



# Certificate of Compliance

This certificate is issued for the following:

## Gas Safety Shutoff Valves

**Series FD9, Series 88, Models SC-9C, SC-9S, SC-8C, SC-8S, SC-90 Series D9**  
(see attached configuration table)

**Prepared for:**

A-T Controls Inc.  
11363 Deerfield Rd.  
Cincinnati, Ohio 45242

**Manufactured by:**

A-T Controls Inc.  
9955 International Blvd.  
Cincinnati, Ohio 45246

FM Approvals Class: 7400

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To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink that reads 'D. B. Fuller'.

David B. Fuller  
VP, Manager of Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062 USA

September 20, 2018  
Date



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## Gas Safety Shutoff Valves, Automatic Opening, Electric and Pressure Opening and Holding

### Series FD9 Direct Mount Split Body Flanged Ball Valve

Model # - SS- (1)(2)(3)-(4)-(5)(6)(7) Safety Shutoff Valve

1	Valve Series	9C - Carbon Steel body 9S - Stainless Steel body			
2	Ends	T - NPT Connection S - Socket Weld B - Butt Weld F - 150# Flanged 3- 300# Flanged			
3	Seat Material	X - Reinforced TFE T - TFM 1600			
4	Valve Size	025 - 1/4"	038 - 3/8"	050 - 1/2"	075 - 3/4"
		100 - 1"	125 - 1 1/4"	150 - 1 1/2"	200 - 2"
		250 - 2 1/2"	300 - 3"	400 - 4"	600 - 6"
5	Actuator - Pneumatic-Fail Closed	6 - 60 PSIG air supply available 8 - 80 PSIG air supply available			
6	Solenoid	A - EF8321G1 120VAC Brass Solenoid B - EF8321G1 24VDC Brass Solenoid C - EV8316G81V 120VAC SS Solenoid D - EV8316G81V 24VDC SS Solenoid			
7	Limit Switch	A - EX10A2SBKN, 2-SPDT Mechanical, 5A@125 VAC E - EX10E2SBKN, 2-DPDT Mechanical, 5A@125 VAC D - EX11D2SBKN, 2-SPDT Proximity, 1A@125 VAC T- EX1TA2SBKN, 2-SPDT Mechanical, 5A@125 VAC, 4-20mA position transmitter			



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## Series 88 High Performance Full Port 3-Piece Ball Valve

Model # - SS- (1)(2)(3)-(4)-(5)(6)(7) *Safety Shutoff Valve*

1	Valve Series	8C - Carbon Steel body 8S - Stainless Steel body			
2	Ends	T - NPT Connection S - Socket Weld B - Butt Weld F - 150# Flanged 3 - 300# Flanged			
3	Seat Material	X - Reinforced TFE			
4	Valve Size	025 - 1/4"	038 - 3/8"	050 - 1/2"	075 - 3/4"
		100 - 1"	125 - 1 1/4"	150 - 1 1/2"	200 - 2"
		250 - 2 1/2"	300 - 3"	400 - 4"	600 - 6"
5	Actuator - Pneumatic-Fail Closed	6 - 60 PSIG air supply available 8 - 80 PSIG air supply available			
6	Solenoid	A - EF8321G1 120VAC Brass Solenoid B - EF8321G1 24VDC Brass Solenoid C - EV8316G81V 120VAC SS Solenoid D - EV8316G81V 24VDC SS Solenoid			
7	Limit Switch	A - EX10A2SBKN, 2-SPDT Mechanical, 5A@125 VAC E - EX10E2SBKN, 2-DPDT Mechanical, 5A@125 VAC D - EX11D2SBKN, 2-SPDT Proximity, 1A@125 VAC T - EX1TA2SBKN, 2-SPDT Mechanical, 5A@125VAC, 4-20mA position transmitter			



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## Safety Cocks and Safety Control Systems, Electric Interlock, for Gas or Oil

### Model # - SC- (1)(2)(3)-(4)-(5) Safety Cock

1	Valve Series	9C - Carbon Steel body 9S - Stainless Steel body			
2	Ends	T - NPT Connection S - Socket Weld B - Butt Weld F - 150# Flanged 3- 300# Flanged			
3	Seat Material	X - Reinforced TFE T - TFM 1600			
4	Valve Size	025 - 1/4"	038 - 3/8"	050 - 1/2"	075 - 3/4"
		100 - 1"	125 - 1 1/4"	150 - 1 1/2"	200 - 2"
		250 - 2 1/2"	300 - 3"	400 - 4"	600 - 6"
5	Limit Switch	A - EX10A2SBKN, 2-SPDT Mechanical, 5A@125 VAC E - EX10E2SBKN, 2-DPDT Mechanical, 5A@125 VAC D - EX11D2SBKN, 2-SPDT Proximity, 1A@125 VAC T - EX11TA2SBKN, 2-SPDT Mechanical, 5A@125 VAC 4-20mA position transmitter			



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## Model # - SC- (1)(2)(3)-(4)-(5) Safety Cock

1	Valve Series	8C - Carbon Steel body 8S - Stainless Steel body			
2	Ends	T - NPT Connection S - Socket Weld B - Butt Weld F - 150# Flanged 3 - 300# Flanged			
3	Seat Material	X - Reinforced TFE T - TFM 1600			
4	Valve Size	025 - 1/4"	038 - 3/8"	050 - 1/2"	075 - 3/4"
		100 - 1"	125 - 1 1/4"	150 - 1 1/2"	200 - 2"
		250 - 2 1/2"	300 - 3"	400 - 4"	600 - 6"
5	Limit Switch	A - EX10A2SBKN, 2-SPDT Mechanical, 5A@125 VAC E - EX10E2SBKN, 2-DPDT Mechanical, 5A@125 VAC D - EX11D2SBKN, 2-SPDT Proximity, 1A@125 VAC T - EX11TA2SBKN, 2-SPDT Mechanical, 5A@125VAC, 4-20mA position transmitter			

## Oxygen Vent Valves

### Model No. SC-90

1	Valve Series	90 - Stainless Steel body			
2	Ends	F - 150# Flanged 3- 300# Flanged			
3	Seat Material	X - Reinforced TFE			
4	Valve Size	050 - 1/2"	075 - 3/4"		
		100 - 1"	125 - 1 1/4"	150 - 1 1/2"	200 - 2"
		250 - 2 1/2"	300 - 3"	400 - 4"	600 - 6"
5	Limit Switch	A - EX10A2SBKN, 2-SPDT Mechanical, 5A @ 125 VAC			



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## Series D9 Direct Mount Split Body Flanged Oxygen Cleaned Ball Valve

**Model # - SS- (1)(2)(3)-(4)-(5)(6)(7) Oxygen Safety Shutoff Valve**

1	Valve Series	90 - Stainless Steel body			
2	Ends	F - 150# Flanged 3- 300# Flanged			
3	Seat Material	X - Reinforced TFE			
4	Valve Size	050 - 1/2"	075 - 3/4"		
		100 - 1"	125 - 1 1/4"	150 - 1 1/2"	200 - 2"
		250 - 2 1/2"	300 - 3"	400 - 4"	600 - 6"
5	Actuator - Pneumatic-Fail Closed	6 - 60 PSIG air supply available 8 - 80 PSIG air supply available			
6	Solenoid	A - EF8321G1 120 VAC Brass Solenoid B - EF8321G1 24 VDC Brass Solenoid			
7	Limit Switch	A - EX10A2SBKN, 2-SPDT Mechanical, 5A@125 VAC			



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