

MAXITROL

C O M P A N Y
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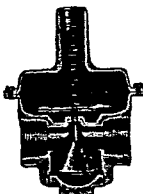
GAS APPLIANCE PRESSURE REGULATORS

Pipe Size	City Gas 250" W	City Gas 275" W	LP Gas 250" W	LP Gas 275" W
Full Adjustment, In-line Pipe Connections				
1	RV10	RV10-3	RV10-2	RV10-4
2, 4, 5, 8	RV30	RV30-3	RV30-2	RV30-4
4, 5, 6, 7	RV43	RV43-3	RV43-2	RV43-4
Limited Adjustment, In-line Pipe Connections				
1	RV10A	RV10A-3	RV10A-2	RV10A-4
2, 4, 5, 8	RV30A	RV30A-3	RV30A-2	RV30A-4
4, 5, 6, 7	RV43A	RV43A-3	RV43A-2	RV43A-4
Limited Adjustment, In-line Pipe Connections, Outlet Pressure Tap				
2, 4, 5, 8	RV31	RV31-3	RV31-2	RV31-4
4, 5, 6, 7	RV44	RV44-3	RV44-2	RV44-4
Limited Adjustment, In-line Pipe Connections, Outlet Pressure Tap, Convert Lp-Nat. Gas				
2, 4, 5, 8	RV31C	RV31C-3		
4, 5, 6, 7	RV44C	RV44C-3		
Full Adjustment, Bottom Inlet Pipe Connections				
2, 4, 5	RV30-1	RV30-5	RV30-4	RV30-7
4, 5, 6, 7	RV43-1	RV43-5	RV43-4	RV43-7
Limited Adjustment, Bottom Inlet Pipe Connections				
2, 4, 5	RV30A-1	RV30A-5	RV30A-4	RV30A-7
4, 5, 6, 7	RV43A-1	RV43A-5	RV43A-4	RV43A-7
Limited Adjustment, Bottom Inlet Pipe Connections, Outlet Pressure Tap				
2, 4, 5	RV31-1	RV31-5	RV31-4	RV31-7
4, 5, 6, 7	RV44-1	RV44-5	RV44-4	RV44-7
Limited Adjustment, Bottom Inlet Pipe Connections, Outlet Pressure Tap, Convert Lp-Nat. Gas				
2, 4, 5	RV31C-1	RV31C-5		
4, 5, 6, 7	RV44C-1	RV44C-5		

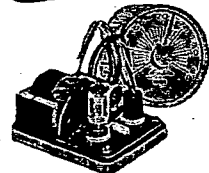
* A.G.A. Certification pending as of 1/1/62.

STRAIGHT-THRU FLOW regulators (listed right)—high capacity design for efficient, low pressure service. A.G.A. Certified for main burner load applications on heating appliances, commercial and industrial gas fired heating and processing equipment.

Inlet pressures—maximum, one psi for normal domestic applications. Consult factory for higher limits.



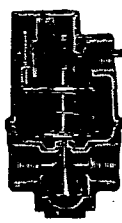
Selectra



ELECTRONIC MODULATION for forced air gas furnaces

Only practical means of providing instantaneous modulation of gas flame to match heat loss in the home. Remote control Selectrastat (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 1/2 fire; responds in one second to changes as



small as 1/2 degree. No hysteresis—eliminates temperature droop and drift.

Selectra systems are available for application to domestic forced air gas furnaces, industrial and commercial heaters, and make-up air systems of the single or multiple heater type.

Various control sequences are possible through circuitry changes. Please write to factory, giving details of your application. Technical bulletins available on various systems.

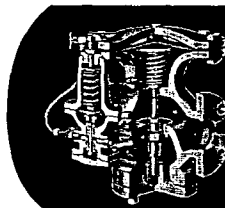
RUBBER SEAT POPPET TYPE REGULATORS (listed left) for precise low-flow control. Used on pilot lines, gas lights, vented wall furnaces, through-wall heaters, unit heaters, room heaters, central furnaces, small boilers, incinerators and other residential appliances. All models A.G.A. Certified for Main Burner and Pilot Load applications, or for Main Burner Load applications.



PIPE SIZES AVAILABLE

- 1/2" x 3/4"
 - 3/4" x 1"
 - 1" x 1 1/4"
 - 1 1/4" x 1 1/2"
 - 1 1/2" x 1 3/4"
 - 1 3/4" x 2"
 - 2" x 2 1/2"
 - 2 1/2" x 3"
- Outlet Pressure Adjustment Range: Full adjustment models, 2"-5" w.c.; limited adjustment models, 3.3"-4.3" w.c.
Maximum Inlet pressure—one psi
Certified for Multi-Point Mounting

Model	Size	Outlet Pres. Adj. In. W.C.	PRESSURE DROP CAPACITY at 0.2" w.c. Pressure drop Btu/hr-1,000 Btu/hr ft. 0.64 sq ft Gas	REGULATION CAPACITY Btu/hr-1,000 Btu/hr. ft. MAIN BURNER LOADS ONLY	
				Maximum	Minimum
RV42	3/4"	3/4"	3-5	165,000	558,750
RV42	1"	1"	3-5	252,000	806,100
RV42	1 1/4"	1 1/4"	3-5	252,000	806,100
RV42	1 1/2"	1 1/2"	3-5	252,000	806,100
RV43	3/4"	3/4"	3-5	445,400	687,750
RV43	1"	1"	3-5	450,500	707,400
RV43	1 1/4"	1 1/4"	3-5	653,000	1,015,350
RV43	1 1/2"	1 1/2"	3-5	653,400	1,061,100
RV48	1 1/4"	1 1/4"	2-5	1,344,500	1,985,000
RV48	1 1/2"	1 1/2"	2-5	1,344,500	1,985,000
RV48	1 3/4"	1 3/4"	2-5	2,096,000	3,275,000
RV48	2"	2"	2-5	2,096,000	3,275,000
RV110	2 1/4"	2 1/4"	2-5	4,071,811	6,353,500
RV110	2 1/2"	2 1/2"	2-5	4,750,080	7,401,500
RV120	4"	4"	2-5	8,200,000	12,100,000

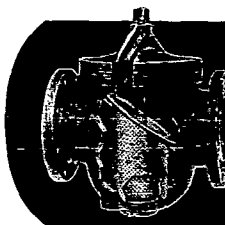


PRESSURE REGULATORS

Choose from six basic designs. Accurate regulation of pressures to 250 psi at 450°F., or 600 psi at 850°F., with capacities to 160,000 lbs./hr. Built for long service in sizes 1/2" to 4" screwed, and 1" to 16" flanged. Semi-steel, cast steel or bronze construction with single or double seated design. ASK FOR BULLETINS 119, 175, 177.

TEMPERATURE REGULATORS

For maintaining desired hot or cold water temperatures. Spring loaded... direct or reverse action. Highly sensitive, responds to slightest temperature fluctuations. Bronze, semi-steel or cast steel construction... flanged or screwed connections... sizes 1/2" to 4". Wide choice of standard temperature ranges from 75°-115°F. to 220°-250°F. Also available, simple and rugged quick-acting bulb assemblies. ASK FOR BULLETIN 111.

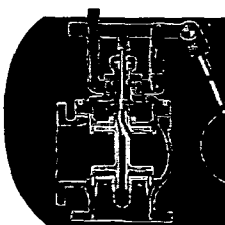


STRAINERS

General purpose Y-type, easily cleaned basket or heavy-duty block steel angle strainers guard expensive equipment in all types of service. Sizes: 1/2" to 16". Screwed, flanged or socket weld connections. Bronze, semi-steel, ductile iron, cast steel or stainless steel construction. ASK FOR BULLETIN 128-A, 171.

BLOCK STEEL VALVES

Designed specifically for heavy-duty applications, including continuous boiler blowdown. For service to 1500 psi at 800°F. Choice of inside or outside screw design in carbon steel or chrome moly steel. Sizes: 1/2" to 2" with wide selection of seat sizes assuring maximum tightness. Valve is easily installed, cleaned and inspected. ASK FOR BULLETIN 169.



FLOAT VALVES

Delicate balance maintains accurate control of hot or cold liquids. Ideal for regulating water flow. Choose from several designs, including popular pilot operated-piston actuated type. Valves are available with globe (straight-thru) or angle body, single or double seats, screwed or flanged ends. Sizes: 1/2" to 12". Bronze or semi-steel. ASK FOR BULLETIN 127.

your best buy in
pressure,
temperature,
flow controls
... McAlear!

More than 40 years of experience stand behind every McAlear control mechanism. All are engineered for quick installation, simple operation, easy maintenance and long, long service.

Specify McAlear—an established manufacturer with new ideas — for top quality products at reasonable cost.

For full details and name of your local agent, contact

McALEAR MANUFACTURING CO.
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Chicago 8, Illinois