



Hydro-Hatch Lift System

Self-Contained 12 Volt Electro/Hydraulic Marine Engine Hatch Lifter Complete with Marine Grade 25-AMP Rocker Switch

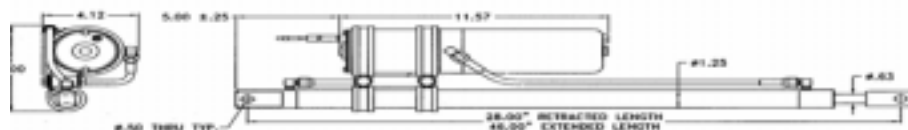
HYDRO-HATCH LIFT SYSTEMS

(Available as a Self-Contained Unit or Individual Component Parts)

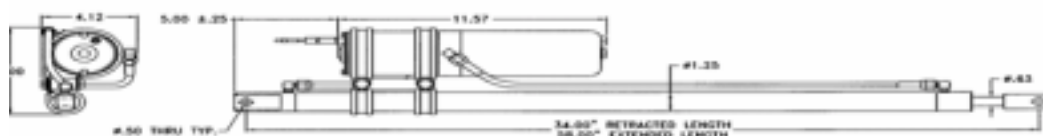
API Marine's flexible modular design approach allows boat builders the options of installing components anywhere in the vessel to control opening and closing of one or more hatches from a single Power Pack. The option of a self-contained lightweight unit for fast simple installations gives you choices never before available with "Off the Shelf Components."

FEATURES

- ✓ Marine grade Stainless Steel & Aluminum Construction
- ✓ 12 or 24 Volt DC Sealed Electric Motors, 2-wire simple hook-ups
- ✓ Marine Grade Double Throw Rocker Switch
- ✓ Mini or Maxi Hydraulic Power Packs, Cylinder Mounted or Remote
- ✓ Bracket to Remote Mount Power Pack
- ✓ Compact Size, Light Weight, for maximum lifting capacity
- ✓ Two Standard Length Cylinders with Simple Pin Mounts
- ✓ Heavy Duty Aluminum Clevis Mounts for Hatch and Stringer
- ✓ Smooth Quiet Responsive Hydraulic Action with No-Coasting
- ✓ Lifting Capacity 900 lbs. 1" Cylinder. Higher Capacity Available
- ✓ System is Virtually Maintenance Free
- ✓ Operating Temperatures 10 to 165 Degrees F.
- ✓ System can Operate with Environmentally Responsible Fluid
- ✓ Hose Kits supplied with Fittings on Both Ends
- ✓ Optional Pressure Relief System for Emergency Manual Opening
- ✓ Optional Hydraulic Dump Valve for Manual Operation
- ✓ Competitive Pricing, Offering an Alternative to Electric Actuators



API Part # HL-18
**Stock Item*



API Part # HL-24
**Stock Item*

Hydro-Hatch Lift System

Custom design a Hydro-Hatch Lift System to meet your specific application.

- ✓ **Mini Power Pack:** 12V DC 19 cu. in. Reservoir, Displacement .025 cu. in. per revolution. Maximum Hatch Weight 250 pounds with 1" bore cylinder. Can be Mounted on Cylinder or Remote. API Part # PP-701N, 2-Wire Permanent Magnet Motor



- ✓ **Maxi Power Pack:** 12V DC 48 cu. in. Reservoir, Displacement .04 cu. in. per revolution. Maximum Hatch Weight 900 pounds with 1" bore cylinder. API Part # PT-406N, 2-Wire Permanent Magnet Motor



- ✓ **Cylinders:** Two standard lengths: 26.5" and 32" retracted length. Anodized aluminum tube 1" bore with 5/8" stainless shaft. Double Acting Cylinder, Power-up/Power-down. Rod End Clevis and Cylinder End Clevis supplied with pins.



- ✓ **Hose Kit:** Two hoses required per installation. Aeroquip FC 121-03 Polyon hose supplied with mil spec fittings 4JIC. Hose sold by the inch and each hose equipped with one fitting at each end for easy installation.



- ✓ **Clevis Mounts:** Stringer and Hatch mounts manufactured from solid aluminum Stock. Pre-drilled for easy installation. Hatch mount can be threaded to allow removal from outside of hatch in emergency.



Stringer Mounts



Hatch Mount

- ✓ **Manual Override Valve:** Consisting of a three-way diverter valve with "T" fitting allowing fluid to by-pass pump and be self contained in the system.

- ✓ **Emergency Dump Port:** Simple valve to allow emergency opening of the hatch, consists of "T" fitting with Cap, allows fluid to be drained from pump/cylinders into a suitable container.

- ✓ **Switch:** Marine Rocker 12 volts DC. Momentary On-Off-On, Six Pole.



Please Note: Due to design changes, some units pictured may appear different than actual products.