



LineGuardian™ is the proven solution to fuel line leaks. A mechanical valve and line system, it's engineered to detect line or connection problems – from pinholes to catastrophic failures – and shut down the flow of fuel oil at the source. Immediately.

LineGuardian is not a spill containment system, but a leak prevention system. By stopping the leak before it becomes an environmental incident, the homeowner, business, insurance provider and the community can realize the benefits of the system.

Lorax LineGuardian prevents spills and leaks by monitoring the integrity of the line and its connections. If the line is compromised, LineGuardian immediately detects the problem and the valve halts the flow of fuel at the tank.



## Advanced fire protection capabilities

The LineGuardian valve system protects your fuel source in the event of a fire. The unique built-in fire-safety features include fuseable plugs at both ends of the fuel line (valve and termination fitting), as well as a new fuel line technology that triggers the valve to stop the flow of oil from the tank in the event of a fire.

## Features and benefits

- Full line protection (from valve to termination)
- Fire protected
- Purely mechanical valve (intrinsically fail-safe)
- No electricity or calibration required
- Contains manually operated service shut off valve
- Can be used instead of an anti-syphon valve and does not require a vacuum to open
- Fuel line has exceptional flexibility (will not crack or break under repeated bending)
- Fuel line provides secondary fuel containment
- Suitable for both indoor and outdoor installations, above or below ground
- Easy to implement and cost effective solution
- 5-year manufacturer's warranty





## Versatile installation

- Suitable for:
  - *indoor or outdoor installations*
  - *top feed, bottom feed, or end feed tank applications*
  - *gravity or lift feed, one-line and two-line systems*
- Uses standard pipe fittings for most tanks, including steel, fiberglass, or plastic
- Can be used on runs as long as 150 feet
- Only standard hand tools require (must have good quality tube cutter)
- Easy to install, failsafe system (if not installed properly, valve will not open)

## LineGuardian valve system configurations

SYSTEM ID	SYSTEM DESCRIPTION	PRODUCT ID	PRODUCT DESCRIPTION	FITTING SIZE	CSST LINE DIAMETER	FUEL LINE DIAMETER
LGS 16 08 06	LineGuardian Valve System 1"	LGV 16 08 06	LineGuardian valve 1" NPT male inlet	1"	1/2"	3/8"
		LGT 12 08 06	LineGuardian termination fitting 3/8" NPT female outlet	3/8"	1/2"	3/8"
LGS 08 08 06	LineGuardian Valve System 1/2"	LGV 08 08 06	LineGuardian valve 1/2" NPT male inlet	1/2"	1/2"	3/8"
		LGT 12 08 06	LineGuardian termination fitting 3/8" NPT female outlet	3/8"	1/2"	3/8"

SYSTEM ID	SYSTEM DESCRIPTION	FITTING SIZE	CSST LINE DIAMETER	FUEL LINE DIAMETER
LGC 16 08 06	LineGuardian Commercial Valve Two-Line System 1" NPT male inlet	1"	1/2"	3/8"
LGC 08 08 06	LineGuardian Commercial Valve Two-Line System 1/2" NPT male inlet	1/2"	1/2"	3/8"

## LineGuardian fuel line

PRODUCT ID	DESCRIPTION	SIZE
LG1 08 250	LineGuardian 1/2" CSST x 50' cs	1/2"
LG1 08 050	LineGuardian 1/2" CSST x 250' reel	1/2"
LG2 06 250	LineGuardian 3/8" Polyamide fuel line x 250' reel	3/8"
LG2 06 050	LineGuardian 3/8" Polyamide fuel line x 50' cs	3/8"

## Features comparison

	LINEGUARDIAN VALVE SYSTEM	ANTI-SYPHON VALVE
Detects and prevents spills from small pinhole fuel line leaks	✓	
CSA (U.S.) Certified fire protection of the entire system, from the fuel source to the appliance	✓	
Will shut down for catastrophic rupture or disconnects	✓	✓
Suitable for indoor or outdoor installations	✓	✓
Purely mechanical – no power source required	✓	✓
Not gravity dependent	✓	✓
Secondary containment of the process line	✓	
Complete supply (and return) line protection	✓	
Compatible with electronic monitoring	✓	
Does not require a vacuum to open	✓	