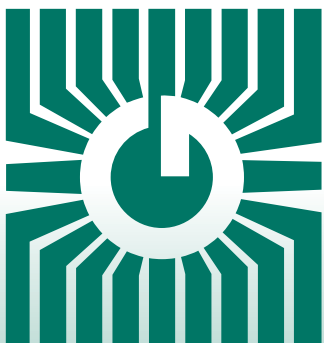
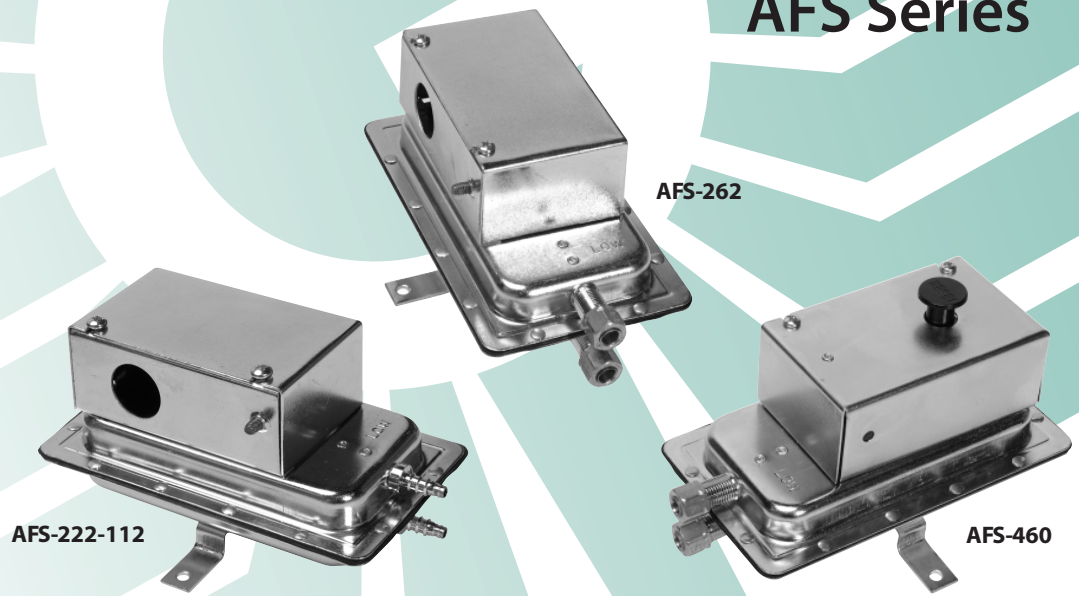


GREYSTONE

ENERGY SYSTEMS INC



PRESSURE SWITCH AFS Series



Precision pressure control/sensing

FEATURES:

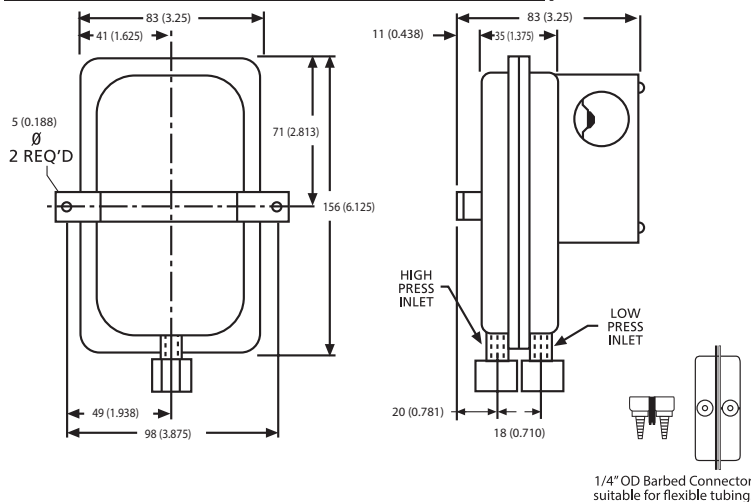
- The plated housing contains a diaphragm, a calibration spring and a snap-acting SPDT switch.
- The sample connections located on each side of the diaphragm accept 6.35mm (0.25") OD tubing via the integral compression ferrule and nut or barbed fitting.
- An enclosure cover guards against accidental contact with the live switch terminal screws and the set point adjusting screw. The enclosure cover will accept a 12.7mm (0.5") conduit connection.
- Optional pressure ranges and manual resets available.

***Peace of mind
through reliable
pressure monitoring***

GREYSTONE HAS AN ISO 9001 REGISTERED QUALITY SYSTEM

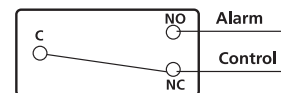
| MODEL | AFS-222/AFS-222-112 | AFS-262/AFS-262-112 | AFS-460/AFS460-112 |
|--------------------------------|--|--|---|
| SAMPLE MEDIA | Air | AIR | AIR |
| MOUNTING POSITION | Diaphragm in any vertical plane | Diaphragm in any vertical plane | Diaphragm in any vertical plane |
| SET POINT RANGE: | 0.05 ± 0.02" w.c. to 12.0" w.c. | 0.05 ± 0.02" W.C. TO 2.0" W.C. | 0.40 ± 0.06" W.C. TO 12.0" W.C. |
| FIELD ADJUSTABLE OPERATE RANGE | 0.07" w.c. to 12.0" w.c. | 0.07" W.C. TO 2.0" W.C. | 0.46" W.C. TO 12.0" W.C. |
| FIELD ADJUSTABLE RELEASE RANGE | 0.04" w.c. to 11.2" w.c. | 0.04" W.C. TO 1.9" W.C. | |
| SWITCH DIFFERENTIAL | Progressive, increasing from approx. 0.02± 0.01" w.c. at min. set point, to approx. 0.8" w.c. at max. set point | Progressive, increasing from 0.02± 0.01" w.c. at min. set point to approx. 0.1" w.c. at max. set point | Progressive, increasing from approx. 0.06± 0.01" w.c. at min. set point, to approx. 0.8" w.c. at max. set point |
| MAXIMUM PRESSURE | 0.5psi (0.03 bar) | 0.5PSI (0.03 BAR) | 0.5PSI (0.03 BAR) |
| OPERATING TEMP RANGE | -40°C - 82°C (-40°F - 180°F) | -40°C - 82°C (-40°F - 180°F) | -40°C - 82°C (-40°F - 180°F) |
| LIFE | 100,000 cycles at 0.5psi max pressure each cycle and at max electrical load | 100,000 cycles at 0.5psi max pressure each cycle and at max electrical load | 6000 cycles at 0.5psi max pressure each cycle and at max. electrical load |
| ELECTRICAL RATING | 300 va pilot duty at 115 - 277 VAC, 10 amp, non- inductive, 277 VAC, 60Hz | 300 va pilot duty at 115 - 277 VAC, 10 amp, non- inductive, 277 VAC, 60Hz | 300 va pilot duty at 115 -277 VAC, 10 amp, non-inductive, 277 VAC, 60Hz |
| CONTACT ARRANGEMENT | SPDT | SPDT | SPST-NC |
| ELECTRICAL CONNECTIONS | Screw top terminals with cup washers | Screw top terminals with cup washers | Screw top terminals with cup washers |
| SAMPLE LINE CONNECTIONS | Ferrule and nut compression type connectors that accept 6.35mm (0.25") OD rigid tubing or 1/4" OD barbed connections (-112) that accept flexible tubing. | Ferrule and nut compression type connectors that accept 6.35mm (0.25") OD rigid tubing or 1/4" OD barbed connections (-112) that accept flexible tubing. | Ferrule and nut compression type connectors that accept 6.35mm (0.25") OD rigid tubing |
| AUTOMATIC/MANUAL RESET | Automatic | Automatic | Manual |
| APPROVALS | UL, FM, CSA (AFS-222, AFS-262) UL, CSA, CE (AFS-460) | | |

Dimensions in millimeters and (inches)

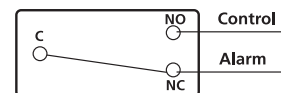


Alarm or Control

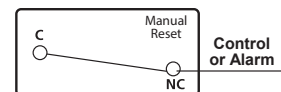
To prove excessive airflow or pressure



To prove insufficient airflow or pressure



To prove insufficient airflow or pressure. (AFS-460)



GREYSTONE
ENERGY SYSTEMS INC

Greystone Energy Systems Inc.
150 English Drive, Moncton,
New Brunswick, Canada E1E 4G7
(506) 853-3057 Fax: (506) 853-6014
North America: 1-800-561-5611
e-mail: mail@greystoneenergy.com
www.greystoneenergy.com

RoHS
COMPLIANT



Greystone Energy Systems Inc. is one of North America's largest ISO registered manufacturers of HVAC/R sensors and transmitters for Building Automation Management Systems.

We have conscientiously established a worldwide reputation as an industry leader by maintaining leading-edge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9001 certified, assuring our customers of consistent product reliability.

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