Damper Regulators



ATLAS

TRADE MARK REG

What Is Your Boiler Pressure?

25 psi. or less? No. 501 automatically regulates drafts of vapor or low pressure steam heating boilers. Can be adjusted to operate at any steam pressure up to 25 pounds.

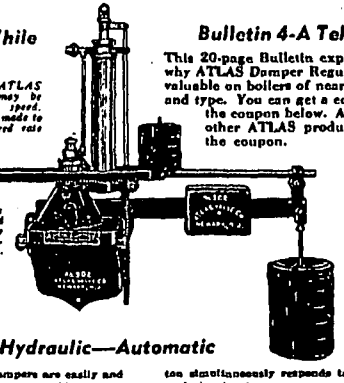
Up to 150 psi? No. 502 is the regulator pictured below. For boiler pressures up to 150 pounds. Will move damper on boiler pressure changes of ½ pound.

400 or less? No. 503 has a Cast Iron Base construction for boiler pressures up to 250 pounds. Cast Steel Base construction for boiler pressures up to 400 pounds. Moves damper on ½ pound boiler pressure variations.

Two Worth While Features

1. *On forced draft boilers ATLAS Damper Regulators may be arranged to control fan speed. From the fan they may be made to regulate indirectly the feed rate of the stokers.*

2. *Proper and automatic adjustment of drafts and dampers keeps CO₂ where it should be. CO is avoided. Fuel is saved and flue gas temperatures are kept down where they belong for maximum operating efficiency.*



Bulletin 4-A Tells All

This 20-page Bulletin explains in full why ATLAS Damper Regulators are so valuable on boilers of nearly every size and type. You can get a copy by using the coupon below. Also, note the other ATLAS products listed in the coupon.

Sensitive—Hydraulic—Automatic

The heaviest doors or dampers are easily and quickly moved by these remarkable regulators. Ample power is always available. Water pressure is made to act automatically on a piston that is connected to the draft doors or dampers by chain. The control piston simultaneously responds to the slightest variation in steam pressure so that uniform pressure is maintained through closest adjustment of dampers. Also there is a resulting steady rate of combustion. These Damper Regulators are easy to install.

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Represented in Principal Cities

ATLAS VALVE CO., 289 South St., Newark 5, N. J.

☐ Please send Bulletin No. 4-A on ATLAS Damper Regulators. Also, please send information on the following ATLAS Products.

☐ CAMPBELL Boiler Feed Regulator
☐ Temperature Regulators
☐ Reducing Valves
☐ Exhaust Control System
☐ Pressure Regulators
☐ Pump Governors
☐ Float Valves
☐ Humidity Controllers
☐ Thermostats
☐ Balanced Valves
☐ Control Valves
☐ Oil Control Cocks

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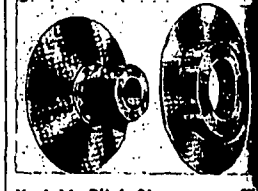
resets in preparation for next fault. [illegible] 12 Type *OA-2* galvanometers, the *RS-9* records twelve quantities at once. These [illegible] be neutral current, phase current and [illegible] ages, and power. A specially-designed [illegible] cision optical system assures fine-line [illegible] and accurate records.

The *RS-9* can be furnished without [illegible] ing relays and equipment for automatic operation when it is required for [illegible] or staged operation. It is designed for [illegible] as a portable instrument or for permanent switchboard installations. Hathaway [illegible] strument Co, 1315 South Clarkson St, Denver 10, Colo.

Hand Ointment

TRIPLE-ACTION anesthetic control of itching from industrial rashes is the claim extended for *Dermesthetic Ointment*—Cutter by [illegible] makers. It combines benzyl alcohol, phenol and benzocaine. Benzyl alcohol acts immediately but is short-lived; phenol works at moderate speed and slow acting benzocaine provides long relief. Cutter Laboratories, Fourth and Parker St, Berkeley 10, Calif.



Variable-Pitch Sheaves

FRACTIONAL-HORSEPOWER variable-pitch belt sheaves have 20 threads per inch to provide finer speed adjustment than obtained with the customary 16 threads per inch. Using No. 2 fractional-horsepower V-belts, pitch diameter of 1.9 to 4.4 in. can be obtained in four ranges. Using No. [illegible] fractional-horsepower belts, pitch diameters of 2.4 to 4.7 in. are also available in four ranges. All sizes of sheaves can be had in three standard bores, ½, ⅝ and ¾ in. The ⅝-in. bore sheave has set screw only, but the other two bores have keyway and set screws. Dodge Mfg Co, Mishawaka, Ind.

Speed Controller

ELECTRONIC SPEED CONTROL is a package unit for industrial applications of variable-speed power transmissions. When connected to variable-speed transmission it gives true speed setting automatically despite load changes. It consists of master controller calibrated in speed, the controller and a speed-measuring generator. When operator sets master controller to desired speed, the controller energizes pilot motor in correct direction for adjusting speed changer until output speed corresponds to master-controller setting. If speed varies because of load change or other cause, controller detects the error and corrects speed adjustments. It is also

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December 27, 1947

Mr. Benjamin F. Shaw II, President
Benjamin F. Shaw Company
2nd & Lombard Streets
Wilmington 99, Delaware

Respected friend:

My calender tells me that twelve months have gone their way into the past since I wrote you last December 27th.

In this rapidly changing world, business conditions become more confusing each day for all of us, and it is with deep gratitude that we again acknowledge the efforts made by your good firm, and staff as well, to keep us supplied throughout the trying year just ending.

Our contacts with your organization have always been friendly and pleasant and we look forward to the continuance of these same relations for many, many years to come.

With all good wishes to you and your associates, we are

Respectfully your friends,
JOSEPH BANCROFT & SONS CO.
W. R. MacIntyre,
President

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