



## EQUIPMENT PROFILE

# 38,000,000 BTU Frac Water Heater Unit

### Frac Water Heater

Our 38,000,000 BTU frac water heaters are dual fired – diesel or natural gas – trailer mounted, fully enclosed units. These units are capable of heating water up to 38°C (100°F) in a single pass at a flow rate of 500GPM, with a maximum flow rate of 850GPM at 50 psi (inlet pressure). The dual burners included on each unit meet all NFPA combustion system requirements and are equipped with safety shutdowns. Burners are digitally controlled to ensure adequate water temperatures are being achieved.

### Frac Water Heater Footprint

Length	Width	Height	Weight
13.7 m (45")	2.6 m (8'6")	3.96 m (13')	29,937 kg (66,000 lbs)



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## Heat Exchanger

- > 2" – SA106 GR B, SCH 40 pipe
- > Multi core, multi pass, low pressure design
- > Inlet and outlet manifolds within burner chamber
- > 6x5 hydraulic drive centrifugal water charge pump
- > Multiple 4" suction and discharge connections at rear of trailer

## Burner Chamber

- > 1/4" steel plate construction
- > Removable top with air operated hinged covers
- > 3" Ceramic fiber insulation rated at 2300o on all surfaces including top

## Fuel Tank

- > 10,220 litre (2700 gallon) aluminum fuel tank
- > Top fill and lower pressure fill connections
- > Top manway, pressure relief valve, level gauge
- > Air operated vent valve, air operated fuel supply valve to burner
- > Manual fuel supply valve to deck engine
- > Heated and insulated tank bottom shell

## Hydraulic System

- > 1135.6 litre (300 gallon) hydraulic tank
- > 4 Pump with 2 oil coolers, valves and controls
- > System operates, water charge pump, combustion blower, fuel pump, air compressor



### EDMONTON, AB

9304 39 Avenue Northwest  
Edmonton, AB T6E 5T9  
Office: +1 780-485-0690

### CALGARY, AB

Suncor Energy Centre, West Tower  
#5100, 150 6th Avenue, S.W.  
Calgary, AB T2P 3Y7  
Office: +1 403-538-2140

### FORT MCMURRAY, AB

136 Macmillan Road  
Fort McMurray, AB T9H 5L4  
Office: +1 780-750-2829

### FORT ST. JOHN, BC

Graywest Office Centre Ltd.  
10704 97 Avenue  
Fort St. John, BC V1J 6L7  
Phone: +1 250-785-1706



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[fourquest.com](http://fourquest.com)