



PRESENTS

4000LB

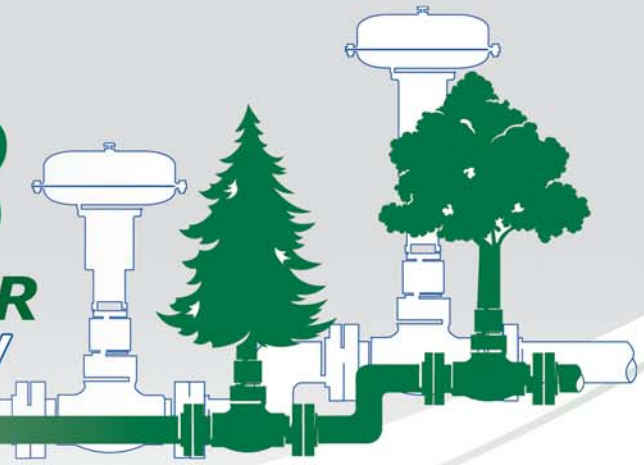
PRESSURE CONTROLLER
PERFORMANCE REVIEW



4000LB

PRESSURE CONTROLLER

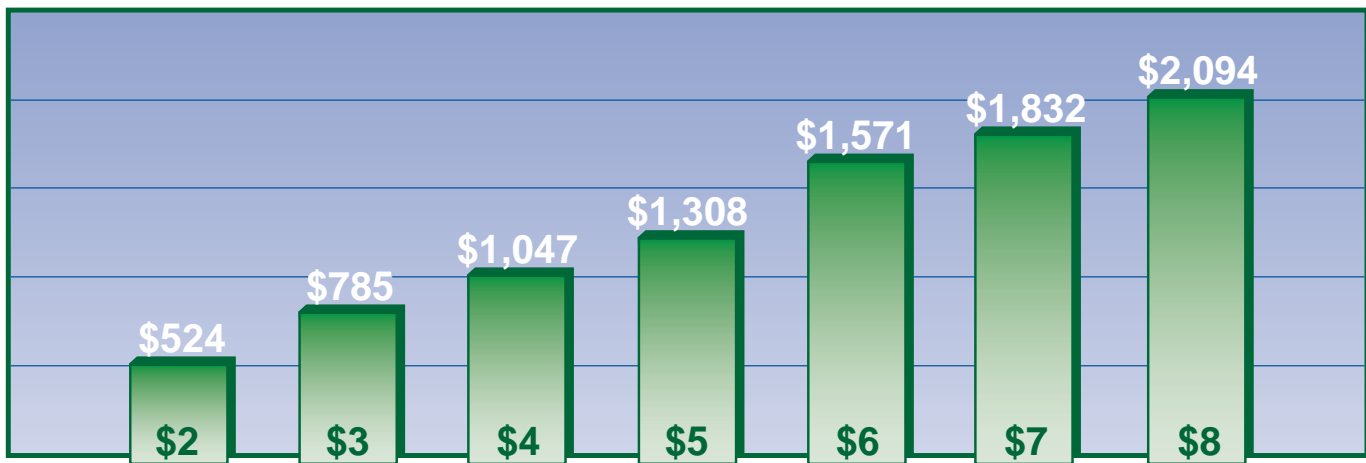
PERFORMANCE REVIEW



The 4000LB Pressure Controllers will pay for themselves after 1 year of use.

The Dyna-Flo 4000 Low Bleed controller (Patent Pending) is specially designed to reduce supply air/gas consumption. Significant reductions in the steady state bleed rates reduce emissions on fuel gas supply applications as well as instrument air consumption on plant applications. The result is a lower operating cost and less environmental impact.

ANNUAL SAVINGS USING A DYNA-FLO 4000LB



PRICE OF NATURAL GAS \$ / GIGAJOULE (GJ) [1 GJ = 932 scf]

CALCULATED SAVINGS AND GAS CONSUMPTION AT \$5 / GIGAJOULE (GJ) OF NATURAL GAS

CONTROLLER MODEL	AVERAGE CONSUMPTION (scfh)		TOTAL COST PER YEAR (NATURAL GAS)
	AIR	NATURAL GAS	
TRADITIONAL CONTROLLER 4000	25	32	\$1,464
LOW BLEED CONTROLLER 4000LB	2.6	3.4	\$156
SAVINGS PER YEAR			\$1,308

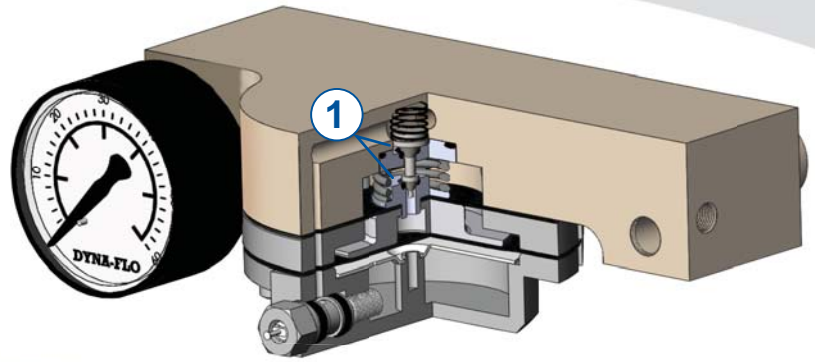
NATURAL GAS REDUCTION PER YEAR

250,536 ft³

FEATURES

1

Soft seated relay guarantees zero leakage during steady state.



2

Die cast aluminum case and cover.

3

Standard powder coated casing, stainless steel external fasteners and stainless steel tubing.

4

Stainless steel parts are available for sour instrument gas applications.

5

Bourdon tubes are available in 316 SST as standard, and an optional K-Monel for NACE.

Available in two modes: proportional (P) only, proportional plus reset (PI).

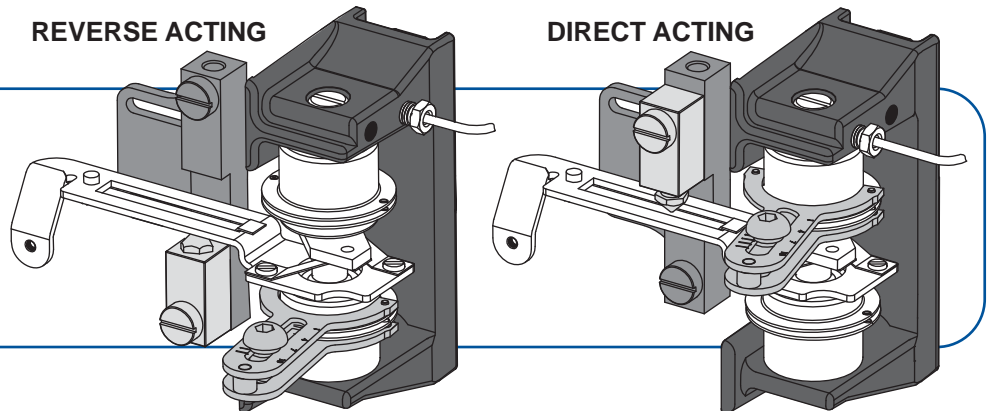
6

Control action is field reversible between direct acting and reverse acting without additional parts. (Patent Pending)



REVERSE ACTING

DIRECT ACTING





ENVIRO LINES

Standard Product	Low Bleed Product	Consumption Rates (scfh) Standard vs Low Bleed				Total Cost Per Year (Natural Gas at \$5/GJ) Standard vs Low Bleed		Natural Gas Savings Per Year	Natural Gas Reduction (ft ³)
		Air		Natural Gas		Standard	Low Bleed		
546 I/P Transducer	Bel-Gas T2000 I/P Transducer 	30	4	39	5.2	\$1,785	\$238	\$1,547	296,088
Competitor Airset Regulator	Bel-Gas P50 Airset Regulator 	0.5	0.10	0.6	0.13	\$28	\$6	\$22	4,117
DVC6000 Valve Positioner	Siemens PS2 Valve Positioner 	14	0.12	18	0.16	\$824	\$7	\$817	156,278
3582 Valve Positioner & 546 I/P Transducer	Siemens 760 Positioner & I/P Transducer 	48	45	62	59	\$2,837	\$2,700	\$137	26,280

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