

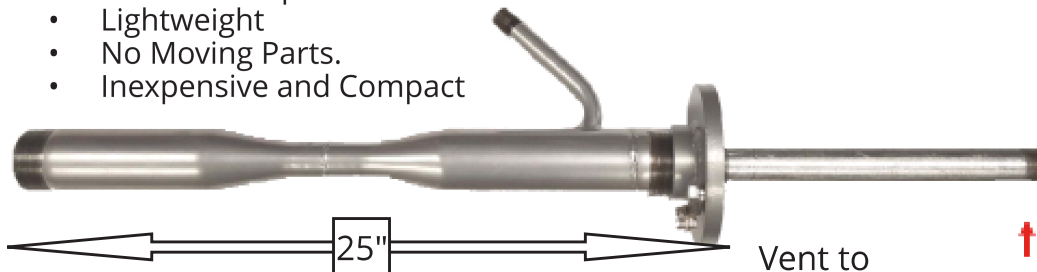
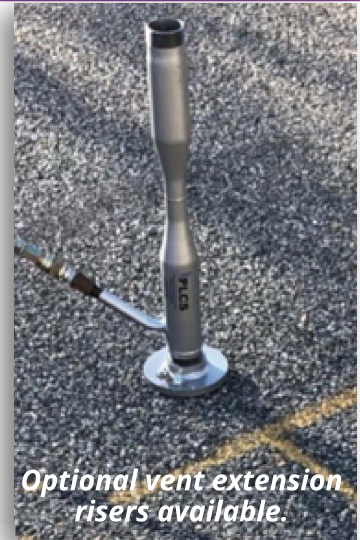
# Gas Leak Pinpointing: Rapid Gas Extractor (RGE)

**A fast tool for extracting gas out of the ground when pinpointing a gas leak or removing residual gas from the ground.**

Drop it in a bar hole and connect it to the compressor air supply. The powerful Venturi effect vacuum, quickly pulls gas towards it and vents to atmosphere.

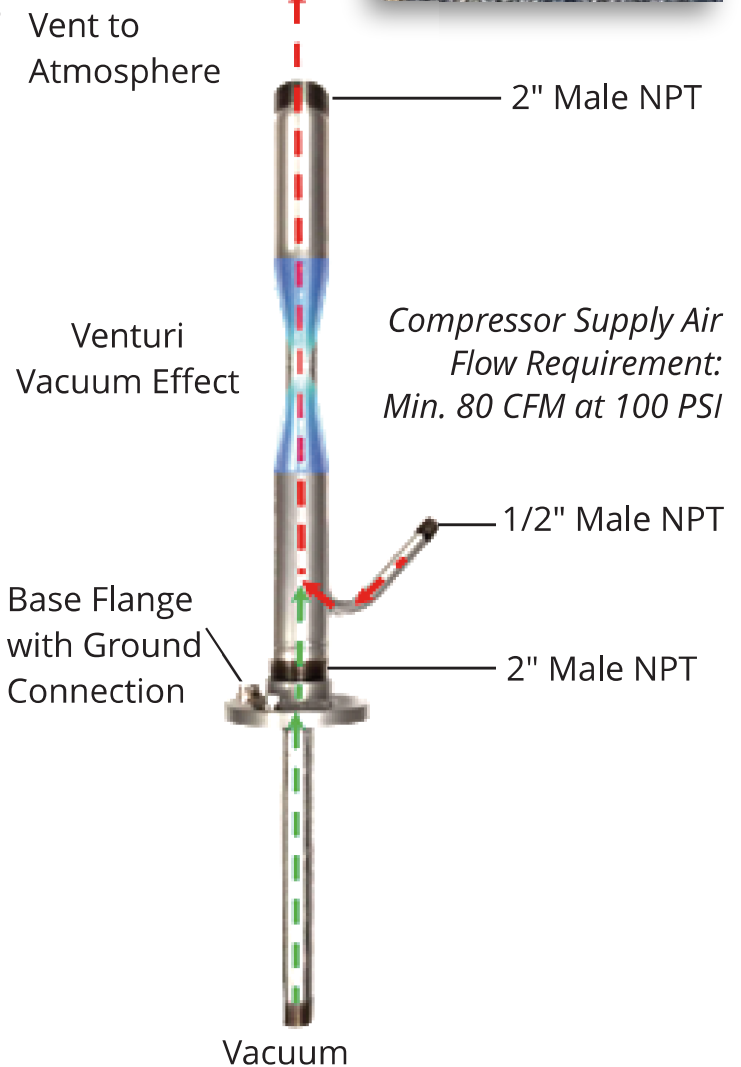
**Every gas crew should have one!**

- Fast and Simple
- Lightweight
- No Moving Parts.
- Inexpensive and Compact



Specifications	
Part #	69-EVWP2-RGE
RGE Length	25"
Connections	2" MNPT
Suction Pipe (NPT)	1" or 3/4" x 12" Long
Base Flange	5 1/2" Diameter
Air Inlet	1/2" NPT
Minimum Air Supply	80 CFM at 100 PSI
Ground Connector	Standard: UL 486A
Weight	10 lbs.
Material	Painted Steel

Performance Data				
PSI	40	60	80	90-100
CFM	25	50	75	100-135
Air Velocity ft/s	19	46	57	76-103
Suction Lift(in of water)	90			
Decibel Rating (dB)	105 dB (3' away from RGE)			
<i>Equipment Used:</i>				
Compressor: Airman PDS185S-6E1 185CFM Towable (3/4" x 50 ft hose, claw connection)				
Flow Meter: Hedland (Badger Meter Inc) #H791A-250				
Decibel Meter: Extech #407750 (Standards: Meets ANSI and IEC Type 2)				



## PLCS, LLC





102 Gaither Drive Unit 1  
 Mount Laurel, NJ 08054  
 (856) 722-1333 www.plcsusa.com info@plcsusa.com

# Gas Leak Pinpointing: Rapid Gas Extractor (RGE)

## Operation

The RGE venturi tube vacuum design uses the right balance between airflow and suction to provide higher performance over other air movers. An air mover may have exceptional air volume flow, but low suction will not get the job done quickly. Unfortunately, this is a characteristic of many general-purpose air movers.

*The RGE rapidly evacuates residual gas because of its strong airflow consumption at a maximum of 135 CFM and high air velocity of 103 ft/s, creating 90 inches of water suction lift.*

Parts List	
Part#	Description
69-EVWP2-RGE	Rapid Gas Extractor c/w Base Flange and Nipple (please state, 1" or 3/4") 
69-EVWP2-B	Base Flange c/w Ground Connection 
69-EVWP2-GB	1" X 3/4" GALVANIZED BUSHING 
69-EVWP2-N1 69-EVWP2-N2	1" X 12" GALVANIZED NIPPLE 3/4" X 12" GALVANIZED NIPPLE 

### PLCS, LLC

102 Gaither Drive Unit 1  
Mount Laurel, NJ 08054  
(856) 722-1333 [www.plcsusa.com](http://www.plcsusa.com) [info@plcsusa.com](mailto:info@plcsusa.com)