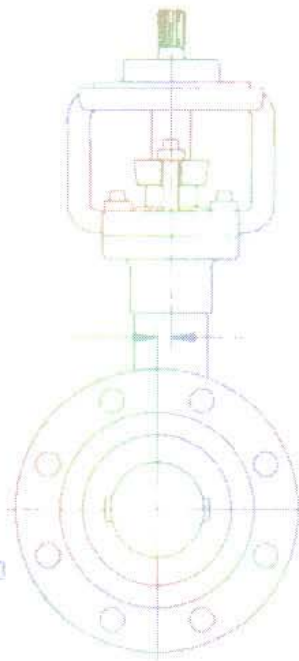


wide rangeability



- Control Valves
- Shutoff Valves
- Control Instrumentation
- Steam Conditioning Systems
- Steam Water Heaters
- Regulators
- Service



total system solutions

STEAM & thermal fluid CONTROLS

LESLIE CONTROLS, INC.

A division of CIRCOR International, Inc.

LINEAR CONTROL VALVES

The wide range of linear control valves from Leslie Controls provide solutions to your fluid control needs. From severe service in a power station to low pressure HVAC, Leslie has a valve specifically designed for your application.

AEROFLOW

- Balanced or unbalanced plug, globe or angle style for steam, gases, water and other liquids; ideal for severe service
- Diaphragm, pneumatic piston or electric actuator
- Custom characterized trim options
 - C3 Combo - High rangeability, cavitation protection, low noise
 - T² High Gain w/DPS Positioner - Ultra high speed, extraordinary accuracy, guaranteed repeatability
 - Mini P Multi Stage - For low flow, high ΔP , cavitating service with tight shutoff
 - Micro Taper - For very fine control in low flow, high ΔP service
 - Les-Sonic Cage - Up to 25 dBA noise reduction
 - Les-Cav Cage - Anti cavitation, multi stage for pressure drops to 4000 PSI
- Zero leakage metal to metal seat exceeds ANSI/ISA 70-2 Class VI shutoff
- Carbon Steel, Stainless Steel, Chrome Moly - ANSI/ASME 150 to 4500 Flanged/Buttweld/Socketweld 1" to 16"

DBOY/DIGIDBOY

- Balanced plug, hung cage, cage throttling globe style for steam, gases, water and noncorrosive liquids
- Pneumatic or electric actuator
- High flow capacity and hardened stainless steel trim
- Metal seat up to ANSI/ISA 70-2 Class IV shutoff; Metal/PTFE seat meets ANSI/ISA 70-2 Class VI shutoff
- Cast Iron - ANSI/ASME 125/250 Flanged 2" to 8"; ANSI/ASME 250 Threaded 2"
- Carbon Steel, Chrome Moly - ANSI/ASME 150/300/600 Flanged 2" to 8"; ANSI/ASME 600 Threaded 2"
- Socketweld, Buttweld and DIN Flanges also available



Lil' Gator Type VLG

DLO/DIGIDLO SERIES

- Unbalanced plug, plug throttling, cage retained seat globe style for steam, gases, water and other liquids
- Pneumatic or electric actuator
- Metal seat meets ANSI/ISA 70-2 Class IV (or optional Class V) shutoff; Metal/PTFE seat meets ANSI/ISA 70-2 Class VI shutoff
- Cast Iron - ANSI/ASME 125/250 Flanged 1" to 4"; ANSI/ASME 250 Threaded 1/2" to 2"
- Carbon Steel, Stainless Steel - ANSI/ASME 150/300 Flanged 1" to 4"; ANSI/ASME 300 Threaded 1/2" to 2"
- Socketweld, Buttweld and DIN Flanges also available

DOS

- Unbalanced plug, hung cage globe style for steam, water and other liquids
- Pneumatic or electric actuator
- Hardened stainless steel trim; high temperature trim and packing options
- Metal seat meets ANSI/ISA 70-2 Class IV shutoff
- Carbon Steel - ANSI/ASME 150/300/600 Flanged or ANSI/ASME 600 Threaded/Socketweld 1" to 2"

GTB

- Balanced plug, top & bottom guided, double seated globe style for steam, gases, water and other liquids (especially dirty, sticky and erosive)
- Pneumatic or electric actuator
- High flow capacity and optional hardened stainless steel trim
- Metal seat meets ANSI/ISA 70-2 Class III shutoff
- Cast Iron - ANSI/ASME 125/250 Flanged 1" to 16"; ANSI/ASME 250 Threaded 1" to 2"
- Cast Steel, Stainless Steel, Chrome Moly - ANSI/ASME 150/300 Flanged 1" to 16"; ANSI/ASME 300 Threaded 1" to 2"



DKLO

DKLO SERIES

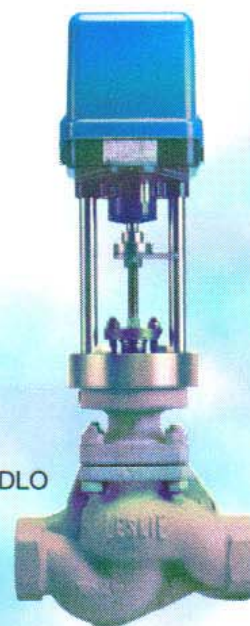
- Globe style for steam, water and other liquids
- Pneumatic or electric actuator
- Exceeds ANSI/FCI 70-2 Class IV shutoff and shuts off to 400 psi without positioner
- Cast Iron - ANSI/ASME 250 Flanged 2-1/2" to 4"
- Cast Bronze - ANSI/ASME 125/250 Union End 1/2" to 2"

LIL' GATOR TYPE VLG

- Globe style for steam, water and other liquids
- Pneumatic actuator
- Compact, high capacity streamlined body
- Metal seat meets ANSI/ISA 70-2 Class IV shutoff; Teflon® seat meets ANSI/ISA 70-2 Class VI shutoff
- Cast Iron - ANSI/ASME 250 Threaded 1/2" to 2"
- Stainless Steel - ANSI/ASME 150/300/600 Threaded or Flanged 1/2" to 2"



DBOY



DigiDLO

CONTROL VALVE ACTUATORS

Leslie offers a broad selection of actuators to suit your application. We match our valves and actuators to provide superior performance.

PNEUMATIC DIAPHRAGM

- Flanged yoke to bonnet connections
- Proven, durable workhorses; perfected in service more than 40 years
- Standard sizes 35, 55, 85 and 135 sq. in.

MAGNUM PNEUMATIC PISTON

- Low volume and long stroke with high response speed
- External spring return module
- Stroke up to 5 inches
- Stroke speed in excess of 3" per second with no overshoot when mounted with DPS Positioner on Aeroflow Valve

DIGI ELECTRIC

- Accepts analog signals 4-20 mA, 0-10 VDC or Profibus DP
- Digital Actuator Control (DAC) with pushbutton setup
- Stallproof, high thrust motor permits shutoff to 750 psi
- Manual handwheel
- IP 65 or IP 55 rated enclosure

ELECTRO-HYDRAULIC

- Patented Rexa Flow Match System for precise cylinder positioning
- Hydraulically stiff, self contained electrohydraulic power module for stability
- Output thrust ranges from 2,000 to 80,000 lbs.
- Stroke up to 6 inches

HEAVY DUTY ELECTRIC

- Anti-condensation heater
- Permanently lubricated motor
- Wide variety of options
- Output thrust up to 5,000 lbs.

PAS PNEUMATIC

- Double rack and pinion
- Spring return and double acting optional
- Maintenance free
- Up to 7000 in/lbs torque

EA350 ELECTRIC

- Compact size
- Permanently lubricated
- Manual override standard
- NEMA 4 enclosure



Aeroflow



AeroflowT² DPS



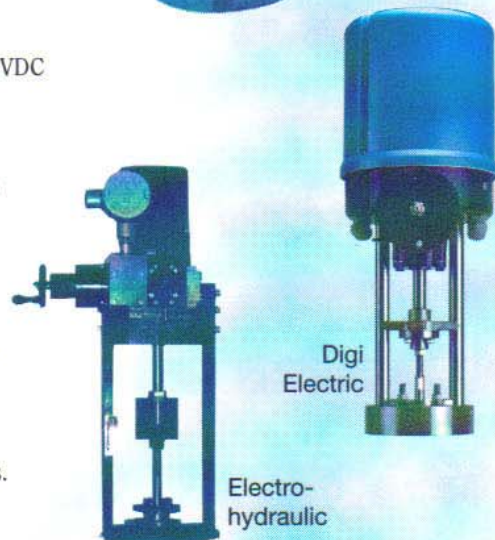
DOS



Pneumatic Diaphragm



Magnum Pneumatic Piston

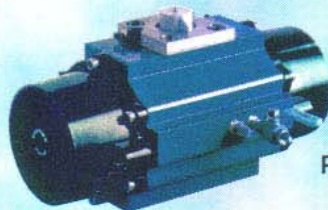


Digi Electric

Electro-hydraulic



EA350 Electric



PAS Pneumatic



Heavy Duty Electric

ROTARY CONTROL VALVES

Rotary control valves frequently outperform other valves handling dirty, erosive or corrosive fluids or slurry. Leslie's K-Max, originally introduced by Kieley & Mueller, has become an industry standard.

K-MAX (Kieley & Mueller)

- Eccentric plug rotary style for steam, gases, water and other liquids (especially corrosive, dirty and erosive/abrasive slurry)
- Pneumatic or electric actuator
- 100:1 rangeability
- Self aligning orbital seat
- Bi-directional flow
- Shaft access plug standard
- Triple bearing shaft support
- Plug cam action increases trim life
- Selection of trim sizes/materials
- Metal seat meets ANSI/ISA 70-2 Class IV (or optional Class V) shutoff; Metal/PTFE seat meets ANSI/ISA 70-2 Class VI shutoff
- Cast Steel, Stainless Steel - ANSI/ASME 150/300/600 Flangeless or Flanged 1" to 8"; ANSI/ASME 150/300 Separable Flanged 1" to 6"
- DIN and JIS Flanges also available
- Alloy 20, Hastelloy and Titanium also available



THREE WAY CONTROL VALVES

Leslie offers a wide range of three way control valves for mixing and diverting applications. Our Applications Engineers will ensure you have the right valve for the job.

GTW (Kieley & Mueller)

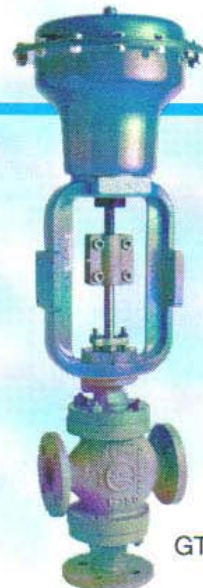
- Balanced plug, linear style for steam, gases, water and other liquids (especially dirty, viscous and corrosive)
- Pneumatic or electric actuator
- High flow capacity and self adjusting spring loaded Teflon® chevron stem packing
- Cast Iron - ANSI/ASME 125/250 Threaded 1/2" to 2" or Flanged 1/2" to 12"
- Cast Steel, Stainless Steel - ANSI/ASME 150/300 Flanged 1/2" to 12"

RV SERIES

- Rotary style for water and other liquids (especially dirty and viscous)
- Pneumatic or electric actuator
- High flow capacity
- Low operating force requires smaller actuators
- Cast Iron - ANSI/ASME 125 Flanged 4" to 16"
- Cast Bronze, Ductile Iron - ANSI/ASME 150 Flanged 4" to 16"
- DIN flanges also available

DOT

- Balanced plug, cage guided linear style for steam, gases, water and other liquids (especially viscous)
- Pneumatic or electric actuator
- Self adjusting spring loaded Teflon® chevron stem packing
- One piece body
- Cast Iron - ANSI/ASME 125 Threaded 1" to 2" or Flanged 1" to 3"
- Bronze - ANSI/ASME 150 Flanged 1" to 3"
- DIN Flanges also available



RV Series

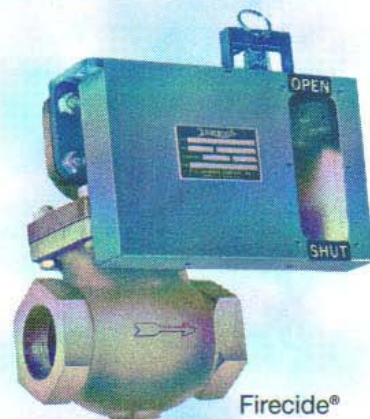
ON-OFF CONTROL VALVES

The Laurence line of fast acting on-off control valves, ideal where quick opening and tight shutoff are essential, are used extensively in the power and process industries.

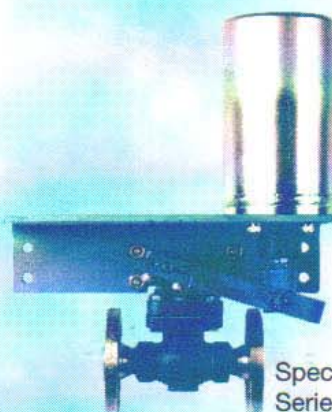
by *Laurence*



2500 Series



Firecide®



Specialty Series



CY500 False Start Drain Valve



Compressor Air Extraction

2500 SERIES ELECTRICALLY ACTUATED SHUTOFF

- Globe style, external lever, quick acting piston valve for steam, gases, water and other liquids (including dirty, viscous, corrosive and explosive)
- Solenoid actuator is fully electric or electrically tripped
- Actuator isolated from flow for safety and high temperatures
- Exclusive Soli-Con® actuator won't burn out due to valve blockage or excess line pressure
- External lever for higher pressures, manual operation and visual position indicator
- Direct, pilot assisted or semi-direct piston operation
- FM Approved explosion proof model available
- Cast Steel or Stainless Steel - ANSI/ASME 150/300 Flanged 1/2" to 4" or ANSI/ASME 300 Threaded 1/2" to 2"

FIRE-CIDE® SERIES HEAT ACTUATED SHUTOFF

- Globe style, external lever, quick acting piston valve for steam, gases, water and other liquids (including dirty, viscous, corrosive and explosive)
- Heat actuated fusible link actuator with manual override
- External lever for higher pressures and greater safety factor
- FM Approved; meets fire safe requirements of API 601 and OSHA
- Cast Steel or Stainless Steel - ANSI/ASME 150/300 Flanged 1/2" to 8" or ANSI/ASME 300/600 Threaded 1/2" to 2-1/2"

CY500/600 SERIES CYLINDER ACTUATED

- Globe style, external lever, quick acting piston valve for steam, gases, water and other liquids (including dirty, viscous, corrosive and explosive)
- Ideal for false start drain and atomizing air bypass on gas turbines
- Bronze, Carbon Steel, Stainless Steel - ANSI/ASME 150/300 Flanged 1/2" to 4" or ANSI/ASME 300 Threaded 1/4" to 2"

COMPRESSOR AIR EXTRACTION

- Butterfly valve for gas turbine compressor air bleed
- Pneumatic cylinder actuator
- All stainless steel construction eliminates corrosion related failure
- Optional pipe spacers to adapt to various turbine configurations
- Stainless Steel - Wafer Style 6" to 10"

3000 SERIES THREE WAY

- Direct operated poppet type for air, gases and liquids
- Ideal for fuel nozzle purge and piloting Air Extraction Valves on gas turbines
- Solenoid or cylinder actuator
- Solenoid actuator available fully electric, manual reset or dual redundant
- Four flow forms for wide variety of converging and diverging applications
- External lever isolates actuator from flow and provides higher torque
- Bronze - ANSI/ASME 250 Threaded 1/4" to 1"
- Carbon Steel, Stainless Steel - ANSI/ASME 300/600 Threaded/Socketweld/Flanged 1/4" to 1"

SPECIALTY SERIES ELECTRICALLY ACTUATED

- Globe style, external lever, quick acting piston valve for steam, gases, water and other liquids (including dirty, viscous, corrosive and explosive)
- Solenoid actuator is fully electric, manual reset or dual redundant
- Actuator isolated from flow for safety and high temperatures
- External lever for higher pressures, manual operation and visual position indicator
- FM Approved explosion proof model available
- Bronze - ANSI/ASME 150/300 Flanged 1/2" to 6" or ANSI/ASME 300 Threaded 1/2" to 2-1/2"; Cast Steel or Stainless Steel - ANSI/ASME 150/300 Flanged 1/2" to 6" or ANSI/ASME 300/600 Threaded 1/2" to 2-1/2"
- Hastelloy C, Alloy 20 and Monel also available

CONTROL INSTRUMENTATION

Our high quality control instrumentation will ensure successful process control. Leslie's broad range provides the best choice for your application.

PMC-1 ELECTRO-PNEUMATIC CONTROLLER

- Simple to install and calibrate
- Eliminates need for positioner, I/P and external power supply
- No air consumption at steady state
- Output range 0-100 psi permits more accurate control than typical 3-15 output

DPS-1 OPTICAL/DIGITAL ELECTRO-PNEUMATIC POSITIONER

- Position Sensing accurate to .0012"
- Repeatable to .0012"
- No air consumption at steady state
- Automatic zero recalibration

PNEUMATIC PILOT CONTROLLERS

- Simple to calibrate
- Rapid response
- Fixed or proportional band
- Constant bleed
- Constant pressure to 800 psig
- Differential pressure to 100 psig
- Vacuum to 30 inches Hg
- Liquid level to 200 inches W.C.
- Temperature to 600°F

PNEUMATIC/ELECTRO-PNEUMATIC POSITIONER

- Modular design
- Easy to Calibrate
- Non-Interacting zero and span
- Split range available

DIGITAL POSITIONER

- Available with wide range of protocols
- Simple programming and self calibrating
- Diagnostics for valve or actuator
- Intrinsically safe or explosion proof options

TYPE S TRANSFER VALVE

- Pneumatic switch eliminates problems inherent in 1/3-2/3 parallel pressure reducing stations
- Permits only one control valve to operate at a time
- Eliminates relief valve "popping" and reduces trim wear
- Easy to adjust
- Provides greater rangeability and smooth transition

AIRSET TYPE AS-1 SERIES ADJUSTABLE AIR REGULATOR

- Provides clean, accurate air to instruments, valves and other control equipment
- Delivers up to 100 psig

AIRMATE® A SERIES AIR LOADERS AND PANELS

- Provides clean, accurate air to instruments, valves, distribution systems and other control equipment
- Patented dual aspirator for high accuracy
- Filters to 5 microns
- Optional single or dual gage panel mounting
- Delivers up to 150 psig

PMC-1 Controller



DPS-1 Positioner



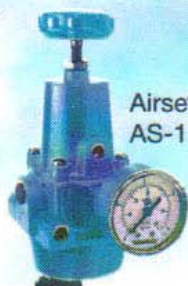
Pilot Controller



Pneumatic Controller



Airset AS-1



STEAM CONDITIONING SYSTEMS

Utilizing our wide choice of equipment and options, Leslie will engineer a desuperheater or an entire steam conditioning system to meet your needs.

AEROTEMP SERIES

- Combined pressure reduction and desuperheating for turbine bypass, turbine extraction, boiler superheater and reheater
- Mechanically atomizing variable nozzle desuperheater for moderate turndown in process steam
- Utilizes proven severe service, zero leakage AeroFlow control valve components
- Custom engineered for each application

- Available options include:
 - Angle or straight through globe style bodies
 - Pneumatic piston or Electro-hydraulic actuation
 - Diffuser assembly to create turbulence for better mixing
 - Multi stage plate assembly for greater noise attenuation
 - Spray water manifold with fixed Cv nozzles for constant load systems
 - Variable Cv nozzles provide greater water injection for higher turndown
- Cast Steel, Stainless Steel, Chrome Moly - ANSI/ASME 150 to 4500 Flanged/Buttweld

AeroTemp®



STEAM WATER HEATERS

Hospitals and institutions worldwide are replacing their outmoded storage tank hot water systems with Leslie's safe, efficient, proven Legionella fighting Constantemp® series heaters.

CONSTANTEMP® FEEDFORWARD

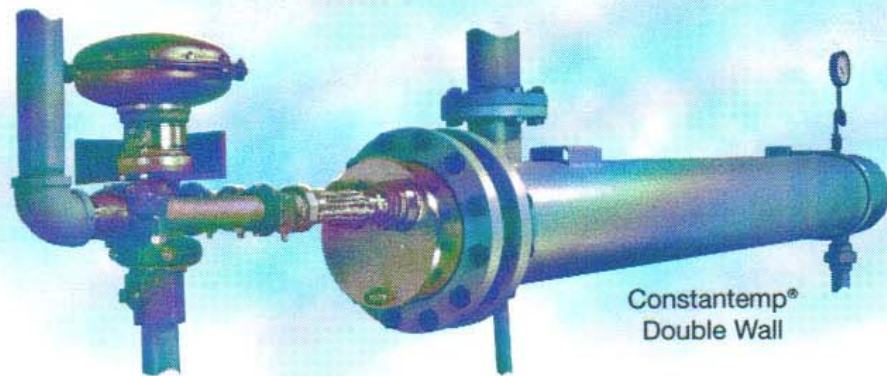
- Instant hot water, highly efficient with no storage tank
- Accurate to $\pm 3^{\circ}\text{F}$ and never fails hot
- Compact size fits through standard doorway
- Single wall helical or double wall shell & tube heat exchanger
- Recirculation Kit, Electronic Scale Controller options
- High capacity up to 120 GPM

CONSTANTEMP® SKIDDED

- Fully assembled with all traps, strainers, pressure and temperature gages - simply connect 4 lines
- Optional steam or compressed gas powered condensate pump for when electricity is impractical

CONSTANTCOIL® SHELL AND TUBE HEAT EXCHANGER

- Compact and efficient
- Helical coil in Copper, Admiralty, Cupro-nickel or Stainless Steel
- Ductile Iron or Steel shell



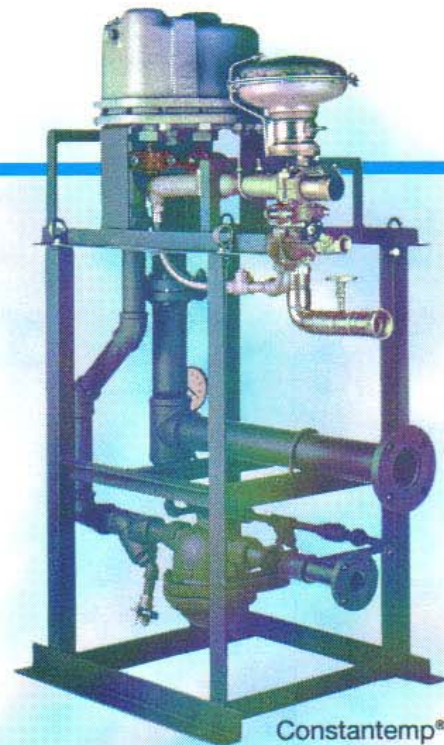
Constantemp®
Double Wall

LES SERIES PACKAGED

- Steam or high temperature hot water heating source
- ASME Code, National Board registered stainless steel tank
- $\pm 5^{\circ}\text{F}$ accuracy with industrial quality control valve
- Compact size
- High capacity up to 330 GPM

UNFIRED CLEAN STEAM GENERATOR

- Steam or high temperature hot water energy source
- ASME Code construction with "UB" stamp
- Fully factory assembled, tested and ready for installation
- High capacity up to 20,000 lbs/hr steam



Constantemp®
Skidded



Constantemp®
Single Wall

NOISE REDUCTION

Noise is often a major problem in many PRV stations. The engineers at Leslie will evaluate your needs and custom tailor the solution to your problem.

NOISE SUPPRESSOR

- Reduces noise up to 26 dBA
- Straight through design minimizes pressure drop, permitting normal valve sizing
- Effective over a broad frequency band (up to 12,000 Hz)
- Engineered for each application; reduction estimates available
- Threaded and/or flanged to 18" and larger

LES-SONIC SILENCING ORIFICE

- Reduces noise by 6 dBA to 30 dBA
- Engineered for each application; reduction estimates available
- Designed to fit between ANSI/ASME or DIN flanges



Les-Sonic
Silencing Orifice

Noise Suppressors

PRESSURE REGULATORS

Leslie's wide range of pressure regulators ensure the best fit for your application; from small flow to highly accurate regulators that perform many tasks traditionally done by control valves—without typical control valve problems.

GP SERIES REDUCING

- For steam and gases; high rangeability air loaded valve ideal for poor quality steam and/or intermittent operation
- Operates on as low as 1/2 psi pressure drop
- 95% accuracy of regulation
- 100:1 rangeability
- virtually maintenance free
- Three year warranty
- Optional resilient trim and diaphragm for bubble tight shutoff
- Cast Iron - ANSI/ASME 125/250 Flanged 1-1/2" to 4" or ANSI/ASME 250 Threaded 1/2" to 2"
- Bronze - ANSI/ASME 300 Flanged 1/2" to 4" or ANSI/ASME 300 Threaded 1/2" to 2"
- Carbon Steel - ANSI/ASME 150/300 Flanged 1" to 4", ANSI/ASME 600 Flanged 1/2" to 4" or ANSI/ASME 300/600 Threaded, Socketweld 1/2" to 2"
- Stainless Steel - ANSI/ASME 150/300 Flanged 1" to 4" or ANSI/ASME 300 Threaded, Socketweld 1/2" to 2"

GPKP REDUCING

- For steam and gases; ideal integral mount pilot operated valve when high rangeability is desired
- Operates on as low as 10 psi pressure drop
- Dual diaphragm sensing chamber for greater accuracy and stability
- 95% accuracy of regulation
- 100:1 rangeability
- Three year warranty
- Three spring pressure ranges from 5 to 150 psig
- Cast Iron - ANSI/ASME 125 Flanged 2" to 4", ANSI/ASME 250 Flanged 1-1/2" to 4" or ANSI/ASME 250 Threaded 1/2" to 2"

GPS-1EP REDUCING

- For steam and gases; pilot operated valve for higher pressures and temperatures
- 30:1 rangeability
- 95% accuracy of regulation
- Four spring pressure ranges from 3 to 150 psig
- Carbon Steel - ANSI/ASME 150/300 Flanged 1" to 4" or ANSI/ASME 300 Threaded, Socketweld 1/2" to 2"

VKP REDUCING

- For steam and gases; economical integral mount pilot operated valve
- Four spring pressure ranges from 3 to 150 psig
- Cast Iron - ANSI/ASME 125/250 Flanged 1" to 4" or ANSI/ASME 250 Threaded 1/2" to 2"

L SERIES REDUCING

- For steam and gases; fast acting internal pilot piston operated valve for extreme accuracy
- 99% accuracy of regulation
- Optional resilient trim for tight shutoff
- Eight spring pressure ranges from 1/2 to 400 psig
- Cast Iron - ANSI/ASME 125/250 Flanged 1/2" to 4" or ANSI/ASME 250 Threaded 1/2" to 2"
- Bronze - ANSI/ASME 150/300 Flanged 1/2" to 4" or ANSI/ASME 300 Threaded 1/2" to 2"
- Carbon Steel - ANSI/ASME 150/300/600 Flanged 1/2" to 4", ANSI/ASME 600 Threaded, Socketweld 1/2" to 2" or ANSI/ASME 600 Butt weld 2-1/2" to 4"

LX SERIES DIFFERENTIAL PRESSURE

- For steam and gases; fast acting internal pilot piston operated valve for extreme accuracy
- 99% accuracy of regulation
- Differential pressure range from 5 to 40 psig
- Cast Iron - ANSI/ASME 125/250 Flanged 1-1/2" to 4" or ANSI/ASME 250 Threaded 1/2" to 2"
- Bronze - ANSI/ASME 150/300 Flanged 1/2" to 4" or ANSI/ASME 300 Threaded 1/2" to 2"
- Carbon Steel - ANSI/ASME 150/300/600 Flanged 1/2" to 4", ANSI/ASME 600 Threaded, Socketweld 1/2" to 2" or ANSI/ASME 600 Butt weld 2-1/2" to 4"

UL SERIES BACK PRESSURE

- For steam and gases; fast acting, self contained piston operated valve for high accuracy
- Three spring pressure ranges from 25 to 300 psig
- Cast Iron - ANSI/ASME 125/250 Flanged 1-1/2" to 4" or ANSI/ASME 250 Threaded 1/2" to 2"
- Bronze - ANSI/ASME 150/300 Flanged 1/2" to 4" or ANSI/ASME 300 Threaded 1/2" to 2"

SMALL FLOW REDUCING

- J Series Internal Pilot Operated for steam and gases
- LC Series Direct Operated for steam, gases and liquids
- Airmate® Type AFG Direct Operated for air
- AW Series Direct Operated for air, gases, water and light oil



Airmate®
Type AF



LC Series



GP Series



L Series



VKP

TEMPERATURE REGULATORS

Temperature regulators from Leslie have been engineered to provide reliable performance in a wide range of applications.

GT SERIES EVENTEMP®

- For steam and liquids; high gain integral mount pilot operated valve ideal for heating and cooling storage applications
- Fifteen liquid filled thermo-elements for ranges from 70 to 400°F
- Cast Iron - ANSI/ASME 125 Flanged 2-1/2" to 4", ANSI/ASME 250 Flanged 1-1/2" to 4" or ANSI/ASME 250 Threaded 1/2" to 2"
- Bronze - ANSI/ASME 300 Flanged 1-1/2" to 2" or ANSI/ASME 300 Threaded 1/2" to 2"
- Carbon Steel - ANSI/ASME 150 Flanged 1/2" to 2-1/2" or ANSI/ASME 300 Threaded 1/2" to 2"

LT SERIES DUOMATIC® TEMPERATURE/PRESSURE

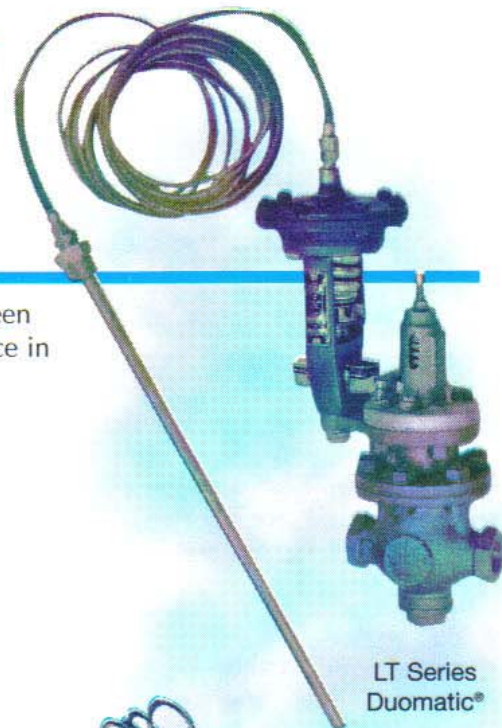
- For steam and gases; fast, accurate pilot operated valve ideal for pressure and temperature control on instantaneous heaters
- Eighteen vapor filled thermo-elements for ranges from 20 to 350°F
- Outlet pressure limit adjustable from 2 to 250 psig
- Cast Iron - ANSI/ASME 125/250 Flanged 1-1/2" to 3" or ANSI/ASME 250 Threaded 1/2" to 2"
- Bronze - ANSI/ASME 150/300 Flanged 1/2" to 3" or ANSI/ASME 300 Threaded 1/2" to 2"
- Carbon Steel - ANSI/ASME 150/300/600 Flanged 1/2" to 3" or ANSI/ASME 600 Threaded, Socketweld 1/2" to 2"

M SERIES

- For steam and liquids; low flow direct operated regulator ideal for heating and cooling storage applications
- Fifteen liquid filled thermo-elements for ranges from 70 to 400°F
- Cast Iron - ANSI/ASME 250 Threaded 3/4" to 1"
- Bronze - ANSI/ASME 300 Threaded 1/2" to 1"



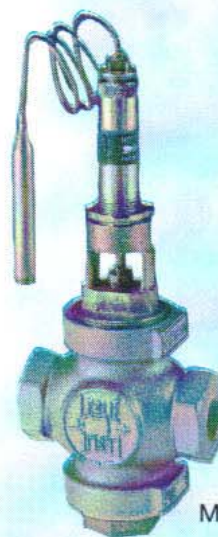
GPKP



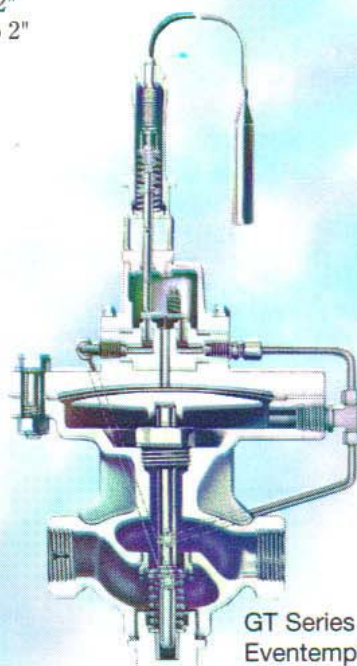
LT Series Duomatic®



LX Series



M Series



GT Series Eventemp®

STRAINERS

Leslie offers both cast strainers and custom fabricated strainers in a wide variety of materials, sizes and end connections. Whatever your needs, Leslie has the strainer to meet them.

Y TYPE

- Low pressure drop, streamlined design
- Large strainer screens
- Compact end to end dimension
- Cast Iron, Ductile Iron, Bronze, Carbon Steel, Chrome Moly, Stainless Steel
- Pressures to 3705 psi; Temperatures to 800°F
- Flat Face, Raised Face, RTJ Flanged, Butt weld, Threaded, Socket weld, Sweat 1/4" to 16"

BASKET

- Filtration down to 40 microns
- Large strainer baskets
- Compact and high capacity units available
- Cast Iron, Bronze, Carbon Steel, Stainless Steel
- Pressures to 740 psi; Temperatures to 800°F
- Flat Face, Raised Face, Butt weld, Threaded, Socket weld 1/2" to 20"

FABRICATED

- Standard line of Temporary, Tee, Y, Basket and Duplex Strainers
- Custom engineered strainers
- Automated self cleaning strainers/systems
- Carbon Steel, Chrome Moly, Stainless Steel, Monel, Alloy 20, Hastelloy, Titanium
- Pressures to 3600 psi; Temperatures to 800°F
- Flat Face, Raised Face, RTJ Flanged, Butt weld, Threaded, Socket weld 1/4" to 48" and larger



Basket



Y Type



Duplex

BUTTERFLY VALVES

Our high quality butterfly valves are available with a large selection of actuators and other accessories to suit your application.

125 BUTTERFLY VALVES

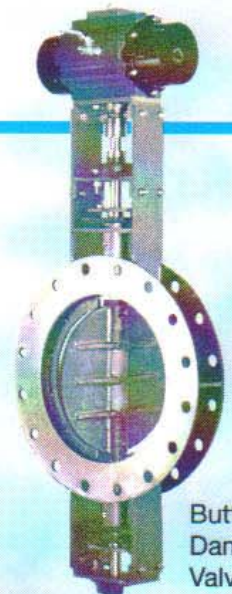
- Wafer or lug body style fits between FF or RF flanges
- Blowout proof one piece shaft and pinned disc provide positive disc-to-seat location and maximum strength
- Non-collapsible phenolic back seat and 360° polished disc assures positive shutoff
- Four bushing ensure maximum shaft support and centralized alignment
- Universal ISO 5211 mounting pad
- Cast or ductile iron body; plated ductile iron, aluminum bronze or 316 stainless steel disc with resilient seat

BUTTERFLY VALVE ACCESSORIES

- Pneumatic Actuators
- Electric Actuators
- Solenoids
- Limit Switches
- Positioners
- Shaft Extensions
- 2-way and 3-way Tee Linkages
- Chain Wheels

BUTTERFLY DAMPER VALVES

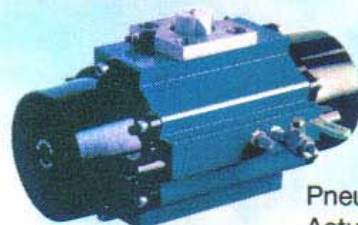
- Fits between FF or RF flanges
- Bushing or bearing shaft support provides centralized alignment
- Suitable for bi-directional flow and full vacuum service
- ANSI/ASME Class I shutoff standard; up to ANSI/ASME Class IV shutoff optional
- Universal ISO 5211 mounting pad available
- Steel or stainless steel body and disc with resilient or metal seat



Butterfly Damper Valve



125 Butterfly Valve



Pneumatic Actuator

ADDITIONAL PRODUCTS

AIR HORNS

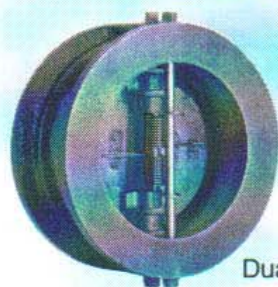
- High output with low air consumption
- Aluminum bell and housing
- Cushioned diaphragm for long life
- Single, two, three or five chime models

SAFETY & RELIEF VALVES

- ASME Code rated valves for steam, air and gas and liquid service
- Pressure ranges to 900 psi; temperatures from -423°F up to 422°F
- Inlet sizes 1/2" to 6"

STEAM TRAPS

- Full range of mechanical, thermodynamic and thermostatic technologies including Universal Mount, Float & Thermostatic, Free Float
- Widest selection of body materials, sizes and styles including straight or angled, fail open or fail closed
- Comprehensive selection of options including steam lock release, greater subcooling, clean steam, internal and/or external strainer and blowdown valve
- Pressures to 650 psi; temperatures to 750°F



Dual Disk
Check Valve



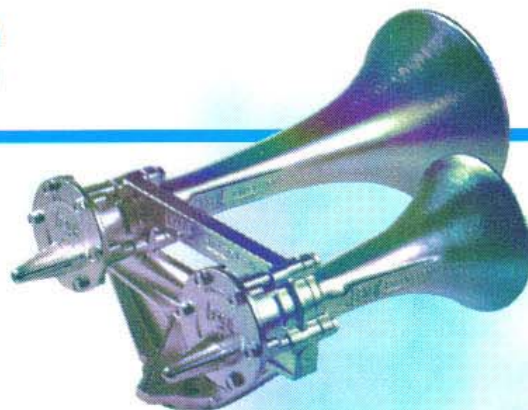
Steam
Separator

STEAM SEPARATOR

- Extracts nearly all moisture and solids above 10 microns
- All steel construction with no moving parts
- Capacities to 35,000 lbs./hr steam
- Threaded 1/2" to 2"; ANSI/ASME 150/300/600; Flanged 2" to 6"

CHECK VALVES

- Wafer body style fits between FF or RF flanges
- Independent springs optimize valve plate closing rates while minimizing spring stress
- Cast iron, steel or stainless steel body with resilient or metal seats
- Pressures to 1480 psi; Temperatures to 800°F



Two Chime
Air Horn



Safety
Relief
Valve



Mechanical
Steam Trap

ADDITIONAL SERVICES

QUICK DELIVERY PROGRAM

- Standard QD Products in stock for same day shipment
- Custom modified QD Products ship within a few days
- Products available via QD Program include:
 - K-Max Rotary Control Valves
 - GTW Three Way Control Valves
 - DLO & DBOY Series Linear Control Valves
 - Laurence Electric Actuated On/Off Valves
 - GP & L Series Pressure Reducing Valves
 - Air Loaders and Panels
 - M & GT Series Temperature Regulators
 - Constantemp Steam Water Heaters
 - PMC Electro-pneumatic Controller
 - PR, LA, RT & BP Series Pilot Controllers

FABRICATION, SERVICE & REPAIR

Custom Fabrication

- Steam Fired Hot Water Systems
- Condensate Recovery Systems
- Modularized PRV Stations
- PRV Control Panel Boards

Preventive Maintenance Programs

- Minimize downtime and maximize efficiency
- Steam System Audits
- Steam Trap Surveys
- Training Programs

Service, Repair and Installation

- Field Service
- Sea Trials
- Factory Remanufacturing



WE'RE HISTORY



1884 A patented valve regulates steam in a rotary snowplow designed and built by Leslie that rescues trains otherwise stranded in snow drifts and blizzards in the isolated winter terrain of the northern United States and Canada, where rail is commonly the only reliable mode of transportation. So durable, several of these original 1800 era snowplows with Leslie valves are still in use over 100 years later.

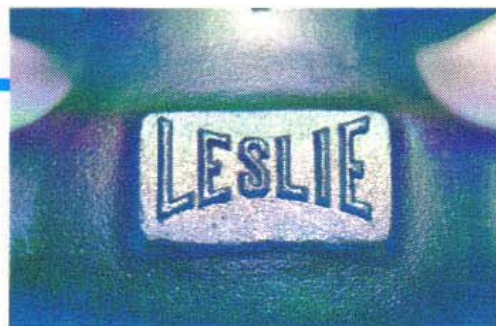
1960 A jet plane is launched from the deck of a U.S. aircraft carrier thanks to a revolutionary steam catapult powered by an immense, new Leslie valve. Essential to achieving flight speed for the substantially heavier jet aircraft, the steam catapults prove so reliable they are installed on every carrier built by the United States Navy. So reliable through both war and peace, Leslie valves still power the catapults on every U.S. aircraft carrier afloat today.



1971 A nuclear power plant goes online thanks to the reliable and precise control of steam, essential to safe operation. With advanced, custom designs and manufacturing processes more exacting than ever in history, a new generation of Leslie controls is created to help make a new source of energy possible. So dependable, Leslie valves and regulators remain a standard in nuclear power plants operating safely around the world, around the clock.

WE'RE MAKING HISTORY

2010 No one can predict the needs of the emerging industries of tomorrow. One thing which can be foretold is that Leslie Controls will be at the heart of vital systems in literally every endeavor. Leslie Controls. Where original thinking has produced over a century of engineered solutions relied upon by the industrialized world. Leslie Controls. Where original thinking will create the valves, controls and solutions essential to success in the next century.



LESLIE
CONTROLS, INC.

A division of CIRCOR International, Inc.

12501 Telecom Drive, Tampa, FL 33637-0906
(813) 978-1000 • Fax: (813) 978-0984

www.lesliecontrols.com