

Governor Products

Kidney Loop Oil Filtration System

Continuously Clean Your Governor Sump Oil

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

KLP - E



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 decid-

ed 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 (10µ 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.



CORPORATE HEADQUARTERS

27 Richard Road
Ivyland, PA 18974
Phone: (215) 354-1144
Fax: (215) 354-1782
Email: info@americangovernor.com

NORTHWEST OFFICE

Contact: Roger Clarke-Johnson
Lori Bergren
Kirkland, WA
Phone: (425) 821-8076
Fax: (425) 821-4127
Email: rogercj@americangovernor.com
lorib@americangovernor.com

BRAZIL REGIONAL OFFICE

Contact: Suzane Frisselli
São Paulo, Brazil
Phone: +55 (11) 3449 0881
Fax: +55 (11) 3666 9016
Email: sfrisselli@americangovernor.com

MIDWEST TRAINING & REPAIR CENTER

Contact: Sara Karolus
Amherst, WI
Phone: (715) 824-3800
Fax: (715) 824-5979
Email: sarak@americangovernor.com

SOUTHEAST OFFICE

Contact: Alan Fox
Tandi Trent
Maynardville, TN
Phone: (865) 992-1123
Fax: (865) 992-2921
Email: alanfox@americangovernor.com
ttrent@americangovernor.com



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For more information, visit us on-line at www.AmericanGovernor.com