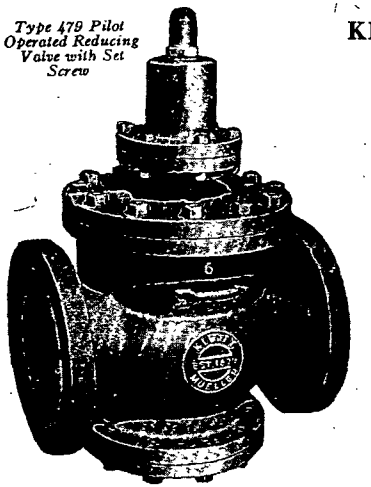


Type 479 Pilot Operated Reducing Valve with Set Screw

KIELEY & MUELLER, Inc.

WEIGHT-LOADED VALVES for close regulation of inlet pressures to 250 lb; reduced pressures from 40-lb to medium vacuum.

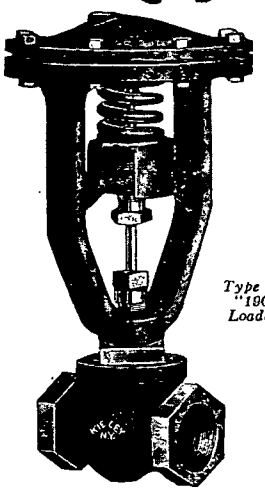
TYPE 400, semi-balanced, ½ to 3 in., screwed ends; 1 to 12 in., flanged ends.

TYPE 401, single-seated, ½ to 2 in., screwed ends; 2 to 8 in., flanged ends.

TYPE 402, expanded outlet. 1 x 2 in. to 1¼ x 2 in., screwed inlet and outlet; 1¼ x 2½ in. to 2 x 4 in., screwed inlet and flanged outlet; 2 x 4 in. to 12 x 16 in., flanged inlet and outlet.

WEIGHT-LOADED SPECIAL "98"—Widely used regulating and reducing valve. Close regulation with utmost simplicity. Initial pressures to 125 lb; reduced pressures 0 to 25 lb. Single or double-seated; screwed and flanged ends; ½ to 12 in.

PILOT-OPERATED HAND WHEEL TYPE 481 (self-contained) and 481A (with control line) for extremely close regulation. Initial pressures to 250 lb; reduced pressures 10 lb to 80 per cent of inlet pressure. Special diaphragm for reduced pressures down to 2 lb; ½ to 2 in.



Type 450 Special "1900" Spring Loaded Reducing Valve

PILOT-OPERATED SET SCREW TYPE 479 (internal pilot-operated) and 479X (Outside operated) for precision regulation in steam service to 600 lb and reduced pressures of 2 lb to 80 per cent of inlet pressure. Shuts off tight for dead end service. 2 to 12 in. with flanged connections.

TYPE 476 for constant reduced water pressure regardless of inlet fluctuations. Pressures to 250 lb; reduced pressures 10 lb to 80 per cent of inlet. Higher pressures on inquiry.

AUXILIARY-OPERATED TYPE—Regulation within 1 per cent of initial pressure, regardless of variation. Steam, water, air, oil or gas service. Reduced pressures 0 to 90 per cent. Finned bonnet for extreme temperatures.

TYPE 492 (pressure to close) and 492 R (pressure to open) in ½ to 12 in.

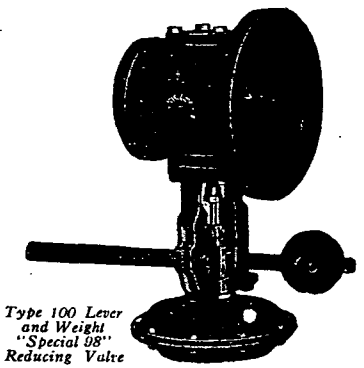
TYPE 493—Single seated, ½ to 8 in.

DIAPHRAGM MOTOR VALVES for air-operated instruments or auxiliary pilot units controlling steam, liquids, gases, air—pressures to 900 lb; and temperatures to 850 F.

TYPE 484 (pressure to close) and 484R (pressure to open) in ¼ to 12 in.

TYPE 485, single-seated for tight shut-off. Pressure to open or close. ½ to 10 in.

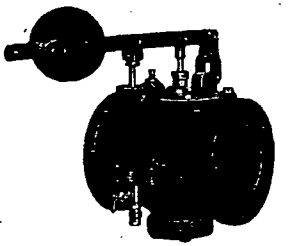
TYPE 488 (semi-balanced) and 489 (single-seated) with cooling-fins for extreme temperatures.



Type 100 Lever and Weight "Special 98" Reducing Valve

KIELEY & MUELLER, Inc.—NORTH BERGEN, N. J.

BACK PRESSURE AND RELIEF VALVES

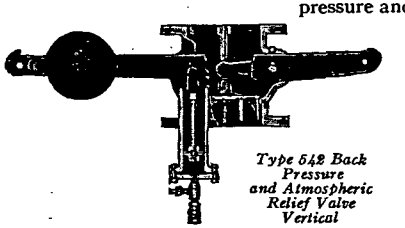


Type 520 Back Pressure Valve, Horizontal

BACK PRESSURE HORIZONTAL TYPE for non-condensing systems. Sensitive, noiseless. Lever and spring-loaded models, single or double seat. Easily adjustable.

Type	Size, In.	Set Pressure Range, Lb	Type	Size, In.	Set Pressure Range, Lb
520	2 to 6	0 to 15	534	2 to 6	2 to 30
	8 to 12	0 to 10		8 to 12	2 to 15
	12 to 24	0 to 7		14 to 20	2 to 10
524	6 to 12	0 to 20	536	6 to 12	2 to 30
	14 to 18	0 to 15		14 to 18	2 to 15

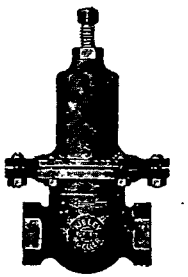
BACK PRESSURE AND ATMOSPHERIC RELIEF VALVES for any service requiring constant back pressure and positive shut-off.



Type 548 Back Pressure and Atmospheric Relief Valve Vertical

TYPE 526 (single-seated; horizontal) and 542 (single-seated; vertical) are lever-operated; for pressures to 15 lb, sizes 2 to 12 in.; pressures to 7 lb, 14 to 24 in. Higher pressures on application.

TYPE 538 (single-seated, horizontal) and 554 (single-seated; vertical) are spring-loaded; 2 to 6 in. for pressures 2 to 30 lb; 8 to 12 in. for pressures 2 to 15 lb; 14 to 24 in. for pressures 2 to 10 lb.



Type 590 Diaphragm Relief Valve, with Set Screw

DIAPHRAGM RELIEF VALVES—Extremely compact and dependable for relieving pressures of 5 lb to 100 lb with wide range of applications in steam, gas, air, water, oil, etc. Sizes ⅜ to 2 in. Globe or angle patterns; set screw, hand wheel or test lever.

STEAM TRAPS

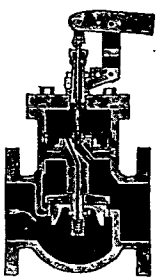
INVERTED BUCKET TYPE 720, discharges intermittantly. Will not air bind. Pressures 5 to 250 lb. Large capacity. Sizes ½ to 2 in.

TYPE 716, similar but smaller in size. Low cost. 5 to 100 lb.

OPEN BUCKET STEAM TRAPS for pressures from 1 to 250 lb. Sizes ½ to 3 in.

BALL FLOAT TYPES for continuous discharge to handle large quantities of condensate. ½ to 3 in.

TYPE 724—1 to 30 lb. **TYPE 726**—30 to 125 lb. **TYPE 727**—1 to 10 lb.



Type 834 Globe Float Valve for Cold Water

FLOAT AND BALANCED VALVES

BALANCED VALVES TYPE 813, single seated for dead end service on pressures to 250 lb. Screwed ends from ½ to 2 in. and flanged ends from 2 to 6 in.

TYPES 850 (rotary stem) and 860 (sliding stem) double seated. Operates by cable, float, thermostat, etc. ½ to 4 in. with screwed ends; 1 to 10 in. with flanged ends.

FLOAT VALVES FOR HOT WATER TYPES 844 (globe) and 846 (angle). Service to 150 lb and 350 F. ½ to 2 in. with screwed ends. Corrosion-resistant types also available.

FOR COLD WATER TYPES 834 (globe) and 838 (angle). To 250 lb. Extremely sensitive. Free from pounding or pulsating. 2 to 6 in. with screwed ends. 2 to 12 in. with flanged ends.