

# Rapid Gas Extractor (RGE)

***Absolutely the fastest 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 first responder should have one!***

- Fast and Simple
- Lightweight with 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

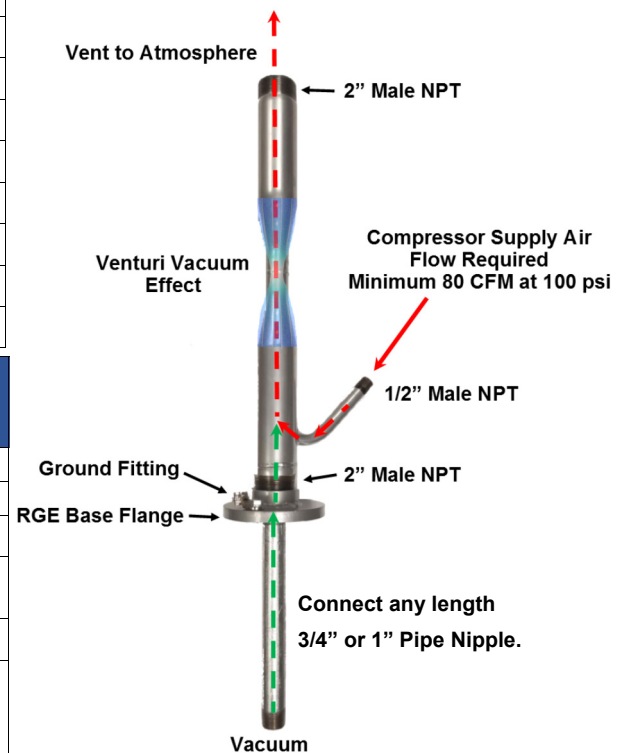
Performance Data				
Rapid Gas Extractor with Base Flange and 1" Suction Pipe				
# 69-EVWP2-RGE				
PSI	40	60	80	90-100
CFM	25	50	75	100-135
Air Velocity ft/s	122	183	244	305-412
Suction Lift (in of water)	180			
Decibel Rating (dB)	105 dB (3' away from RGE)			
<i>Equipment Used:</i> Compressor: Airman 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)				

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 412 ft/s, creating 180 inches of water suction lift.



*Optional vent extension risers available.*



## EGW Utility Solutions

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# Rapid Gas Extractor Parts List

Part #	Description
69-EVWP2-RGE	<p>Rapid Gas Extractor (RGE) Includes Base Flange with Suction Nipple (Specify Size: 3/4" or 1")</p> 
69-EVWP2-B	<p>RGE Base Flange with Ground Connection</p> 
69-EVWP2-100 (1") 69-EVWP2-75 (3/4")	<p>RGE 12" Long Suction Nipple NPT (1" or 3/4")</p> 
69-4638K362	<p>RGE Galvanized Steel 1" NPT Male x 3/4" NPT Female Bushing Adapter</p> 
Part #	RGE Water Pump Conversion Parts
69-EVWP2-H-RGE	<p><b>RGE Venturi Pump Combo Kit</b> Includes all interchangeable parts for gas &amp; water extraction</p> <ol style="list-style-type: none"> <li>1. Venturi Tube with 1/2" Male NPT connection</li> <li>2. RGE Flange Base with ground connector</li> <li>3. Suction Nipple (specify 3/4" or 1")</li> <li>4. Strainer</li> <li>5. 20' Discharge hose</li> </ol> 
69-EVWP2-DH	<p>20' Lay-flat PVC 2" Discharge Hose Includes 2" brass pin lug swivel connector on one end.</p> 
69-EVWP2-S	<p>6" Diameter X 2" NPT Water Strainer (3/8" holes)</p> 

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