



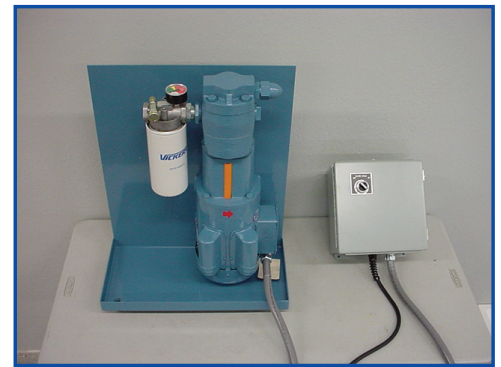
# AMERICAN GOVERNOR

## **KIDNEY LOOP OIL FILTRATION SYSTEM** **Continuously Clean Your Governor Sump Oil**

Clean oil is vital to any governor system, new or old. Dirty, contaminated oil leads to increased wear rates on older governors and can clog the pilot sections of newer governor equipment. Many utilities have decided they need to do more to maintain their oil cleanliness than a once-a-year trip through the filter press and centrifuge. For these customers we offer Kidney Loop Oil Filtration Systems.

### **Kidney Loop System includes:**

- Positive-displacement gear pump
- AC motor with overload-protected starter
- High-capacity spin-on oil filter (10 $\mu$  or less)
- Fabricated steel skid
- Drip pan with bottom drain valve
- Oil sample valve for convenient testing
- Pre-wired control enclosure
- Detailed instruction manual



American Governor Company offers a complete line of pre-engineered retrofit kits, partial upgrade kits, and digital governor systems:

### **Governor Retrofit Kits Available:**

- Solenoid-Operated Pump Unloader Kits and Lead/Lag Operator Panels
- Selsyn Replacement Kits (substitutes 4-20mA transducers, new remote indicators)
- 3D Cam Replacement Kits (eliminates obsolete mechanical and early-digital designs)
- PLC-based Speed Switch Replacement Kits (eliminates auxiliary switches)
- Digital Governor Interface Kits (for remote control of mechanical and analog governors)
- Auxiliary Speed Switch Test Stand

### **Governor Upgrade Kits Available:**

- Partial Upgrade Kits (includes PLC and Pilot Valve Replacement Kits)
- Complete Governor Upgrade Systems (includes PLC, valves, HPU units and pressure tanks)
- American Governor Upgrade Kits are available for governors made by:

#### **Woodward:**

Mechanical Cabinet Actuators  
Analog Electric Actuators (Mod I and II)  
Gateshaft Governors  
Type A Actuators

**Other Manufacturers:** Pelton, Cheston, Allis-Chalmers, Voith, ASEA, SM Smith, Lombard, others

While we do offer upgrade kits, American Governor is also **proud to support your legacy governors** with high-quality replacement parts at reasonable prices, expert field service on short notice, knowledgeable technical support, and professional training classes.

• **MAINTAIN OIL CLEANLINESS AUTOMATICALLY!**

• **PERMANENTLY MOUNTED ADJACENT TO OIL SUMP**

• **230/460VAC 3 PHASE MOTOR, OR OPTIONAL 120VAC 1 PHASE MOTOR**

• **HIGH-CAPACITY OIL FILTER WITH OPTIONAL WATER RETENTION CAPABILITY**

• **CONTINUOUS OR TIMED OPERATION**

• **FLOW CONTROL VALVE TO ADJUST OIL HEATING**

• **INSTALLATION AND OPERATION MANUAL**

## Factory Repairs are also Available for other Governor Assemblies:



Aux. Speed Switches



Brake Air Valves



Dashpots



Distributing Valve Plungers & Bushings



Analog Modules



Digital Modules

### Regional Offices Serve You Better!

Call today for governor parts, service, training, or technical support.

### Governor School is Back!

Every June in Wisconsin. Call your Regional Office for details.

### New and Reconditioned Parts Available

American Governor parts meet or exceed OEM standards.

### Nagging Governor Problems?

American Governor experts are just a phone call away.

### OEM Unsupportive?

American Governor supports all types and styles of hydro governors, produced by any manufacturer.

### Have an Emergency? Call Us!

American Governor has a wide variety of governor assemblies and auxiliary systems that can be sent out on short notice to get your unit running.



Wisconsin Training and Repair Facility

### Northwest Office

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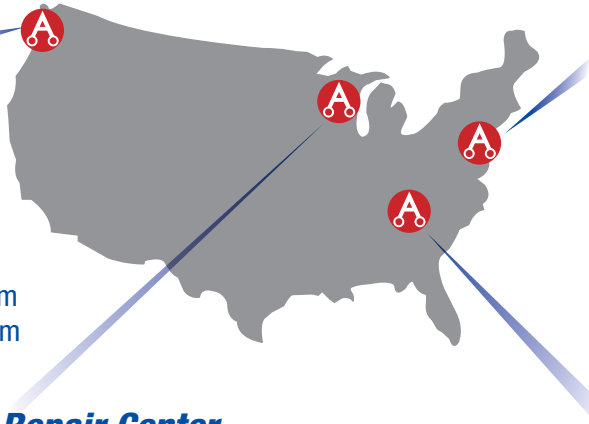
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From the Oldest Mechanical to the Newest Digital...

# We Know Governors