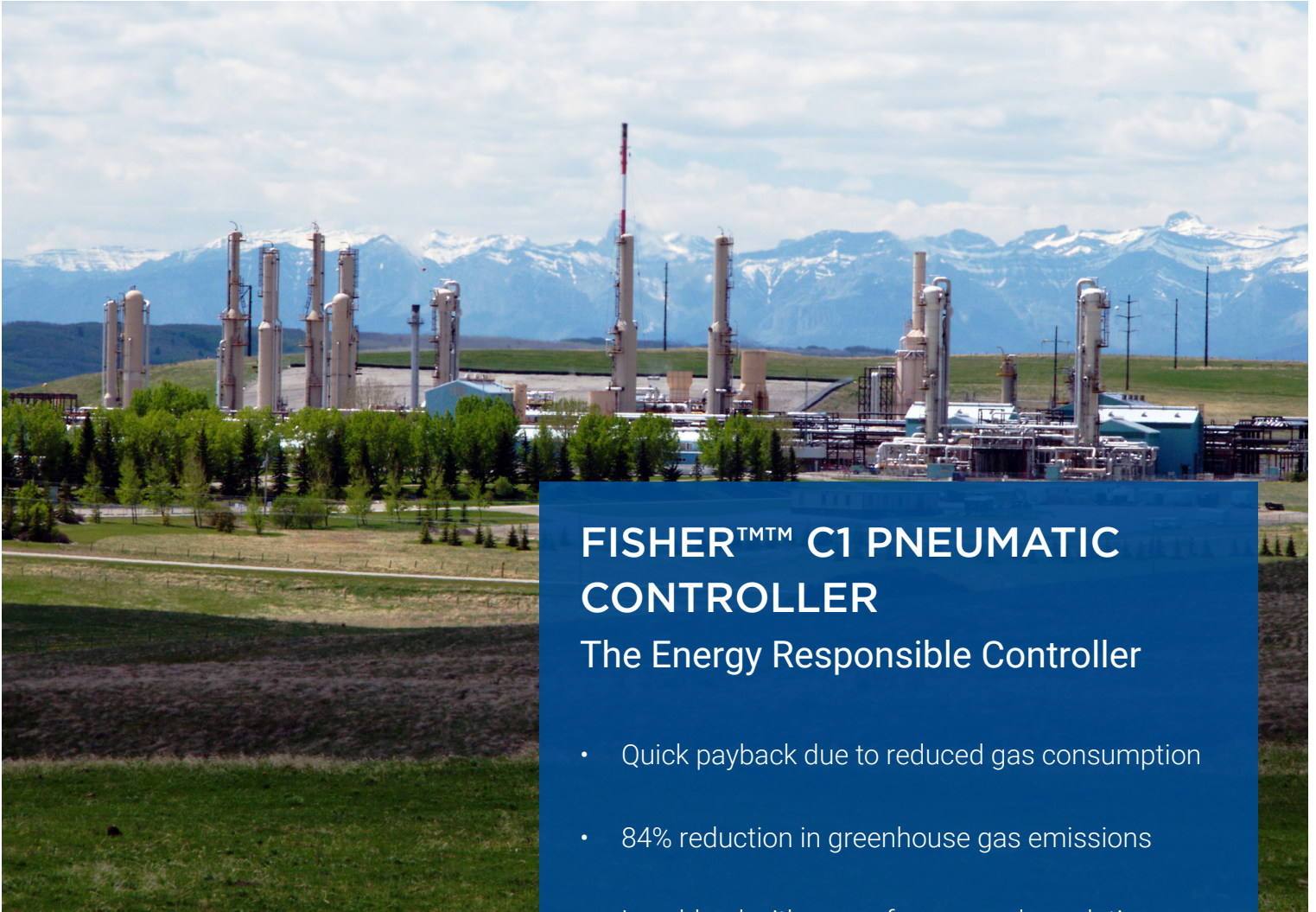




Emerson Impact Partner



Automation | Valves | Measurement | Process Control



FISHER™™ C1 PNEUMATIC CONTROLLER

The Energy Responsible Controller

- Quick payback due to reduced gas consumption
- 84% reduction in greenhouse gas emissions
- Low bleed with no performance degradation



www.spartancontrols.com



ENVIRONMENTAL SOLUTIONS & ENERGY REDUCTION

Mounting Versatility
Install the C1 on a panel, wall, or pipestand, as well as directly on the control valve actuator. Direct replacement of 4150. No re-tubing or additional pieces required.

High Output Capability
An integral pneumatic relay provides the high capacity necessary to drive valve actuators and other final control elements.

Reduced Maintenance Costs
Spring-out wire for easy, in-service cleaning of the relay orifice.

Accurate, Easy Adjustments
Make pressure set point changes with the dial-knob control, which helps to assure positive settings.

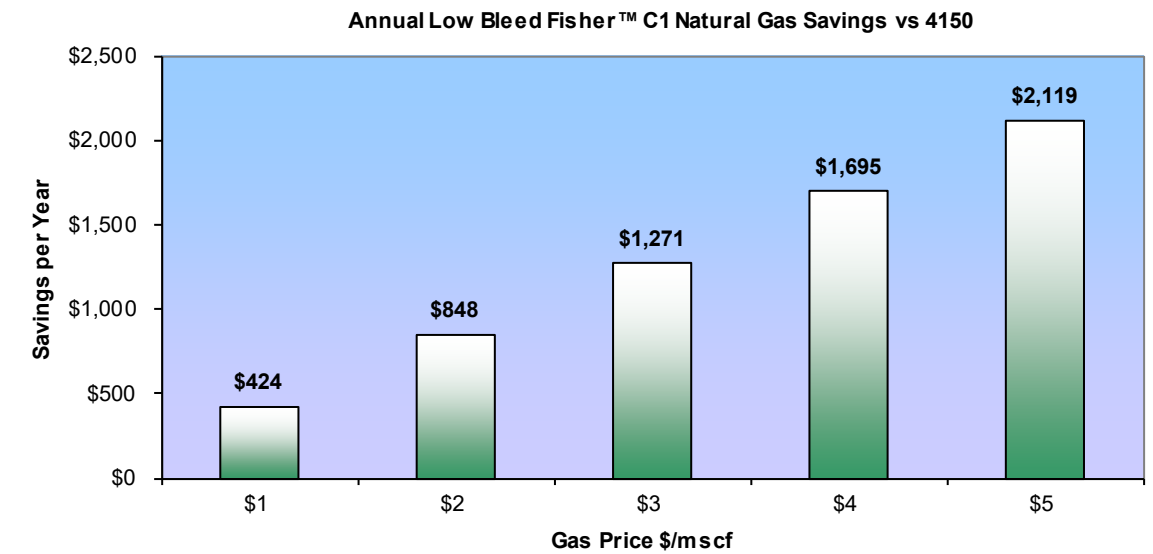
Easy Tuning Control
Grooved design on knob and indicator scale make proportional band adjustments precise and easy.

Rugged and Reliable
Simple design paired with stainless steel bellows, tubing, and relay trim improve durability and reduce maintenance requirements.

Field Reversible Switch
Switch from direct action to reverse or vice versa using instructions on the inside cover.

No Performance Degradation
Retrofits are not required.

Lever
Four fingers fit on the lever for easy opening of the pressurized device.



Traditional Equipment	Low Bleed Replacement	Comments	CURRENT EQUIPMENT VS LOW BLEED				\$ SAVINGS		NATURAL GAS REDUCTION	CO2e (MT) REDUCTION	POTENTIAL CO2 OFFSET	
			Air Consumption (scfh)	Equivalent Natural Gas Consumption (scfh)	Total Cost Per Year (Natural Gas)	Equivalent Natural Gas Per Year	Equivalent Natural Gas Per Year (ft³)	GHG Emissions CO2e (MT) Per Year	Emission Credit Trading Per Year @ \$20/MT			
Fisher™ 4150K Pressure Controller	Fisher™ C1 Pressure Controller	Average consumption	42	4.5	54.2	5.8	\$949	\$102	\$848	423,765	163	\$3,255
Fisher™ 546 I/P Transducer	Fisher™ I2P-100 (2 nd Gen) I/P Transducer	30 psi output	30	3.1	38.7	4.0	\$678	\$70	\$608	303,981	117	\$2,335
Fisher™ DVC6000 / DVC6200 Valve Positioner	Fisher™ DVC6000 / DVC6200 Valve Positioner with Low Bleed Relay	30psi output	23	3.3	29.3	4.3	\$514	\$75	\$440	219,793	84	\$1,688
Fisher™ 3582 Valve Positioner & 546 I/P Transducer	Fisher™ DVC6200 Valve Positioner with Low Bleed Relay		28	3.3	36.4	4.3	\$637	\$75	\$563	281,380	108	\$2,162
Fisher™ 4660 Pressure Pilot		Already low bleed	2.5	2.5	3.2	3.2	\$57	\$57	-	-	-	-
Fisher™ 2900 Level Controller	Fisher™ L2sj Level Controller	Static Bleed Rate Alone	23	0.3	29.7	0.4	\$520	\$7	\$513	256,519	99	\$1,971
Fisher™ L2(snap) Level Controller	Fisher™ L2(snap) Improved Level Controller with Low Vent Relay	Static Bleed Rate Alone	12.6	2.7	16.2	3.5	\$285	\$62	\$223	111,368	43	\$856
Competitor Airset Regulator	Fisher™ 67CFR Regulator	Bleed rate of internal relief valve	0.5	0	0.6	0.0	\$11	\$0	\$11	5,650	2	\$43

*Calculated using \$2.00 CAD/1,000 ft³ natural gas

Energy Use Down

The Fisher™ C1 Pneumatic Controller is an energy responsible choice for oil and gas operations. It dramatically decreases the amount of pressurized air or natural gas lost to the atmosphere with its low consumption.

Containment of natural gas means less methane impact on the environment. A green label and green Bourdon tube symbolize the C1 pneumatic pressure controller's energy, economic and environmental benefits.

Profits Up

Lost air or gas means lost revenue. By identifying and replacing a high-consumption pressure controller with the Fisher™ C1, profits are increased from additional gas sales.

Compared to traditional style pressure controllers, the Fisher™ C1, with no bleed contribution proportional band adjustment, can provide savings of \$848 per year (calculated using \$2/1,000 ft³ natural gas) and in Alberta, \$3,255 in CO₂ offsets.

Decrease energy consumption and increase profits: Specify a Fisher™ C1 Pneumatic Pressure Controller

FISHER™™ LOW BLEED PRODUCTS



C1 Pneumatic Controller



i2P-100 Transducer



FIELDVUE™ DVC6200 Digital Valve Controller



Improved L2(snap) Level Controller



67CFR Regulator



4660 High-Low Pressure Pilot



Learn more by contacting your Spartan representative today!