

# Model ESP

## Environmentally Safe Priming System



Hale's new Model ESP priming system provides the ultimate in fast priming, high vacuum performance and reliability **without** the use of a lubricant. Technologically advanced and environmentally safe, the Model ESP is self lubricating. There is **no** oil tank to check and refill, **no** oil is expelled to the ground. The Model ESP is a semiautomatic priming system with a single action control valve which simultaneously activates the entire system, ensuring fast, consistent air evacuation. Hale's electric rotary vane-type positive displacement primer is available with 12-volt or 24-volt DC power.

The Model ESP features an enclosed motor to prevent dust, dirt and water from entering. All system components, motor/pump unit, ground strap, and control valve are supplied ready for assembly.

### SPECIFICATIONS

#### Performance

Vacuum Capability of 24 in. Hg (610 mm Hg).

#### Pump Type

Heat-treated, anodized aluminum specially coated for wear and corrosion resistance.

#### Control Valve

Single action, push-pull control valve, all bronze construction. Designed for mounting on pump or panel for remote control operation. Optional SPV Control Valve allows single button to operate the primer from the pump panel. Ideal for crowded pump panels, it eliminates running bulky hoses to a panel mounted valve.



#### Motor

Direct current, totally enclosed; 4.5 inches (114 mm) diameter

#### System Weight

27 pounds (12.2 kg).

#### Mounting Option

Complete unit can be purchased factory mounted to midship pumps

Voltage DC Amps	Priming Amps	Max.
12	220	300
24	110	150

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PUMP OPTIONS