



## HALE 20FP-C8 FYR-PORT

### FEATURES AND BENEFITS

- **High Pressure Performance.**
- **Compact, very lightweight design.**
- **High horsepower/weight ratio.**
- **One man portability.**

The Fyr-Port series portable pumping units are specially designed for applications involving high pressure.

The Fyr-Port features the advanced design and engineering that have made Hale an industry leader for more than 80 years.

Standard features include brass piston type hand primer, recoil starting, and an 8 horsepower two-cycle engine which offers high horsepower in a small package. Two different mounting options are available — skid (20FP-C8SK) or wrap-around frame (20FP-C8FR).

The complete pumping unit weighs in at a mere 50 pounds making it possible for one man portability.

### TECHNICAL SPECIFICATIONS

#### ENGINE

**Model and Type:** U. S. Motor Power Corp., single cylinder, 2-cycle, air cooled.

**Governing:** Electrical overspeed protection.

**Rating:** 8 HP at 7000 RPM.



**Lubrication:** Oil/gas mix.

**Starting:** Recoil type starting.

**Air Filter:** Dry element type.

**Exhaust:** Spark arresting.

### OPTIONS

**Hose Package:** Contains 100 feet of 1-1/2 inch fire hose, adjustable nozzle, tune-up kit, and 2-cycle oil in a canvas carrying bag.

### WEIGHT AND DIMENSIONS

**Weight:** 50 pounds (23 kg)

**Length:** 17.5 inches (444.5 mm)

**Width:** 16.0 inches (406.4 mm)

**Height:** 19.5 inches (495.3 mm)

*Weights and dimensions are for the wraparound frame option. Skid option weight: 35 pounds (16 kg).*

**PUMP**

**Type:** Single stage centrifugal bolted directly to engine.

**Suction:** 1-1/2 inch female NST thread.

**Discharge:** 1-1/2 inch female NST thread.

**Volute and Head:** High strength, corrosion resistant aluminum alloy with machined waterways.

**Impellers:** Hard, fine grain bronze, fully machined and hand balanced, with smooth internal waterways and mixed-flow vanes for maximum efficiency.

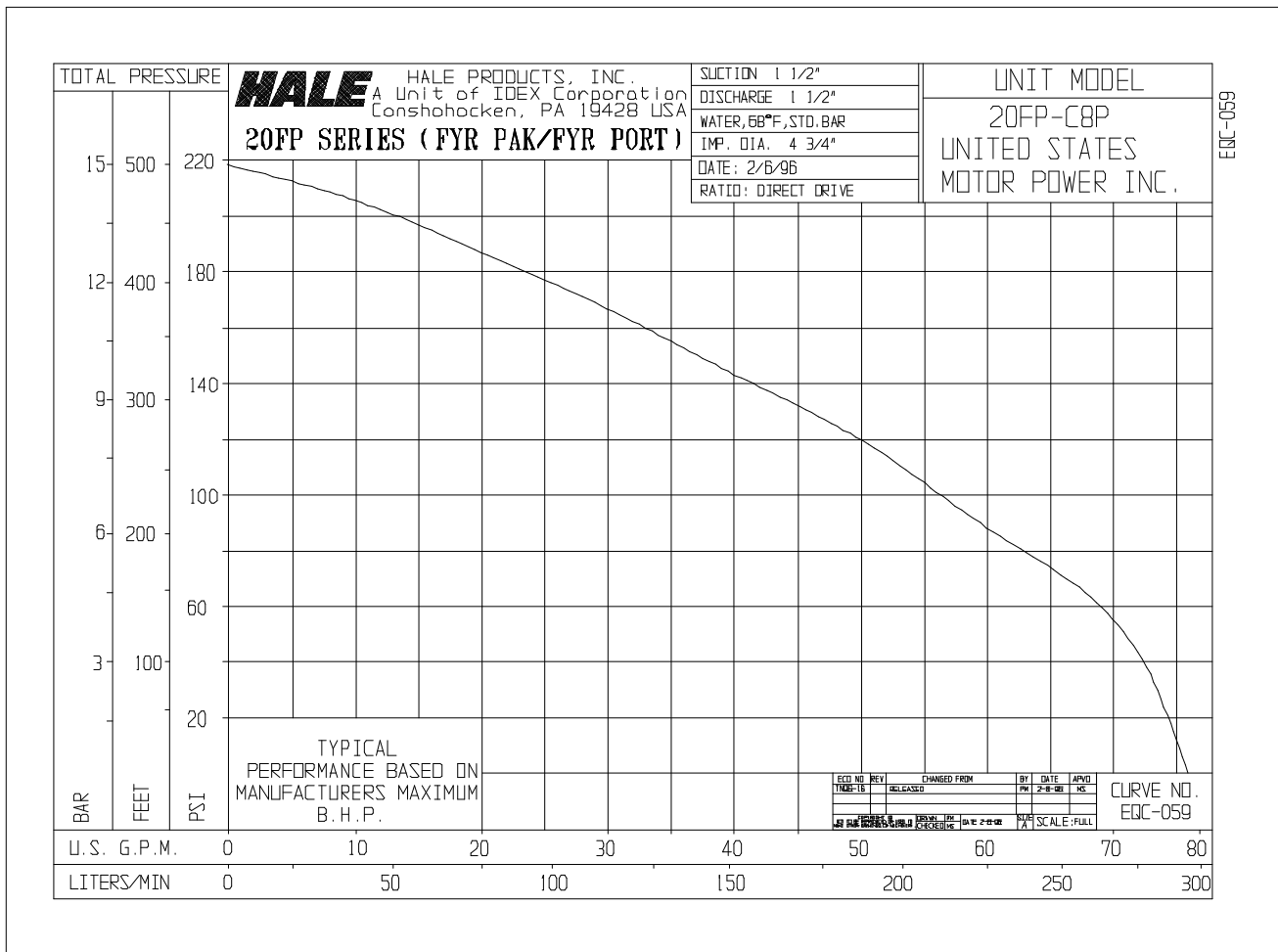
**Clearance Rings:** "Floating" bronze for minimum clearance.

**Shaft:** Engine's horizontal shaft serves as pump shaft and is protected against corrosion by a bronze sleeve.

**Shaft Seal:** Long-life, maintenance free, self-adjusting, self-lubricated with a special ceramic seat for wear and shock resistance.

**Priming:** Compact, hand operated, piston type, brass priming pump.

**Testing:** Performance test performed at Hale's facility.



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