

# reliably RATERMANN



- reliable people.
- reliable solutions.
- reliable delivery.

*Image shown is a 5000 Liter Arctic Fox® tank*

## Features of the Arctic Fox® Series of Mini Bulk Tanks

	1500 Liter	2000 Liter	3000 Liter	5000 Liter	6000 Liter
Top fill capability with Micro bulk CGA connection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Top/Bottom bulk fill connection w/inline checks & oversized plumbing for rapid fill times.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
High gas output capacity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Excellent NER and product retention	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
External Pressure building system for rapid recovery	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vaporizer with high volume gas output capability included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Isolation valves for all components for field repairs with minimal product loss.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2" Pressure gauge and 3 1/2" easy to read Liquid level gauge	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Port for testing annular vacuum levels	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
VHP (500 psi) gas service with other service pressures available	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Strainer protected PB Regulator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Liquid withdraw options	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mounting provisions for your telemetry unit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dual vent lines for rapid blow down capability	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dual 1/2" x 1" safeties with Heavy Duty diverter valve	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Small footprint galvanized skid included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5 Year warranty on the vacuum	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 year parts and labor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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**Arctic Fox<sup>®</sup>  
Specifications**

	1500 Liter	2000 Liter	3000 Liter	5000 Liter	6000 Liter
Height (inches)	88.60	115.00	121.00	130.00	130.00
Foot Print (L x W) (inches)	63.00 x 63.00	63.00 x 63.00	75.00 x 75.00	98.00 x 98.00	112.00 x 112.00
Pallet base (L x W) (inches)	59.00 x 59.00	59.00 x 59.00	66.00 x 66.00	88.60 x 88.60	94.50 x 94.50
Empty Weight with pallet (pounds)	2,976	3,401	4,404	8,932	9,480

**CAPACITY**

Liquid (Liters) Gross	1,500	2,080	3,000	4,990	6,000
Liquid (Liters) Net	1,290	1,830	2,580	4,490	5,400
Liquid (Gallons) Gross	396	550	793	1,318	1,585
Liquid (Gallons) Net	341	483	682	1,186	1,426
Gas capacity (ft <sup>3</sup> ) Nitrogen	29,470	41,806	58,940	102,589	123,362
Gas capacity (ft <sup>3</sup> ) Oxygen	36,338	51,549	72,677	126,532	152,112
Gas capacity (ft <sup>3</sup> ) Argon	35,561	50,447	71,123	124,307	148,860
Gas capacity (ft <sup>3</sup> ) Carbon Dioxide (CO <sub>2</sub> )	25,550	36,245	51,099	88,930	106,953
Capacity (Lbs) Carbon Dioxide (CO <sub>2</sub> )	2,923	4,416	5,846	10,174	12,236

**PERFORMANCE**

NER (% /day LN <sub>2</sub> )	≤0.8%	≤0.8%	≤0.8%	≤0.45%	≤0.45%
NER (Lb/day) Carbon Dioxide (CO <sub>2</sub> )	≤2.8	≤3.8	≤4.0	≤5.0	≤5.6
Gas Flow (scfh) N <sub>2</sub> , O <sub>2</sub> , Ar	2,471	2,825	2,825	3,531	3,531
Gas Flow (scfh) Carbon Dioxide (CO <sub>2</sub> )	927	1,060	1,060	1,900	1,900
Gas Flow (Lb/hr) Carbon Dioxide (CO <sub>2</sub> )	113	130	130	218	218

**PRESSURE RATINGS**

Max. Pressure relief setting (psig)	500	500	500	500	500
Operating Pressure (psig)	450	450	450	450	450
Design Specification ASME VIII-1	Yes	Yes	Yes	Yes	Yes