



## SNORKEL PUMPS



### SIKORSKY HELICOPTER with SNORKEL S2 PUMP

The Snorkel Series of Pumps have been designed for aerial fire suppression. A Snorkel Pump is installed at the end of a suction hose and is used to draw water from a source located on the ground into the helicopters onboard storage tank.

The hose/pump is lowered into the water source, water is quickly pumped from the ground source to the onboard storage tank, and the helicopter can then fly directly back to the fire location to dump water on the fire. Since the helicopter can refill its tank without landing, the cycle time is much shorter than fixed-wing delivery systems, assisting to control a fire more efficiently.

Snorkel pumps are manufactured from aluminum and stainless steel components. They have a duty cycle of 2 minutes on/5 minutes off, and the pump can be run dry for a maximum of 15 seconds due to sealed motor bearings.

#### SNORKEL S1 PUMP

- 7.5 Horsepower
- Electric: 208V/3PH/400Hz
- 1000 GPM at 12' of Lift



**Snorkel S1 Pumps** can be used on helicopters with storage tanks of at least 1,000 US Gallons.

**Snorkel S2 Pumps** can be used on helicopters with storage tanks of at least 2,000 US Gallons.



#### SNORKEL S2 PUMP

- 23 Horsepower
- Hydraulic: 23 Brake HP
- 2400 GPM at 20' of Lift

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