



# Alien Queen

**Home Port:** Seattle, WA  
**Owner(s):** Center for Wooden Boats  
**Phone:** (206) 382-2628  
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## Hull:

**Type:** Hard Chine  
**Purchased:** 1999  
**Launched:** 2001  
**Hull Builder:** Waldo Clafflin  
**Material:** Wood  
**LOA:** 19 feet  
**LWL:** 18 feet  
**Beam:** 5.5 feet  
**Draft:** 1.5 feet  
**Capacity:** 5 adults  
**Speed:** 6 knots  
**Weight:** 2500 lbs.

## Engine:

**Type:** Simple  
**Built:** 2001  
**Builder:** Dan Lyons  
**Number of Cylinders:** One  
**Bore & Stroke:** 3" x 4"  
**Valve:** "D" Slide  
**IHP:** 5  
**RPM:** 500  
**Reverse Type:** Slip Eccentric  
**Condenser Type:** Keel, 0.75" Copper  
**Condenser Size:** 2.75 sq. ft.  
**Vacuum:** -

## Propulsion:

**Diameter & Pitch:** 18" x 21"  
**Number of Blades:** Three  
**Material:** Bronze  
**Make:** Unknown  
**Right or Left Hand:** Right Hand  
**Shaft Size:** 1" Diameter  
**Steering:** Wheel & Cable

## Boiler:

**Type:** Vertical Fire Tube - 2  
**Bhp:** 5 hp  
**Overall Size:** 24" in diameter x 30"  
**Heat Surface:** 27 Sq. Ft.  
**Fuel:** Oil  
**Pump Type:** Teel - Piston

**Builder:** Beckmann  
**Operating Pressure:** 150 psi  
**Number of Tubes:** 61  
**Economizer HS:** Yes  
**Grate Area:** N/A  
**Injector Type:** -

**Year Built:** 1998  
**Gauges:** -  
**Size of Tubes:** -  
**Superheater HS:** None  
**Stack Dia. & Height:** 6" Dia. x 4'  
**Tanks:** 13 Gallons

Other: The engine was machined from a set of Simple castings. 12 v. DC Beckett oil burner. Lives at the Center for Wooden Boats on Lake Union. Donated by the late Dan Lyons.

