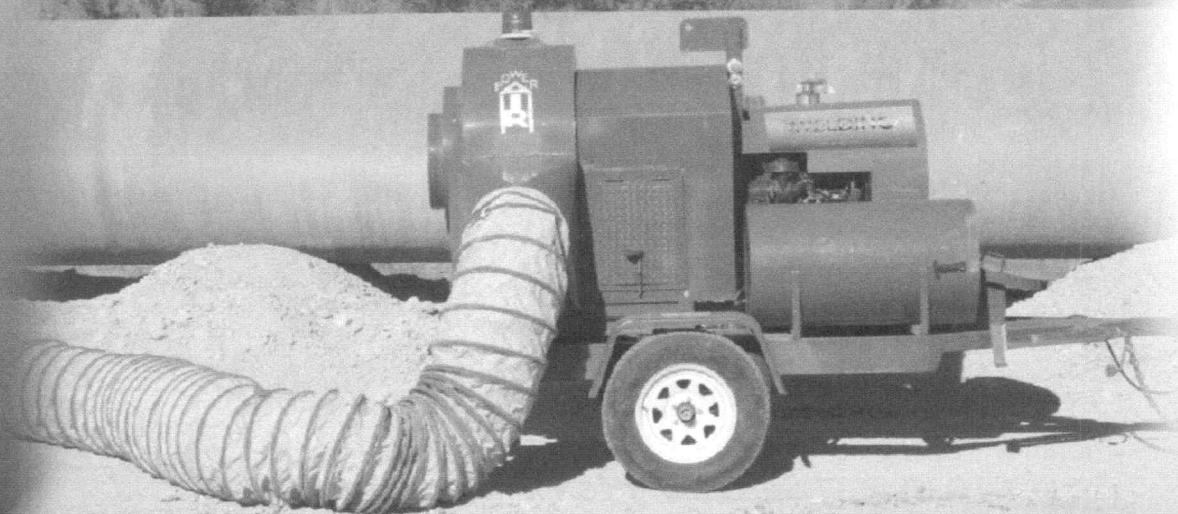


# Ventilation Systems



- **Weekly and Monthly Rates**
- **Portable**
- **12,000 CFM**
- **25 Horsepower Isuzu Diesel Engine**
- **30-gallon fuel tank**
- **25-foot ventilation hose**

Call National Welding

**801-255-5959**

# NATIONAL WELDING CORP.

<b>VENTILATION FLOW RATES</b>					
Pipe Diameter	Distance	Air	Flow Rate	Flow Rate	Required Blower
	Opening to Opening	Changes/Hr	Feet/min.	Miles/Hour	CFM
48	1,200	6	120	1	1,508
60	1,200	6	120	1	2,356
72	1,200	6	120	1	3,393
84	1,200	6	120	1	4,618
96	1,200	6	120	1	6,032
120	1,200	6	120	1	9,425
132	1,200	6	120	1	11,404
144	1,200	6	120	1	13,572
NOTE: COMPLIES WITH THE BUREAU OF RECLAMATION CRITERIA AND GENERALLY ACCEPTED INDUSTRIAL PRACTICE					
48	2,000	6	200	2	2,513
60	2,000	6	200	2	3,927
72	2,000	6	200	2	5,655
84	2,000	6	200	2	7,697
96	2,000	6	200	2	10,053
120	2,000	6	200	2	15,708
132	2,000	6	200	2	19,007
144	2,000	6	200	2	22,620
NOTE: COMPLIES WITH THE BUREAU OF RECLAMATION CRITERIA AND GENERALLY ACCEPTED INDUSTRIAL PRACTICE, AWS D1.1 SEC 5.12 DOES NOT ALLOW WELDING WHEN WIND VELOCITY EXCEEDS 5 MPH CHART DOES NOT CONSIDER FRICTION LOSS FROM BENDS, VALVES OR CHANGE OF DIRECTION					
<b>THIS CHART IS FOR INFORMATION PURPOSES ONLY. NATIONAL WELDING MAKES NO GUARANTEE AND ASSUMES NOT LIABILITY AS TO THE ADEQUACY OF THESE RATES. JOB SPECIFIC CONDITIONS AND GOVERNMENTAL REGULATIONS VARY.</b>					

National Welding Corporation

7025 S. Commerce Park Dr. • Midvale, UT 84047 • PH (801) 255-5959 • Fax (801) 255-5919  
Website: [www.national-welding.com](http://www.national-welding.com)