

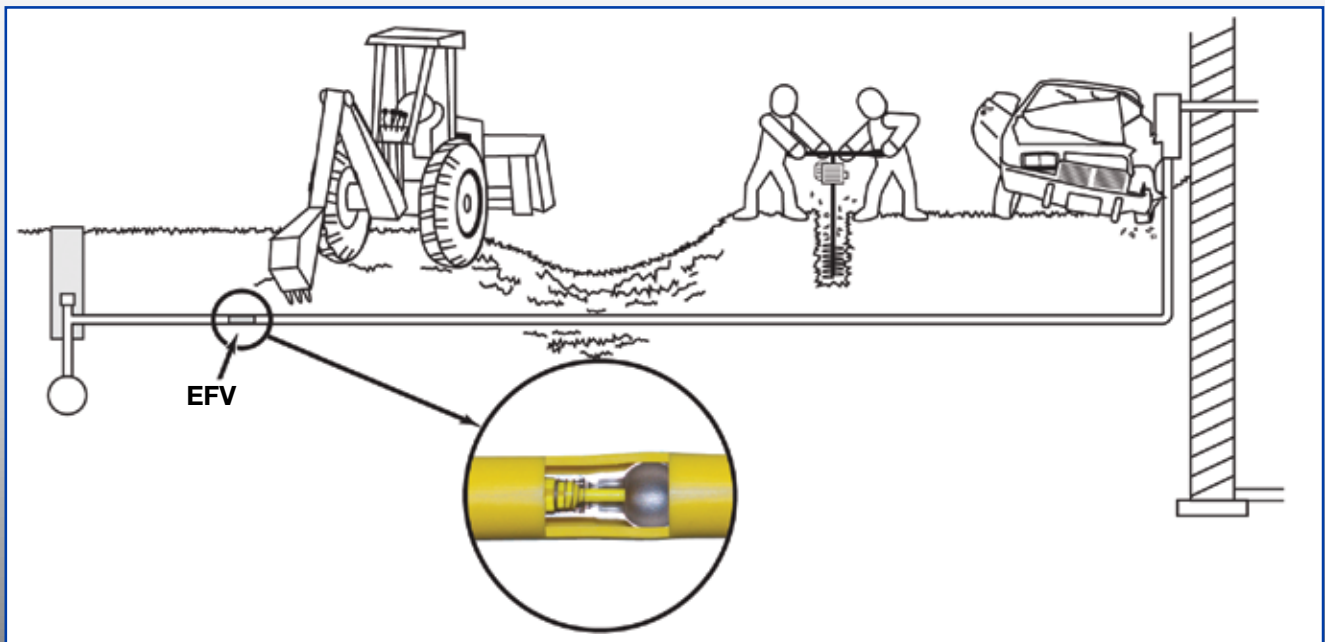


NO-HOLE SYSTEM "21"®

Hubbell Gas Connectors & Accessories (HGCA) EFVs are the leader in Excess Flow® Valve (EFV) technology. The No-Hole System "21"® allows insertion of a special No-Hole EFV, up to 150 feet from the meter set, under live (pressurized) gas conditions in systems with normal operating pressures up to 150 psig without an excavation.

When gas flow exceeds design limits, the No-Hole EFV automatically trips, affording the same protection and benefits as standard HGCA EFVs including:

- ◆ Saving time and money by reducing the number of emergency situations
- ◆ Turning emergency situations into routine service calls
- ◆ Safeguarding utilities against unwarranted negative publicity and excessive liabilities that result from gas leak emergencies
- ◆ Increasing public confidence in gas
- ◆ Provide safe working conditions for gas utility personnel and first responders at the scene of a service line rupture
- ◆ EPA Natural Gas Star Program recommends the installation of EFVs to reduce methane emissions



99-8007-00 01-18

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Like other HGCA EFVs no-Hole EFVs:

- ◆ Meet or exceed DOT 192.381, MSS SP-115 ASTM F 1802 and ASTM F2138 requirements.
- ◆ Are 100% factory tested in accordance with DOT 192.381.
- ◆ Are individually packaged with operating instructions and field identification tags.
- ◆ Are lot coded with date and model # traceable back to all component parts.
- ◆ Have valve series identified on the valve by color coded labels with directional flow arrows.

Installation

1. The meter set is removed from the service line.
2. If necessary a valve changing apparatus is used to change the meter shut-off valve to a full-port ball valve.
3. The No-Hole System "21" gland assembly is attached to the ball valve.
4. The ball valve is opened and the No-Hole EFV is inserted to the desired distance – up to 150 feet.
5. The EFV is anchored in place using proprietary No-Hole System "21" technology.
6. Then the apparatus is removed and the original meter valve reinstalled if desired.
7. The meter set is reattached and service is restored to the customer.

* For exact installation and recommissioning procedures follow instructions included with each valve.

Standard Equipment includes:

- ◆ Hand pump with pressure gauge and reservoir (Pump has detachable handle for more compact storage).
- ◆ 150 foot insertion hose (Longer hose available – see options).
- ◆ Plug ends to prevent fluid loss.
- ◆ Replacement parts for high-wear components.
- ◆ Foot counter so that an approximate EFV location can be noted on the service card.

Optional Equipment:

- ◆ 200 foot insertion hose
- ◆ Maximum indicating pressure gauge
- ◆ Bare pipe installation adapter (available in various sizes)

TOOL PACKAGE	CATALOG NO.
150' Complete Package W/Cart	#60105

SLEEVE SIZE	EFV SERIES	ORDER/ KIT#
1/2" CTS Sleeve	Series 350	#60126
	Series 550	#60116
1/2" IPS Sleeve	Series 350	#60139
	Series 550	#60140
3/4" CTS Sleeve	Series 350	#60122
	Series 550	#60071
3/4" IPS Sleeve	Series 350	#60123
	Series 550	#60106
1" CTS Sleeve	Series 350	#60124
	Series 550	#60087
1" IPS Sleeve	Series 350	#60125
	Series 550	#60107
1 1/4" IPS Sleeve	Series 350	#60133
	Series 550	#60134
1 1/4" CTS Sleeve	Series 350	#60137
	Series 550	#60138



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