



Leslie Regulators and Controllers

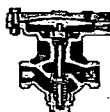
316 GRANT AVE., LYNDHURST, NEW JERSEY

Leslie offers a complete line of regulators, reducing valves and controllers. All units are built to provide the utmost in long-life, reliability and interchangeability. Designs



Leak Pressure Reducing Valves
Automatically maintain a constant reduced pressure of steam, air, gas or liquids. Single seated, tight closing. Respond instantly to load changes. Renewable, interchangeable parts. Stellite seating surfaces. Complete overhaul permitted without removing body from pipe line. Made in bronze, cast iron, cast steel or cast alloy steels. Sizes 1/2" to 6". Other units available for constant differential pressure, unloading and for remote adjustment. Inlet pressures to 1500 psi steam at 950°F. Reduced pressures range from 2 to 600 psi.

SEND FOR BULLETIN 5302-B



Leslie Low Reduced Pressure Steam Reducing Valves

New simplicity in pressure reducing valve design for steam heating and processes. High accuracy of regulation and years of maintenance-free performance. Only 2 moving parts. Full capacity bodies . . . no dirt catching parts . . . ideal for poor steam conditions. Choice of air loaded valve or the spring loaded Leslie-Topp with mechanical pilot entirely out of the path of steam. Inlet pressures up to 300 psi, 550°F. Reduced pressures available in 10 psi increments. Reduced valve or ranges from 2 to 35 psi. Inlet and outlet sizes: Cast iron: screwed, 125 or 250 lb. AS A Flanged. Bronze: screwed, 150 or 300 lb. Flanged. $\frac{1}{4}$ " to 4" for air loaded and $\frac{1}{2}$ " to 2" in Leslie-Toppers.

SEND FOR BULLETINS 561-B AND 582.



Leak Temperature Regulators
Designed for a wide range of applications. Vary the flow of steam, hot water or cooling water to heater or process to automatically maintain constant temperature. Rugged 50°F. or 100°F. adjustable range thermostatic element. For small and large flows, direct operated, direct and reverse acting or with "Duomatic," two-element (pressure and temperature) control. For driers, fuel oil heaters, instantaneous and storage heaters, kettles, open tanks, ovens, process heaters, degreasing machines, steam tables, sterilizers, storage heaters, urns, etc. **SEND FOR BULLETIN 5307**



Leslie Pump Pressure Regulators
Maintain predetermined constant or differential pump discharge pressures. Accurate control to compensate for frequent or sudden load changes. Assure freedom from hunting, cycling and over-regulating.

Available for either reciprocating or turbine driven pumps in a wide choice of body materials; inlet pressures 40-1500 psi and pump discharge pressure ranges 5-25 psi to 100-2000 psi.

See why most industrial, marine and naval engineers place their confidence in Leslie—the world's most complete line of pump pressure regulators.

SEND FOR BULLETIN 5306

incorporate the most advanced techniques and are based on Leslie's 60 years of experience in supplying regulation and control equipment.

To locate your nearest Leslie factory-trained engineer, look in the Yellow Pages under "Valves" or "Regulators." Leslie engineers are part of a world-wide organization with headquarters in or close by these principal cities:

[illegible]

Leslie Diaphragm Control Valves
Control flow of steam, liquid, air or gas. Tight shut-off. Operated automatically by air, water or oil pressure supplied from a Control Pilot or from other pneumatic controllers or instrumentation. Available in unbalanced or fully balanced types, single and double seated, 1/2-16" in cast bronze, cast iron, cast steel, aluminum, stainless steel and alloy steels. Primary service ratings to 2500 psi, 1000°F. SEND FOR BULLETIN 5304



Leslie Floatless Level Control
Provides accurate control of liquid level (plus or minus 1" water column). Eliminates problems caused by troublesome linkages, torque tubes, floats and stuffing boxes. Simple design provides steady, positive, precise control even under difficult conditions. Consists of Level Control Pilot and suitable diaphragm control valve. Available with either fixed or adjustable proportioned bands. **SEND FOR BULLETIN 583**



Leslie Control Pilots
Simple mechanical controllers employing constant supply of clean air, gas, water, or light oil at 20-22 psi to produce a variable output or loading pressure of 0-20 psi in response to a level, pressure or temperature change, applied to operate a diaphragm control valve or power cylinder actuated valve. **SEND FOR BULLETIN S303**



Laalle Self-Cleaning Strainers
Recommended to protect all equipment in pipe line from dirt and foreign matter. Cast iron, bronze, cast steel, carbon moly, chrome-moly, stainless and forged steels. Strainers with screwed, flanged, socket and butt welded connections; sizes $\frac{1}{8}$ " to 10" inclusive. Ratings to 2500 lb. ASA. Screens furnished in Monel and stainless steel with various perforations and meshes for steam, liquid, gas (including liquified gases), air and oil services. **SEND FOR BULLETIN 3308-A**

MAXITROL COMPANY

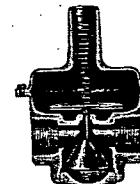
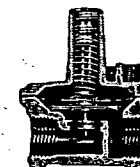
12200 Beech Road, Detroit 39, Michigan

GAS APPLIANCE PRESSURE REGULATORS

High capacity, Straight-Thru-Flow type regulators for low pressure service on residential heating appliances, commercial and industrial gas-fired equipment.

Rubber seat poppet type regulators for precise low-flow control—even the smallest pilot flame. For residential appliances.

MODEL	NOMINAL SIZE (INCHES)			OUTLET PRESSURE ADJUST. INCHES w.e.	PRESSURE DROP CAPACITY @ 1.1" w.e. Pressure Drop				REGULATION CAPACITY Btu/hr - 600 Btu/cu ft. 0.1 sp. gas @ 1"	
	INLET	WYE	OUTLET		cu ft/hr @ 0.5 sp. gas	Btu/hr/cu ft @ 0.5 sp. gas	Btu/hr/cu ft @ 0.5 sp. gas	Btu/hr/cu ft @ 0.5 sp. gas	(MAXIMUM)	(MINIMUM)
RV-10"	1/2	1/2	1/2	2.5	81	11,000	7,450	17,000	10,000	1,700
	1/2	1/2	1/2	2.5	81	60,000	40,500	100,000	10,000	10,000
	1/2	1/2	1/2	2.5	81	60,000	40,500	100,000	10,000	10,000
	1/2	1/2	1/2	2.5	88	65,000	44,000	100,000	10,000	10,000
RV-30A"	3/4	3/4	3/4	3.4	81	60,000	40,500	100,000	10,000	10,000
	3/4	3/4	3/4	3.4	81	60,000	40,500	100,000	10,000	10,000
	3/4	3/4	3/4	3.4	88	65,000	44,000	100,000	10,000	10,000
RV-30A"	3/4	3/4	3/4	3.4	81	60,000	40,500	100,000	10,000	10,000
	3/4	3/4	3/4	3.4	81	60,000	40,500	100,000	10,000	10,000
	3/4	3/4	3/4	3.4	88	65,000	44,000	100,000	10,000	10,000
RV-31"	1/2	1/2	1/2	2.5	126	93,000	61,000	152,000	15,000	15,000
	1/2	1/2	1/2	2.5	126	93,000	61,000	152,000	15,000	15,000
	1/2	1/2	1/2	2.5	135	100,000	67,500	174,000	17,000	17,000
RV-41A"	1/2	1/2	1/2	3.5-5.5	126	93,000	61,000	152,000	15,000	15,000
	1/2	1/2	1/2	3.5-5.5	135	100,000	67,500	174,000	17,000	17,000
RV-42	1/2	1/2	1/2	2.5	170	126,000	85,000	196,000	19,000	19,000
	1/2	1/2	1/2	2.5	270	200,000	135,000	310,000	31,000	31,000
	1/2	1/2	1/2	2.5	270	200,000	135,000	310,000	31,000	31,000
RV-51	1	1	1	2.5	450	333,000	225,000	517,000	51,700	51,700
	1	1	1	2.5	450	340,000	230,000	527,000	52,700	52,700
	1	1	1	2.5	675	500,200	338,000	771,000	77,100	77,100
RV-60	1	1	1	2.5	705	521,700	352,500	810,000	81,000	81,000
	1 1/4	1 1/4	1 1/4	2.5	1250	925,000	625,000	1,430,000	143,000	143,000
	1 1/4	1 1/4	1 1/4	2.5	1260	932,400	630,000	1,450,000	145,000	145,000
RV-81	2	2	2	2.5	2030	1,502,200	1,015,000	2,330,000	233,000	233,000
	2	2	2	2.5	2030	1,502,200	1,015,000	2,330,000	233,000	233,000
	2 1/2	2 1/2	2 1/2	2.5	4200	3,158,000	2,100,000	4,850,000	485,000	485,000
RV-110	2 1/2	2 1/2	2 1/2	2.5	4300	3,158,000	2,100,000	4,850,000	485,000	485,000



* A.G.A. certified for main burner and pilot load applications

Pressure Setting:

Standard outlet settings are 35" w.c. for all models except the following:

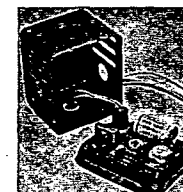
RV-10.....	3.0 in. w.c.
RV-41 $\frac{3}{4}$, RV-41A.....	4.0 in. w.c.
RV-110.....	4.0 in. w.c.

Upon request, any regulator will be adjusted to any other pressure within range of standard spring at no extra charge.



ELECTRONIC MODULATION FOR FORCED AIR GAS FURNACES

Only practical means of providing instantaneous modulation of gas flame to match heat loads in the home. Remote control Selectrastat (lower left) sets and senses living area temperature. All-electronic amplifier located adjacent to furnace receives signal from Selectrastat.



Amplifier (left) powers combination modulator-regulator valve (right) which replaces conventional regulator on furnace manifold. Provides infinite proportioning from full fire to 1/3 fire; responds in one second to changes as small 1/10 degree. No hysteresis—eliminates temperature droop and drift.

