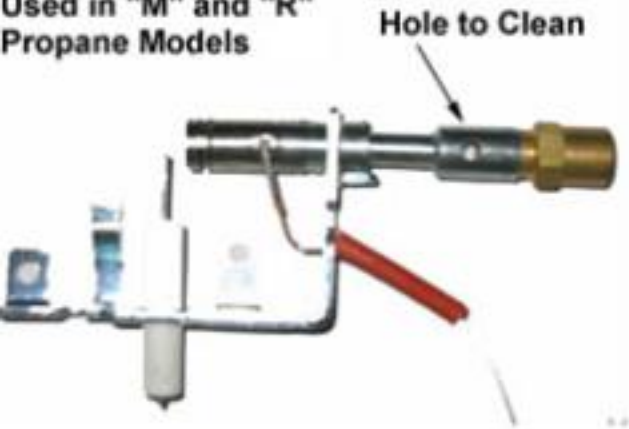
Q: What are "ANSI" standards?

A: The American National Standards Institute maintains strict national safety standards for gas appliances. These standards are updated constantly to provide for product safety and performance, based on the latest technology.

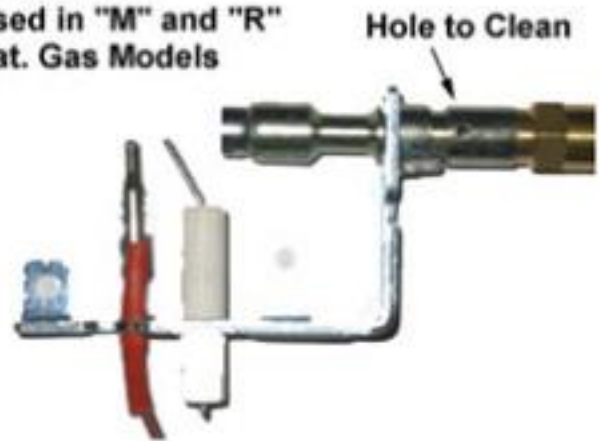
Q: How does an ODS work?

A: An Oxygen Detection safety-pilot (ODS) system reacts to a decrease in a room's oxygen supply in a manner that shuts off the gas supply to the appliance. The gas pilot burns normally when it is exposed to normal air. In the rare case when the oxygen level in a room starts to drop to an 18 – 18.5 percent level, the pilot flame lifts off of the thermocouple, which causes the gas valve to close. In other words, it shuts off the gas supply and "fails safe."

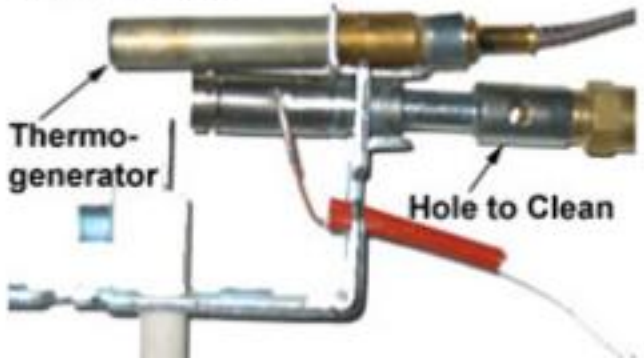
ODS-OP-LP
Used in "M" and "R"
Propane Models



ODS-OP-NG
Used in "M" and "R"
Nat. Gas Models



ODS-ROP-LP
Used in "S"
Propane Models



ODS-ROP-NG
Used in "S" Nat. Gas Models

