

Location: Canada/USA

Service: Fireboats

Waterjet Model: Various HJ

Fairfax County FD (left) & Clayton FD (right) – Firestorm 36



**TYPE:**

Firestorm 27, 30, 36, 40, 47 & 50

**SERVICE:**

Firefighting / Rescue Boats

**CONSTRUCTION:**

Aluminium

**WATERJETS:**

Twin HamiltonJet HJ Series

**ENGINES:**

Twin Cummins diesel engines

**DESIGNER/BUILDER:**

MetalCraft Marine Inc,  
Kingston, Ontario, Canada

**HamiltonJet DISTRIBUTOR:**

Jastram Technologies,  
St Catharines, Ontario, Canada

## MetalCraft Marine – Specialists in Waterjet Propelled Fireboats

Increasing demand for marine-based firefighting appliances has created a new breed of work and patrol boat. Fast and agile, these new fireboats are capable of many rescue duties in a wide range of conditions. MetalCraft Marine's HamiltonJet powered "Firestorm" fireboats are at the forefront of this new sector.

Firestorm fireboats are the culmination of years of study and research by Ontario-based MetalCraft Marine into the requirements of modern firefighting, rescue and patrol craft.

The Firestorm hull is based on MetalCraft's highly successful "Kingston" jet boat design, which was first built in 1987. This unique hull design provides extra lift and low trim angles – an important feature when considering that additional firefighting equipment carried can result in AUW 25% higher than conventional patrol boats.

Each of the six Firestorm models – 27, 30, 36, 40, 47 & 50 – utilise twin Hamilton

model waterjets and Cummins engines. Many of the special features on the boats were developed with input from firefighting / rescue organisations, particularly the OWL Volunteer Fire Department on the Potomac River, VA, which helped design its Firestorm 36 before taking delivery in 2002 (refer to JetBrief No: 357).



**HamiltonJet**  
[www.hamiltonjet.co.nz](http://www.hamiltonjet.co.nz)



Fairfax County FD (left) & Clayton FD (right) – Firestorm 36

**Fairfax County Fire Dept. Fairfax, VA, USA & Clayton Fire Dept. New York, USA**

Clayton FD (left) & Fairfax County FD (right) & – Firestorm 36

**TYPE:**  
Firestorm 36  
**LENGTH:**  
11.00 metres  
**BEAM:**  
3.35 metres  
**DRAUGHT:**  
0.50 metres  
**SPEED:**  
38 knots  
**WATERJETS:**  
Twin HamiltonJet Model HJ322  
**ENGINE:**  
Twin Cummins Diesel engines  
Model 6CTA8.3-M, each  
321bkW (430bhp) @ 2600rpm



**Broward County Sheriff's Office  
Dept of Fire Rescue & Emergency Services,  
Fort Lauderdale, FL, USA**

**TYPE:**  
Firestorm 40  
**LENGTH:**  
13.10 metres  
**BEAM:**  
4.35 metres  
**DRAUGHT:**  
0.60 metres  
**SPEED:**  
38 knots  
**WATERJETS:**  
Twin HamiltonJet Model HJ322  
**ENGINE:**  
Twin Cummins Diesel engines  
Model QSM 11, each  
433bkW (580bhp) @ 2300rpm



Broward County Sheriff – Firestorm 40

Sausalito FD – Firestorm 30



**Sausalito Fire Dept. Sausalito, CA, USA**

**TYPE:**  
Firestorm 30  
**LENGTH:**  
9.75 metres  
**BEAM:**  
3.23 metres  
**DRAUGHT:**  
0.40 metres  
**SPEED:**  
37 knots  
**WATERJETS:**  
Twin HamiltonJet Model HJ241  
**ENGINE:**  
Twin Cummins Diesel engines  
Model 4.2 EI 300, each  
224bkW (300bhp) @ 3800rpm