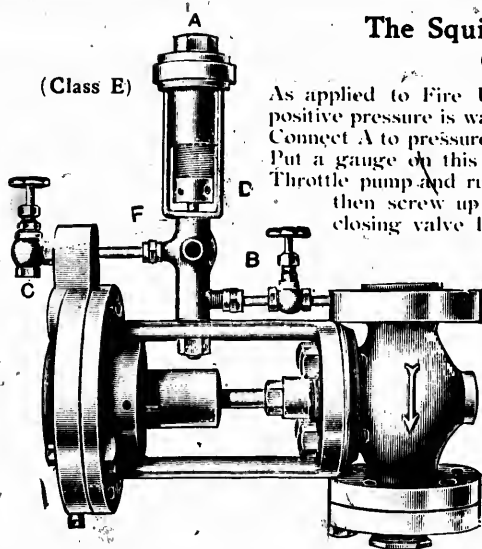


(Class E)



The Squires (Pilot Valve) Pressure Controller OR REDUCING VALVE

As applied to Fire Underwriters' Elevator and Boiler Feed Pumps. When positive pressure is wanted, install on vertical pipe with arrow pointing to pump. Connect A to pressure end of pump or line where regulated pressure is wanted. Put a gauge on this line to note pressure, open valve B and close valve C. Throttle pump and run slow until governor goes into action, open throttle wide then screw up Pilot Valve at D until pressure wanted is attained. By closing valve B and opening C main valve is by-passed and wide open. Pipe small opening on Pilot Valve Exhaust to Pan or Pit of Pump.

As applied to reduce steam or air pressure ranging from 300 lb. to 50 lb.

Connect reduced pressure side of valve as pointed by arrow to opening A with gauge on line to note pressure. Screw up at D until desired pressure is attained.

Size in inches	-	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4
Price each	-	\$35	\$42	\$55	\$68	\$85	\$100	\$115
Face to face of flanges	-	7 $\frac{1}{4}$ "	7 $\frac{1}{4}$ "	8 $\frac{1}{4}$ "	9 $\frac{1}{4}$ "	10 $\frac{1}{4}$ "	11 $\frac{1}{2}$ "	12 $\frac{1}{2}$ "

Made up to 12" sizes on application.

In starting, unscrew at F, remove Pilot Valve and open B to blow out all dirt and sediment.