

New Option!
**EPDM seat for low
 lockup and tight shutoff
 on no flow or deadhead
 blanketing applications**

JSRFLP Series

Pressure Reducing Valves for Low Flow and Low Pressure Biopharmaceutical and Parenteral process Gas

JSRFLP is a high purity low flow, regulator designed and built specifically for very low pressure hygienic, ASME BPE gas applications.

The JSRFLP has been designed specifically for very low pressure clean gas regulation in Stainless and Single Use Disposable applications. Whether it's precise regulation for sparging, blanketing, motive force, or SUD bag inflation, the JSRFLP was built for the job!

The durable valve body and metal trim components are machined from ASTM A479 316L SST barstock and finished to ASME BPE SF5, 20Ra micro-inch, (0.5 Ra micrometer) electropolished as standard.

The valve is outfitted with a sensitive PTFE Jorlon diaphragm and Teflon, PEEK and EPDM seats and seals that are all FDA approved, USP Class VI compliant materials. These materials of construction enable JSRFLP to withstand the rigors of an autoclave if required.

FEATURES

- Stable outlet pressure setpoints at very low pressure
- Very low set point offset (droop) especially at higher inlet pressures
- Top entry design facilitates in-line cleaning and maintenance
- Barstock construction guarantees material integrity and quality surface finish
- Four Cv's from 0.01 to 0.2 guarantee a valve that will fit your specific application
- Optimized internal volume
- Proprietary Jorlon diaphragm material provides exceptionally long life
- Soft seat material for ANSI Class VI shutoff

DOCUMENTATION

The following documentation is shipped at no charge:

- Steriflow Unicert, a QC signed Certificate of Compliance for:
 - Material, listing heat numbers with attached MTR's
 - Surface Finish
 - FDA/USP Class VI - for all thermoplastic and elastomers
- Traceability:
 - Each individual product serial number is traceable to the Unicert serial number, heat numbers and attached MTR's

Other documents must be requested at time of RFQ, or order:

- ADI/TSE Free, Certified Test reports, Certificate of Origin.



APPLICATIONS

Ideal for low pressure regulation of gases used in bio-pharmaceutical R&D and production facilities. Designed specifically for very low pressure control in traditional Stainless Steel and Single Use Disposable installations such as: Gas overlay or motive force movement, pressure filling, Lyophilization, sparging, or SUD bag inflation.

Clean Filter Air
 Nitrogen
 Carbon Dioxide
 Argon
 Oxygen
 Custom purge or blanket gas

NOTE: Though not drainable in any installation orientation, this valve can be used on clean steam or non-cavitating liquids with Steriflow engineering application approval.

SPECIFICATIONS

Sizes: 1/4" (DN8), 3/8" (DN10), 1/2" (DN15)

End Connections: ASME BPE, DIN, ISO Tri-clamp, or Tube Weld end; NPT

Gauge Ports: 1/4" FNPT is standard. Contact Factory for Tri-Clamp, VCR, or other alternatives.

Soft Seat Materials for ANSI Class VI Shut-off

- PTFE to +252°F (122°C) continuous or 275°F (135°C) intermittent [not to exceed 15 min. in a one hour period] FDA, USP Class VI
- PEEK to +350°F (177°C), FDA & USP Class VI
- EPDM to +275°F (135°C), FDA & USP Class VI

Body and Trim Material

- ASTM A479 316L SST
- Contact factory for other body/trim/seat materials

Diaphragm Material: Jorlon - PTFE™, FDA & USP Class VI

Maximum Inlet Pressure:

- Tube End & Tri-Clamp: 150 psig (10,3 bar)
- NPT: 150 psig (10,3 bar)

Optional Cleaning Specifications

- Clean for Oil-Free
- O2 Cleaning complying with ASTM G93-03 2011 and CGA G-4.1-2009

Pressure at Maximum Temperature:

- Tube End and Tri-Clamp: 150 psi @ 350°F (10,3 bar @

177°C) with PEEK seats; 150 psi @ 150°F (10,3 bar @ 66°C) with PTFE seats; 150 psi @ 275°F (10,3 bar @ 135°C) with EPDM seats

- NPT: 150 psi @ 350°F (10,3 bar @ 177°C) with PEEK seats; 150 psi @ 150°F (10,3 bar @ 66°C) with PTFE seats; 150 psi @ 275°F (10,3 bar @ 135°C) with EPDM seats

Surface Finish:

- Wetted Internal surface finish: Mechanically polished, and electropolished to ASME BPE SF5, 20 Ra µin (0.5 Ra µm) as standard
- Exterior surface finish: Mechanically polished, and electropolished to 40 Ra µin (1.0 Ra µm) as standard
- Other finishes available upon request

Maximum Pressure Drop:

- Tube End and Tri-Clamp: 150 psi (10,3 bar)
- NPT: 150 psi (10,3 bar)

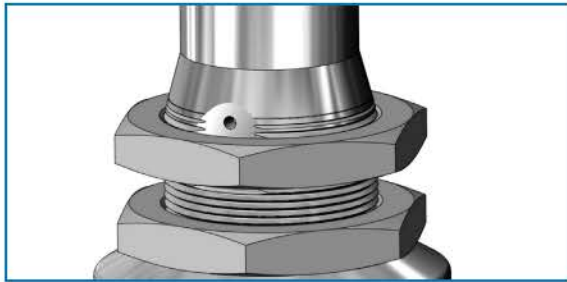
Spring Ranges: 1 – 75 psi (0,07 – 5,2 bar), 25 - 100 psi (1,7 - 6,9 bar)

Flow Capacities: Cv 0.012, Cv 0.03, Cv 0.08, Cv 0.20 (Kv 0,010, Kv 0,026, Kv 0,069, Kv 0,173)

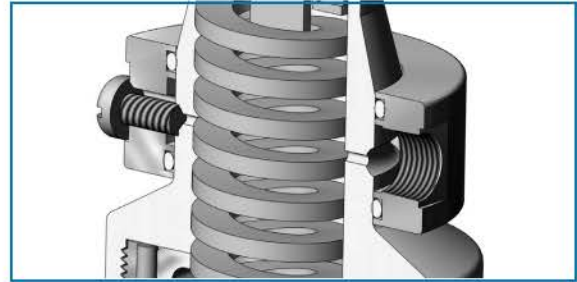
Options

- Oxygen cleaning and certification
- Panel Mounting
- Captured Vent
- Self Relieving
- Gauge Ports, Pressure Gauges

OPTIONS



Panel Mount Option



Captured Vent Option (1/8" NPT)

OPTION DEFINITION

Captured Vent

The captured vent design is for maximum safety for the user when handling toxic or hazardous media. It features a 1/8" FNPT port located on the spring housing. The user can easily tube this vent to a safe location. This option can be incorporated into a self-relieving regulator that provides an additional port to permit the safe expulsion of hazardous media.

Panel Mount

The panel mount feature requires a panel cut out of 1-1/2", complete with a threaded spring housing, and a panel mount ring to secure the regulator.

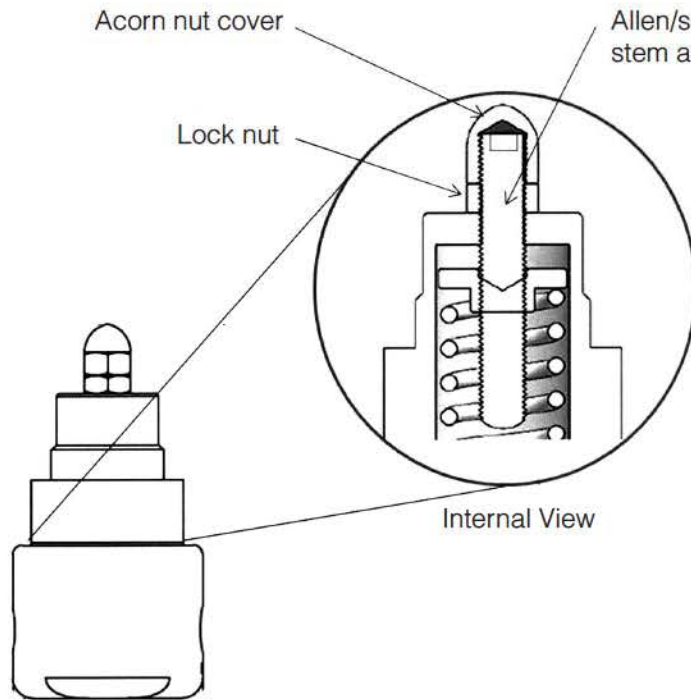
*Self Relieving

The self relieving option is used for internal venting of downstream pressure. From a practical standpoint, it allows for immediate reduction in pressure setpoints and automatically alleviates regulator lock up.

Gauge Ports - Pressure Gauge

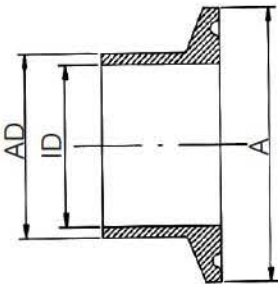
For inlet and outlet pressure gauges (and the gauges) are available as standard options

ANTI-TAMPER OPTION



1. Adjust stem position with Allen wrench
2. Tighten lock nut against bonnet while holding stem position
3. Replace and tighten acorn nut

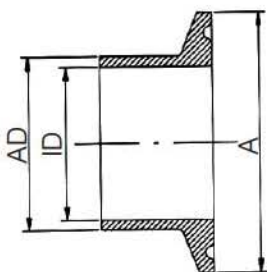
DIN & ISO TRI-CLAMP DIMENSIONS



DIN 32676 Row B (ISO 1127)

VALVE SIZE	A	AD	ID
DN15	50.5	21.3	18.1
DN15*	34.0	21.3	18.1
DN20	50.5	26.9	22.9

* with non-standard Tri-clamp face



DIN 32676 Row A (DIN 11850)

VALVE SIZE	A	AD	ID
DN15	34.0	19.0	16.0
DN15*	50.5	19.0	16.0
DN20	34.0	23.0	20.0
DN20*	50.5	23.0	20.0

* with non-standard Tri-clamp face

FEATURES & BENEFITS

Reliable, gas pressure regulation at flows less than 1 LPM and set points to 1 psig (69 millibar)

Autoclavable Anodized Aluminum Knob available as cataloged option

Fine thread pitch for precision setpoint adjustments.

ASTM A479 316L body, diaphragm casing, bonnet, and trim

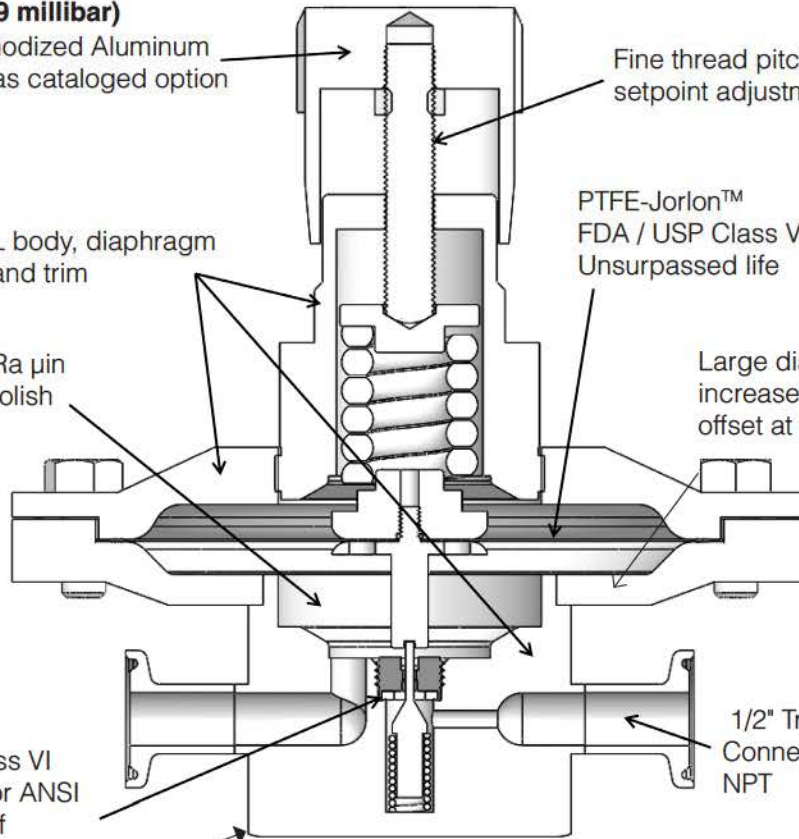
PTFE-Jorlon™ FDA / USP Class VI approved Unsurpassed life

ASME BPE SF5, 20 Ra μin (0,5 Ra μm) electropolish finish is standard

Large diaphragm area for increased stability, and less offset at very low setpoints

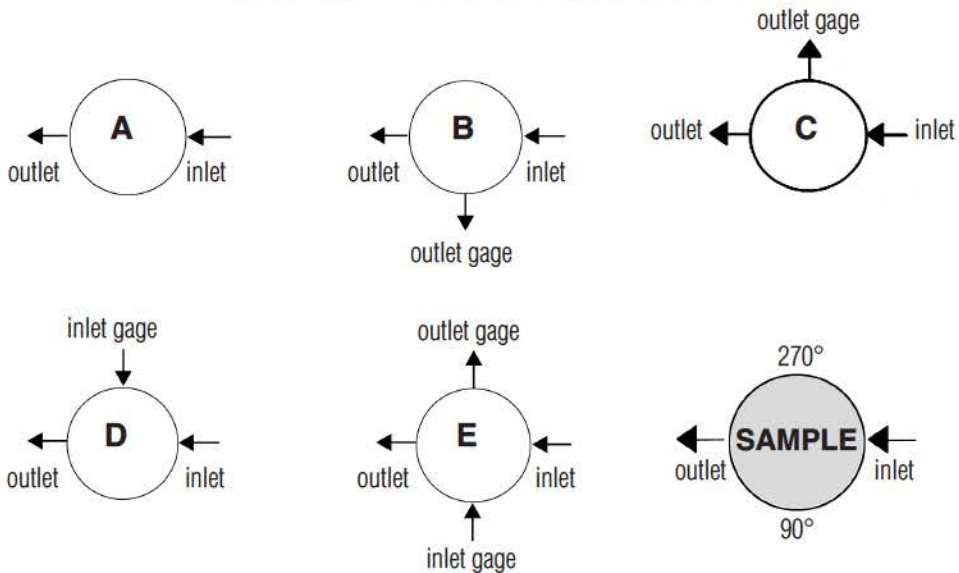
FDA / USP Class VI seat material for ANSI Class VI shutoff

1/2" Tri-Clamp and Tube Weld Connections; 1/4", 3/8" and 1/2" NPT



NOTE: Can be used on clean steam or non-cavitating liquids (the design is not drainable) with Steriflow engineering application approval.

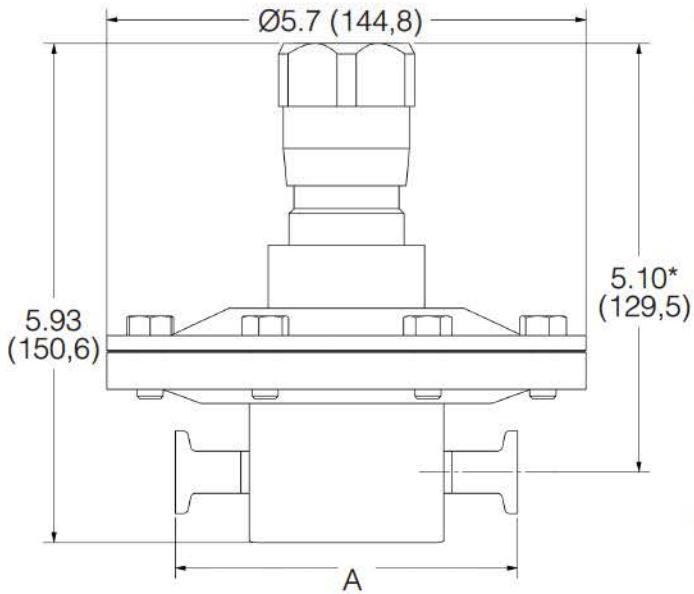
FLOW CONFIGURATIONS/ GAUGE PORTS



* Gauge ports are 1/4" FNPT as standard. Consult factory for Tri-Clamp, VCR, or other port options.

JSRFLP SERIES LOW FLOW LOW PRESSURE REDUCING VALVE

DIMENSIONS



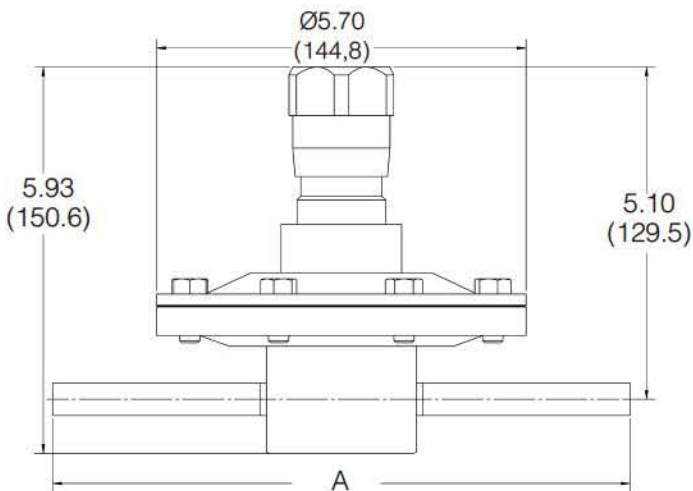
*Add 0.75" (19,1) for easy removal

- JSRFLP Series with ASME BPE Tri-Clamp Ends, Inches (Metric)

VALVE SIZE	A
1/2" (DN15)	4.07 (103,4)
3/4" (DN20)	4.07 (103,4)

- JSRFLP Series with ASME BPE Tube Ends, Inches (Metric)

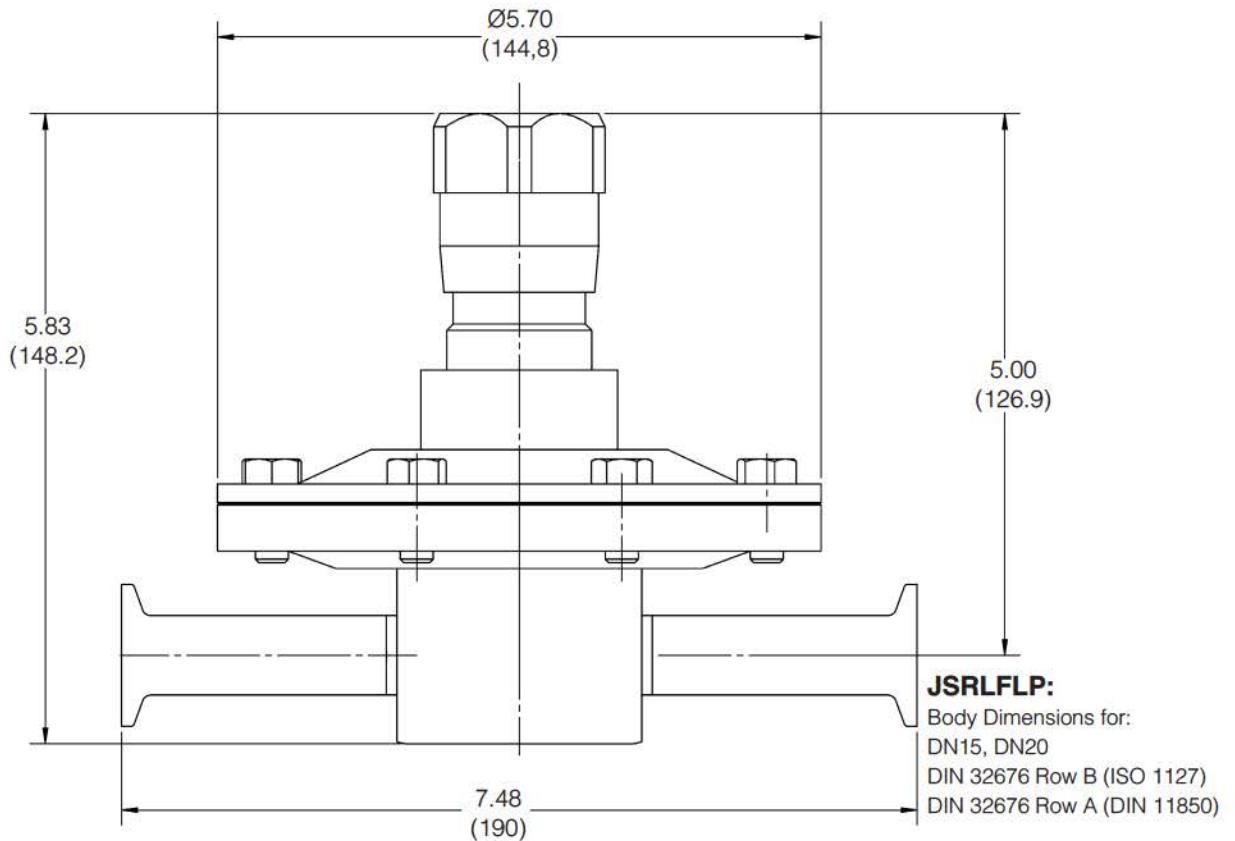
VALVE SIZE	A
1/2" (DN15)	8.85 (224,8)
3/4" (DN20)	8.85 (224,8)



- JSRFLP Series with FNPT/SW Ends, Inches (Metric)

VALVE SIZE	A
1/4" (DN8)	2.00 (50,8)
3/8" (DN10)	2.00 (50,8)
1/2" (DN15)	2.75 (69,9)

**DIMENSIONS, IN (MM)- DN15,20 FOR DIN 32676 Row B (ISO 1127)
AND DIN 32676 Row A (ISO 11850)**



Cv TRIM SELECTION INSTRUCTIONS

To select a valve with the proper Cv:

1. Select a graph on the following twelve pages that best represents your outlet pressure set point and flow range
2. Looking at that graph, select the closest inlet pressure line (horizontal sloped line, P1) that best reflects your application's actual inlet pressure. That line indicates the Pressure/Flow capabilities and offset (droop) of the trim (Flow Coefficient, Cv) under flowing conditions.

Note: If your exact outlet pressure set point or inlet pressure is not listed you will have to interpolate.

- Your particular inlet pressure line will be very similar in length and slope to the line chosen on any particular graph.
- The same is true for your outlet pressure set point, simply shift the line up or down.

3. The Cv is listed in bold at the upper left of the page of your chosen graph. You will need that for model number selection (See page 20).

FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

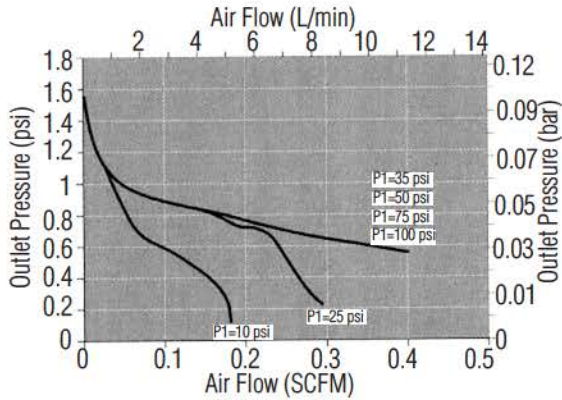
Flow Coefficient: 0.012

Maximum inlet pressure: 150 psig (10,3 bar)

Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

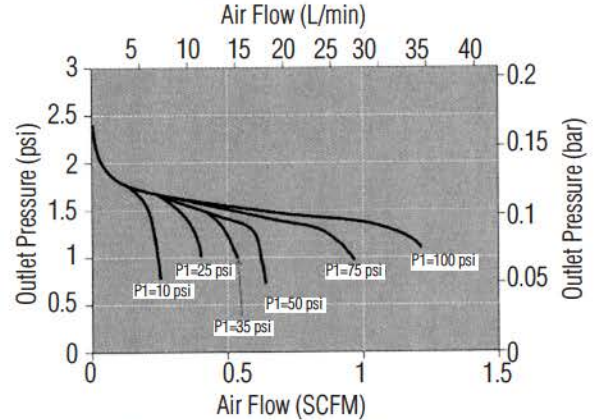
Set Point: 1 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

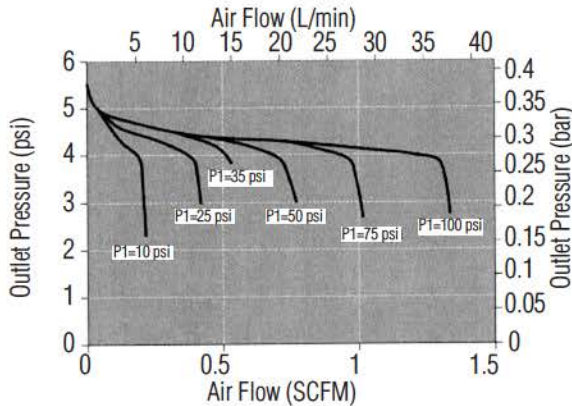
Set Point: 2 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

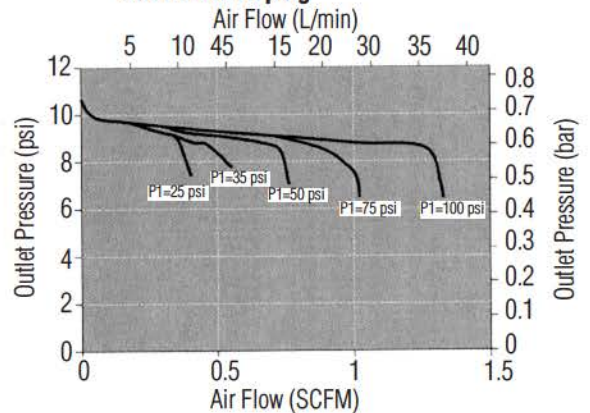
Set Point: 5 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

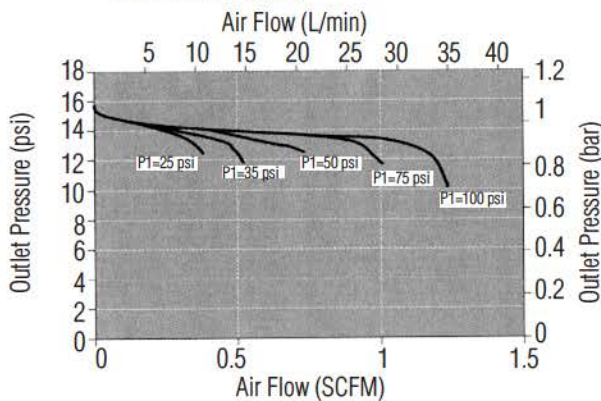
Set Point: 10 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

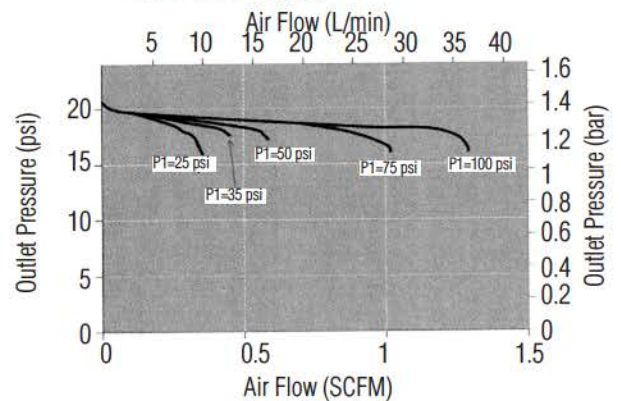
Set Point: 15 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

Set Point: 20 psig



FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

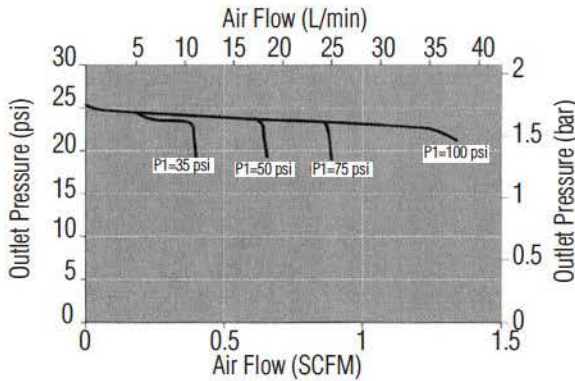
Flow Coefficient: 0.012

Maximum inlet pressure: 150 psig (10,3 bar)

Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

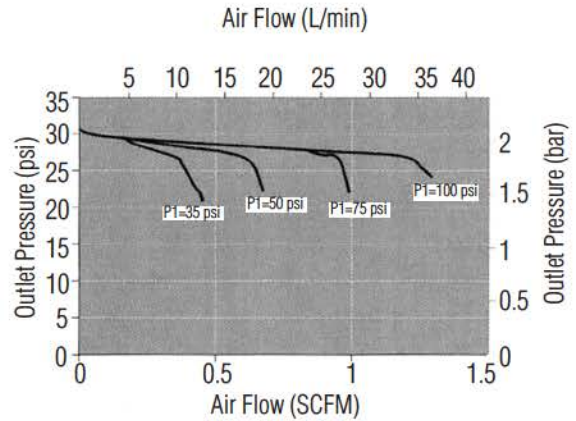
Set Point: 25 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

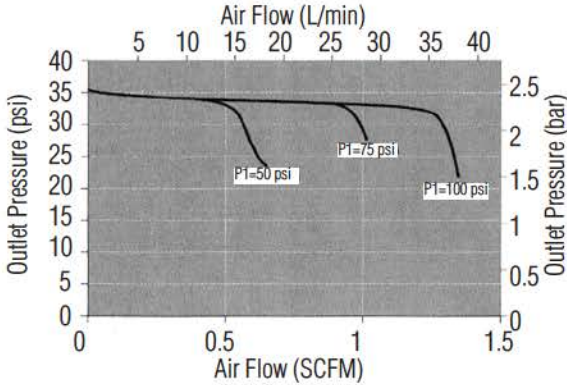
Set Point: 30 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

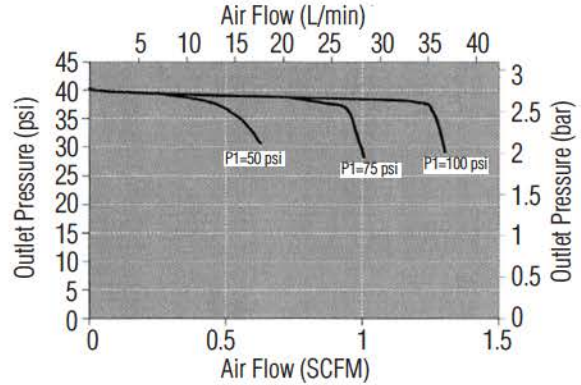
Set Point: 35 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

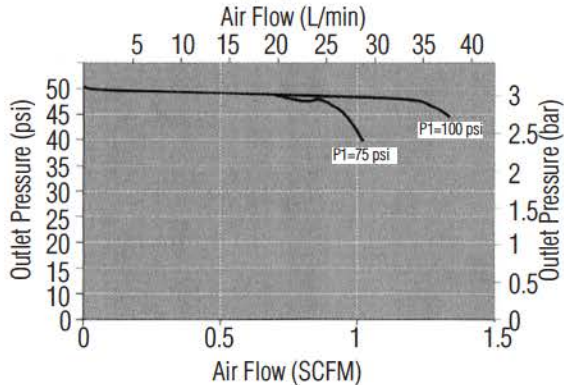
Set Point: 40 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

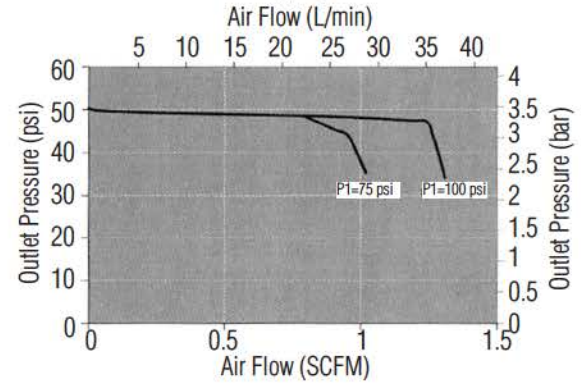
Set Point: 45 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

Set Point: 50 psig



FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

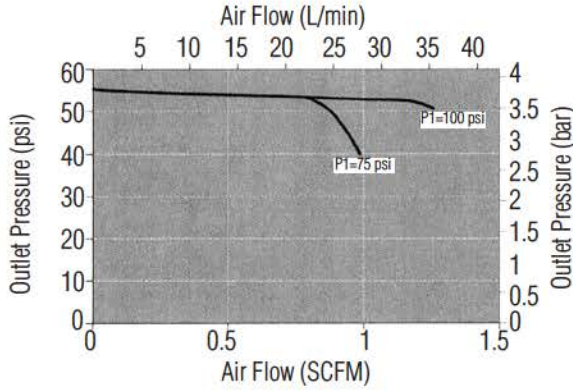
Flow Coefficient: 0.012

Maximum inlet pressure: 150 psig (10,3 bar)

Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

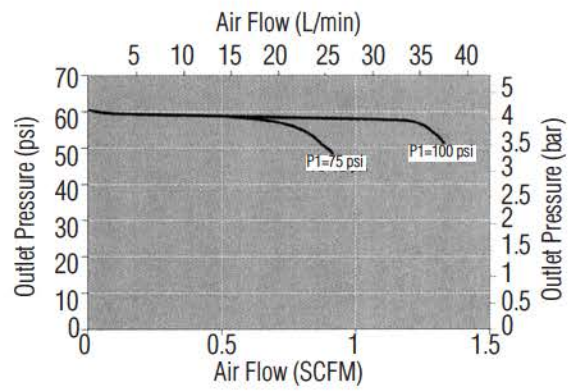
Set Point: 55 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

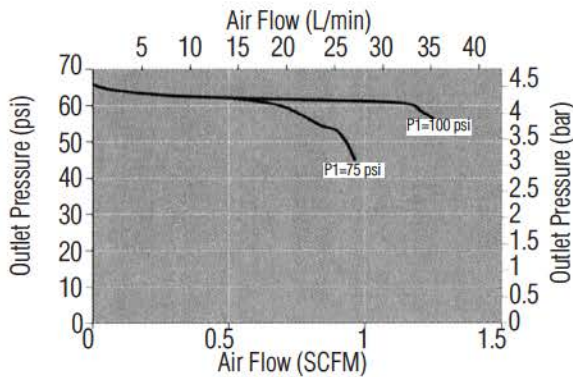
Set Point: 60 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

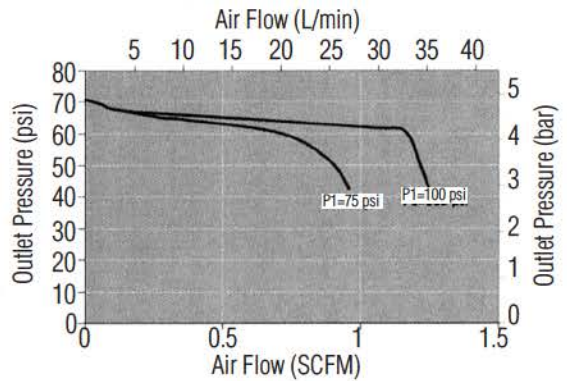
Set Point: 65 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

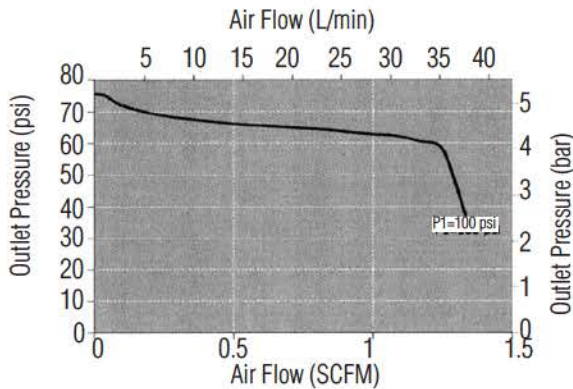
Set Point: 70 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

Set Point: 75 psig

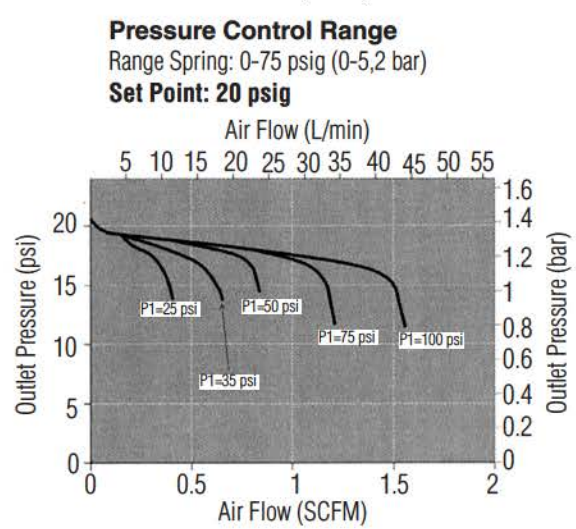
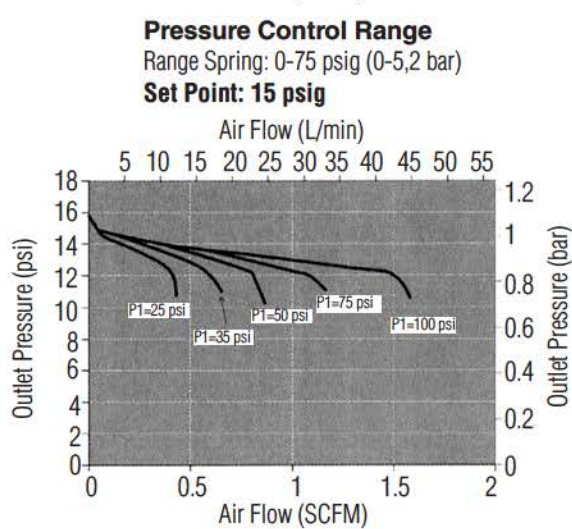
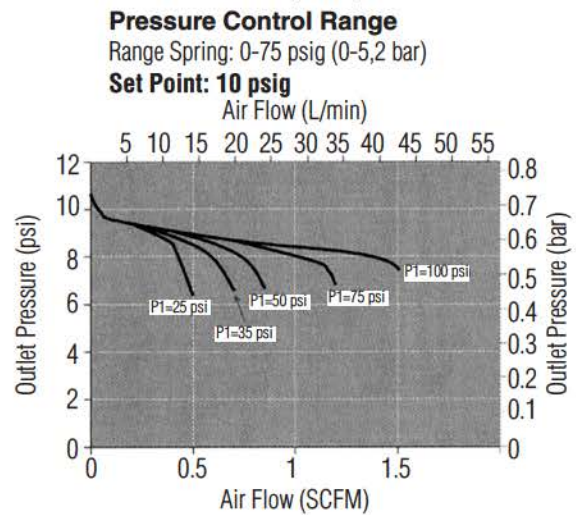
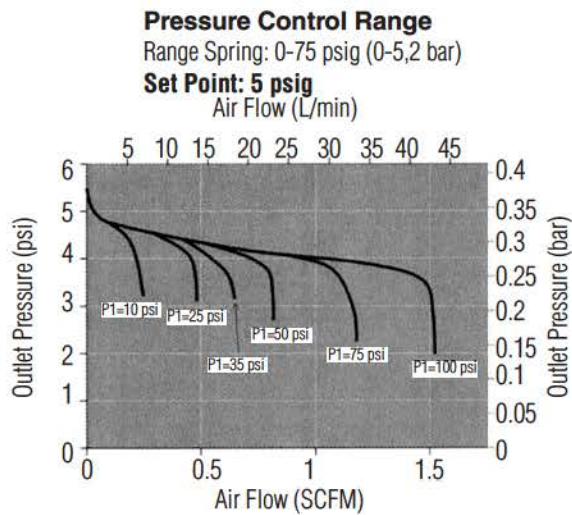
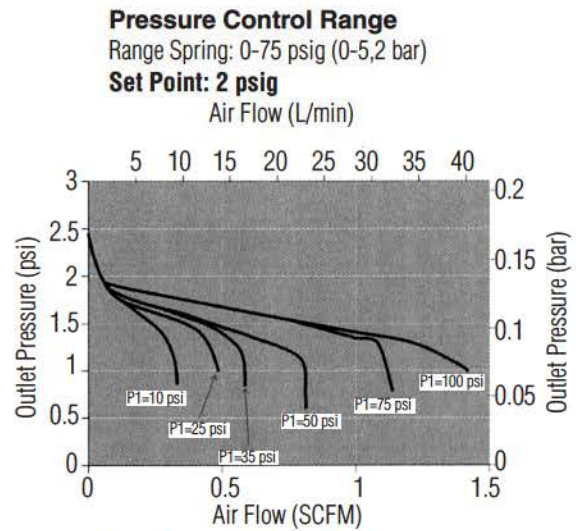
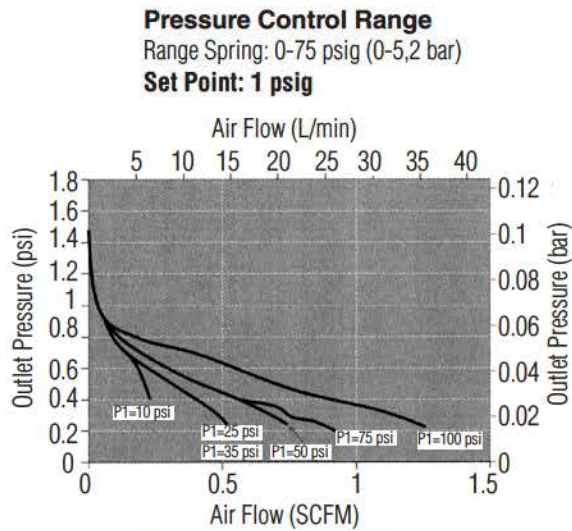


FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

Flow Coefficient: 0.03

Maximum inlet pressure: 150 psig (10,3 bar)

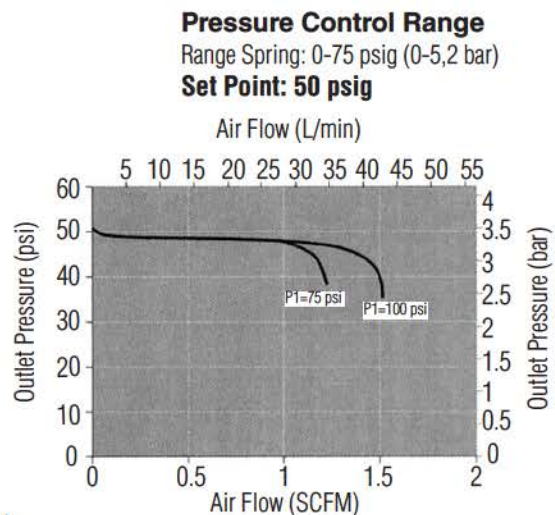
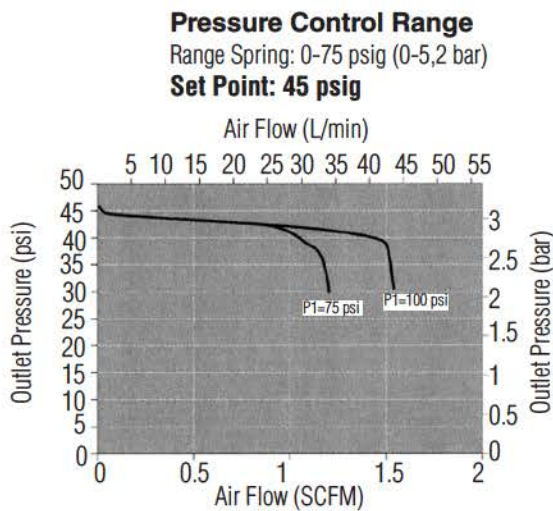
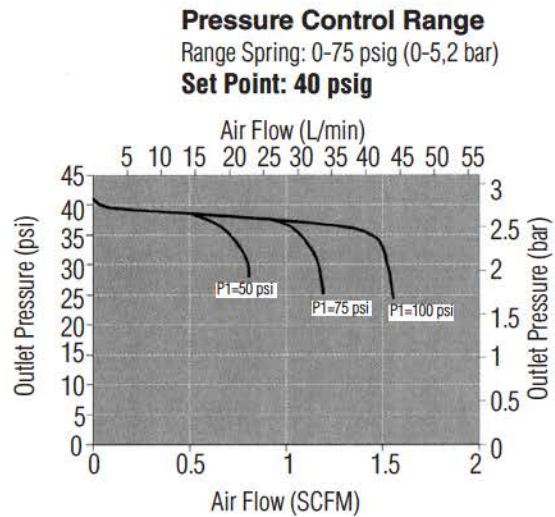
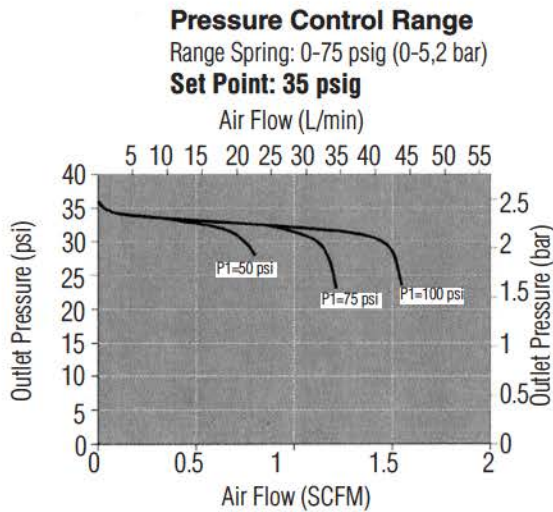
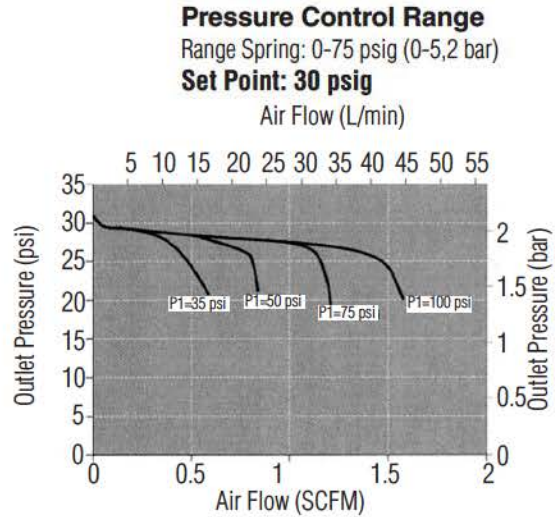
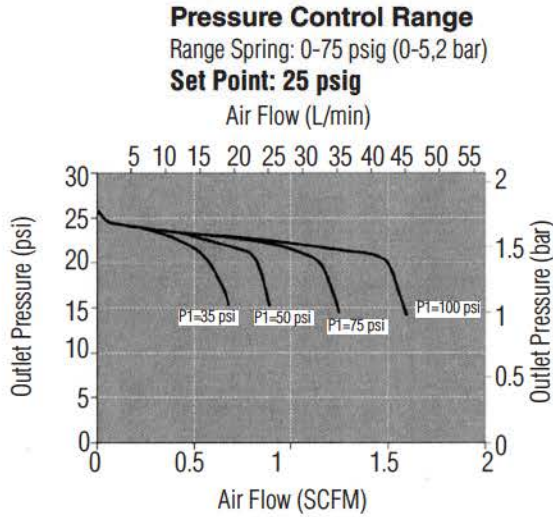


FLOW DATA FOR CV TRIM SELECTION

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Flow Coefficient: 0.03

Maximum inlet pressure: 150 psig (10,3 bar)

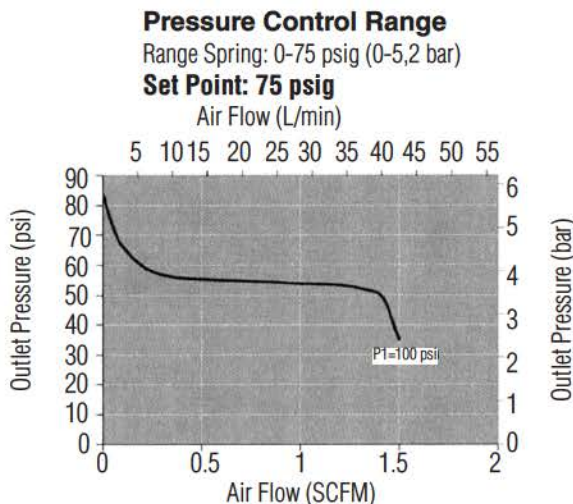
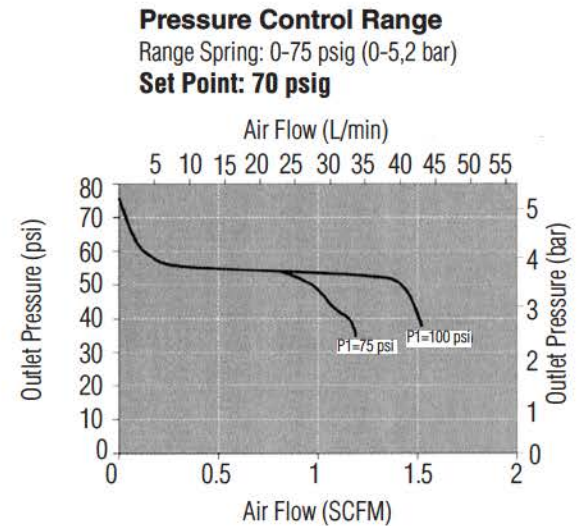
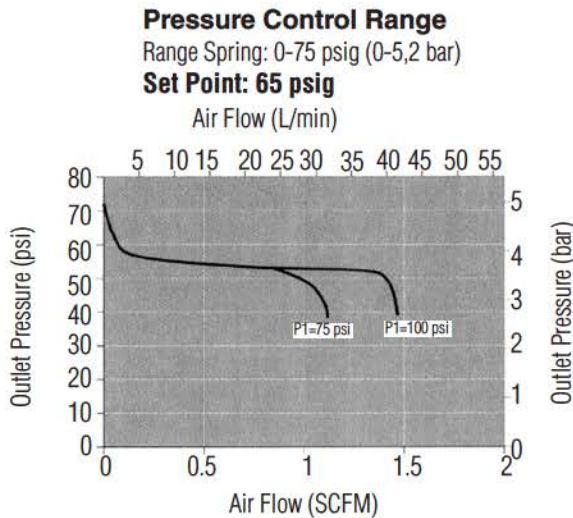
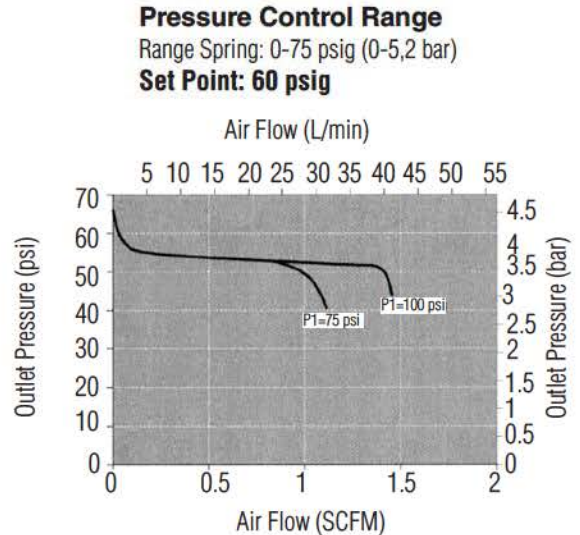
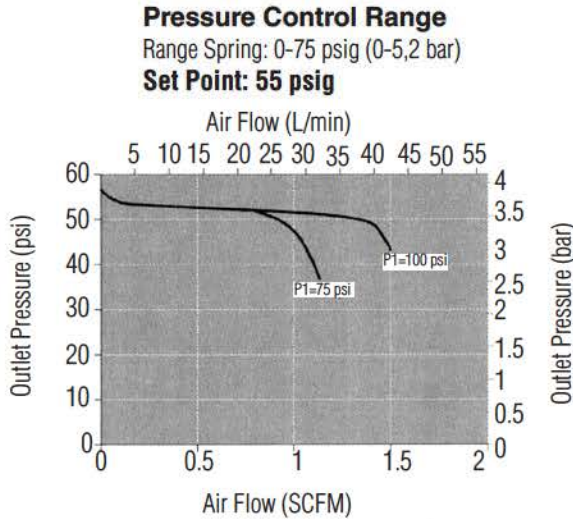


FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

Flow Coefficient: 0.03

Maximum inlet pressure: 150 psig (10,3 bar)

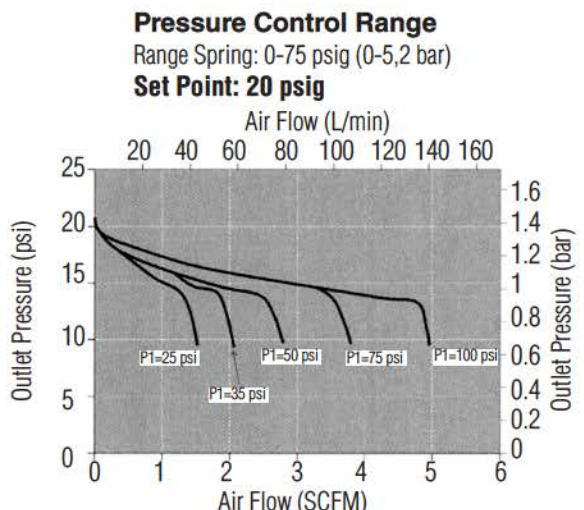
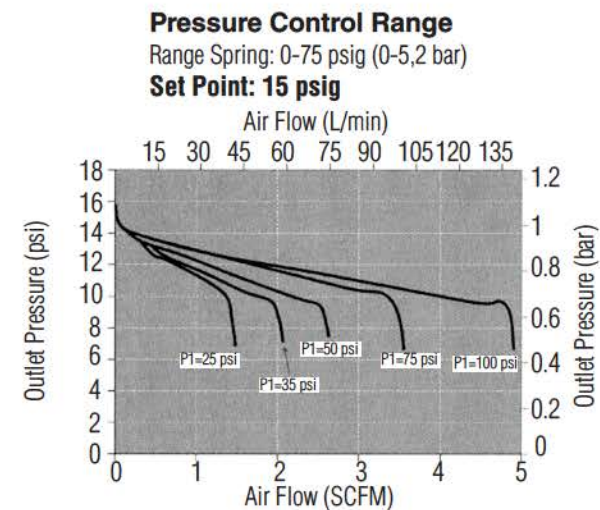
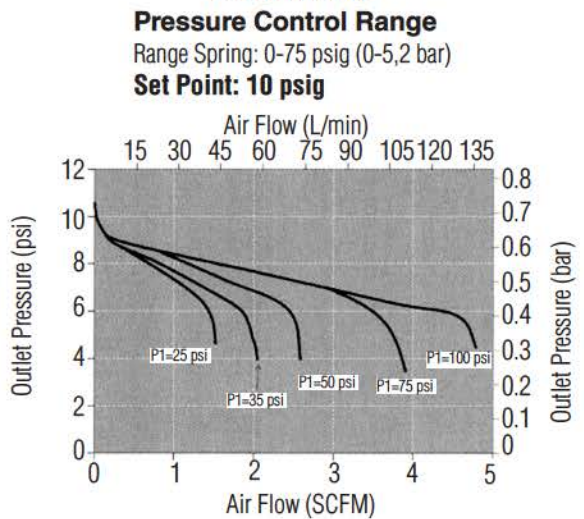
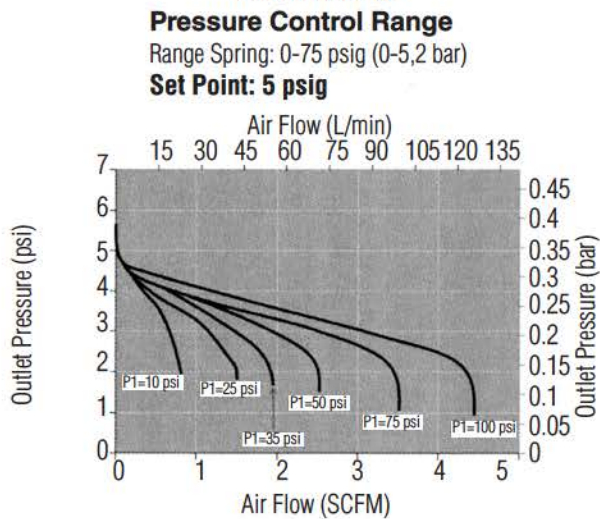
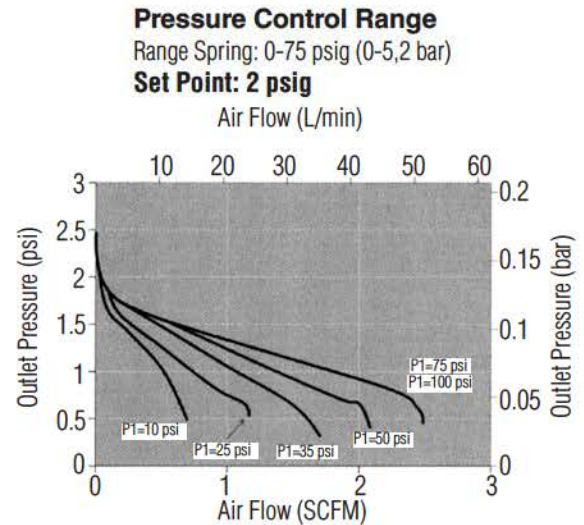
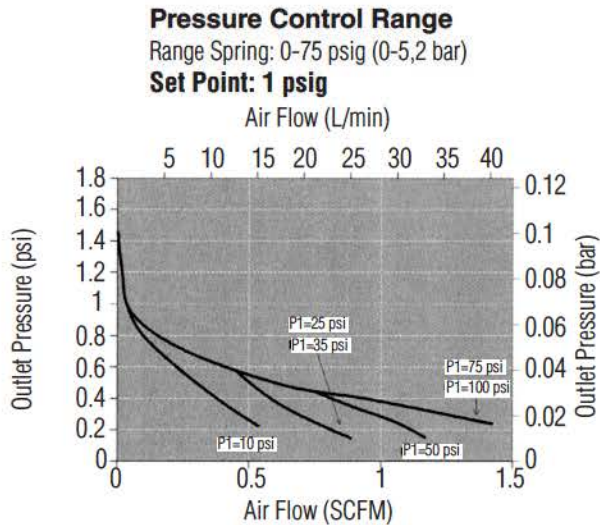


FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

Flow Coefficient: 0.08

Maximum inlet pressure: 150 psig (10,3 bar)



FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

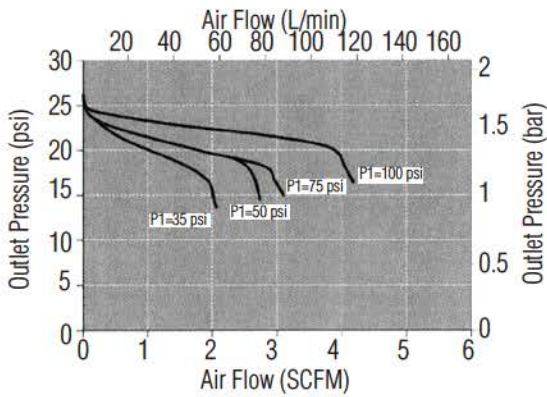
Flow Coefficient: 0.08

Maximum inlet pressure: 150 psig (10,3 bar)

Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

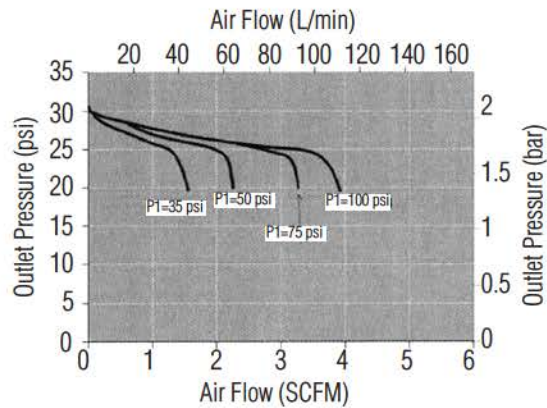
Set Point: 25 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

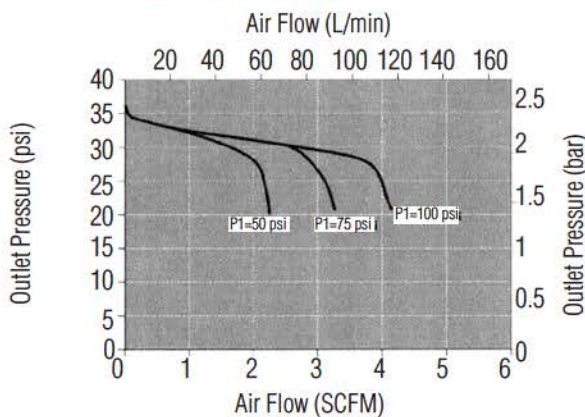
Set Point: 30 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

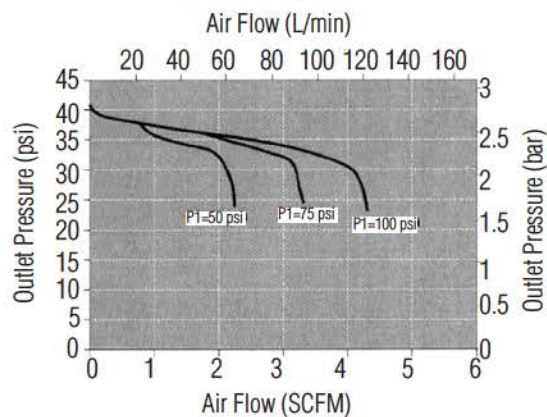
Set Point: 35 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

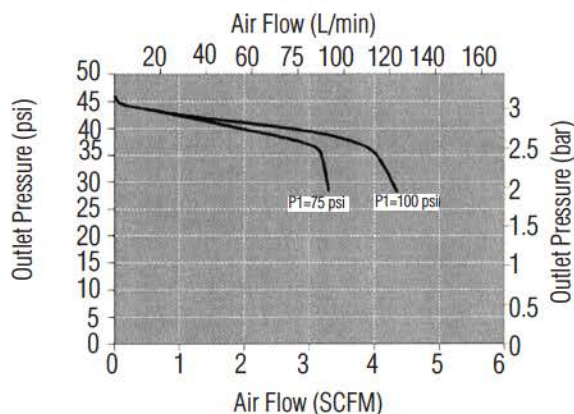
Set Point: 40 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

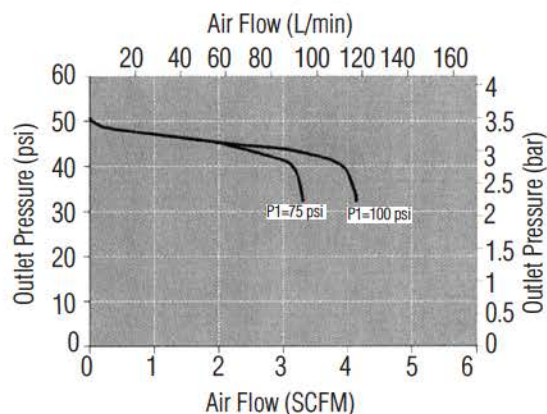
Set Point: 45 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

Set Point: 50 psig

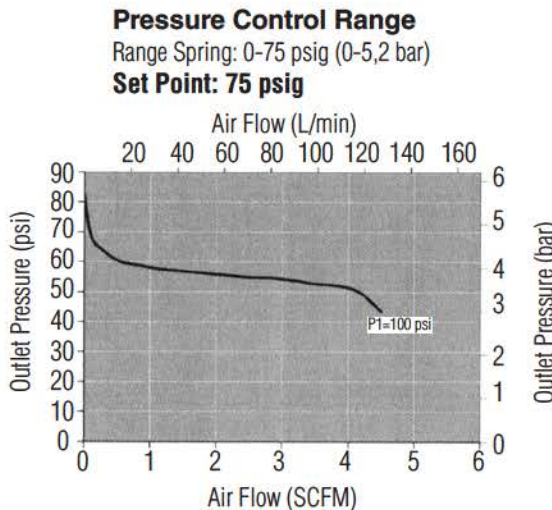
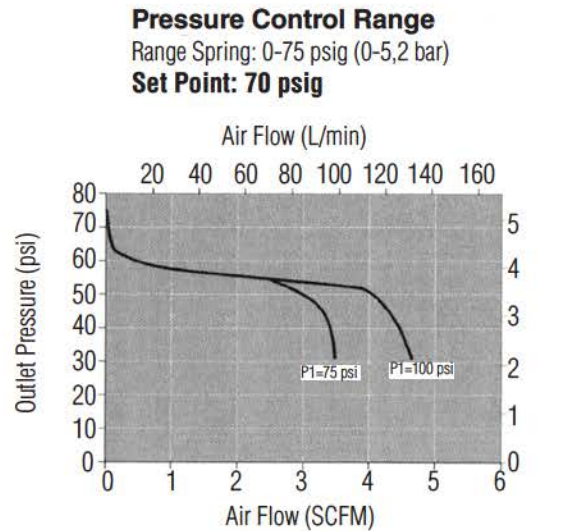
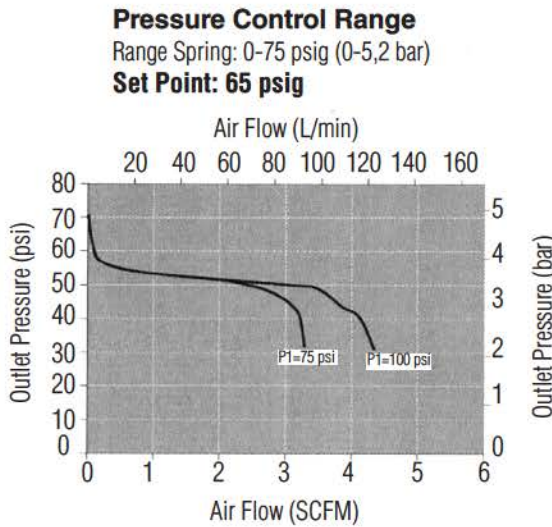
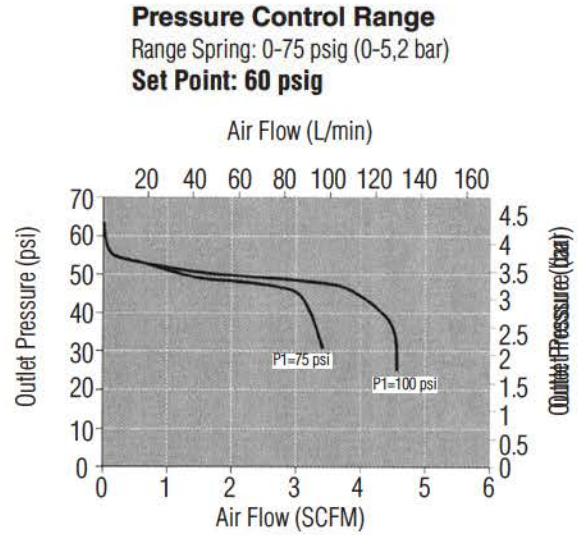
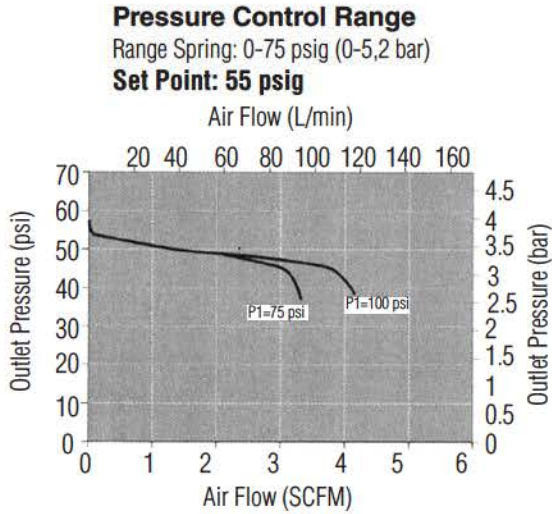


FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

Flow Coefficient: 0.08

Maximum inlet pressure: 150 psig (10,3 bar)



FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

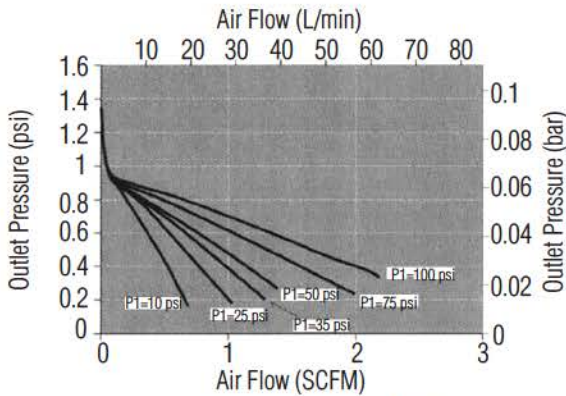
Flow Coefficient: 0.20

Maximum inlet pressure: 150 psig (10,3 bar)

Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

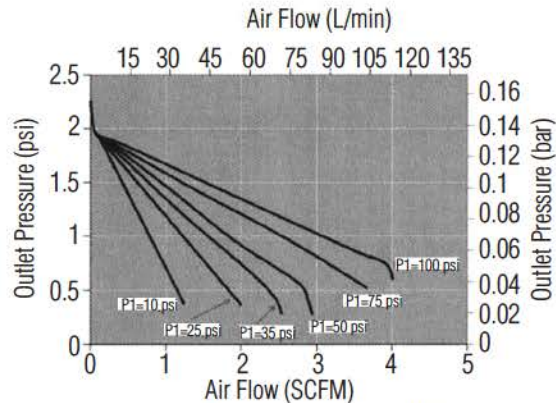
Set Point: 1 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

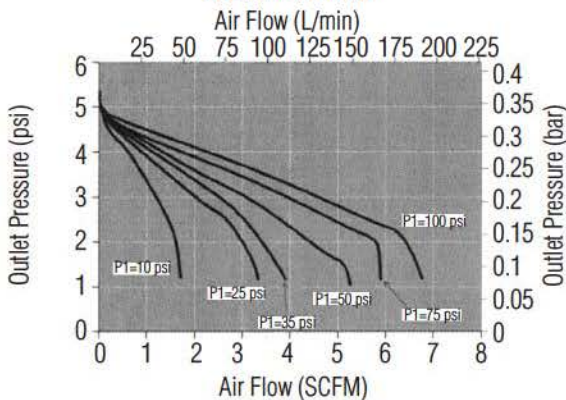
Set Point: 2 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

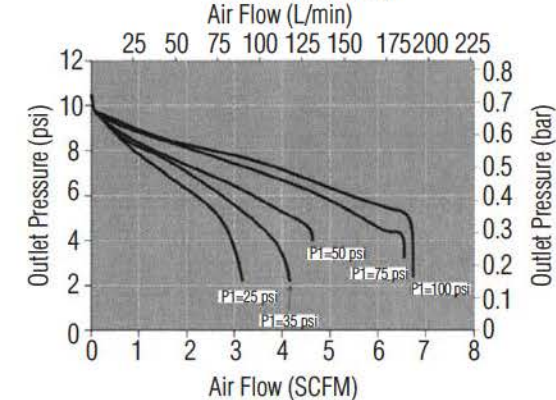
Set Point: 5 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

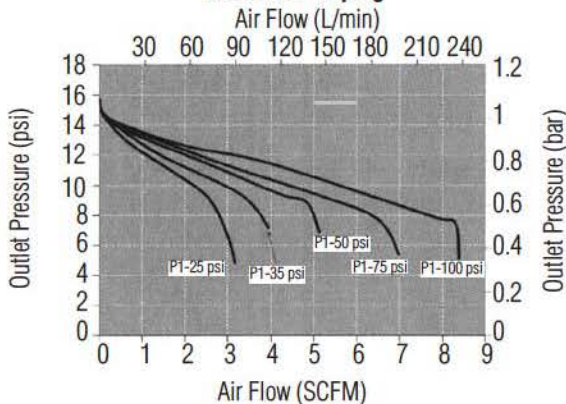
Set Point: 10 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

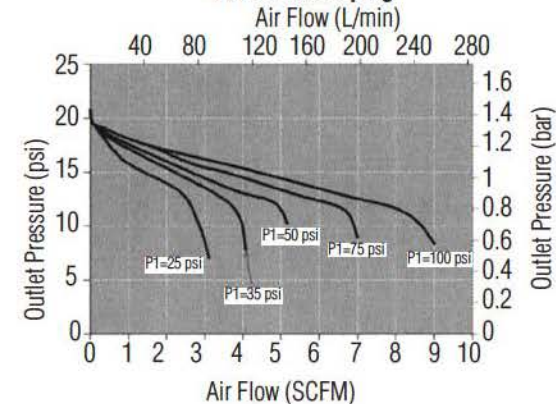
Set Point: 15 psig



Pressure Control Range

Range Spring: 0-75 psig (0-5,2 bar)

Set Point: 20 psig

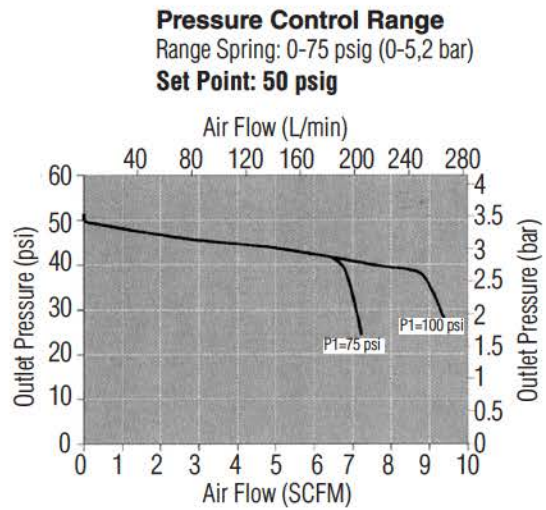
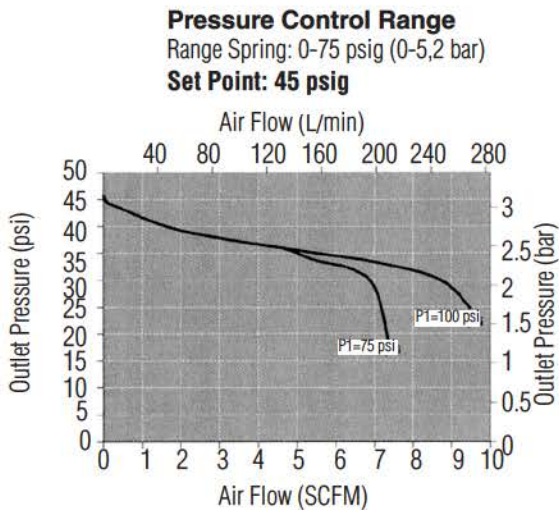
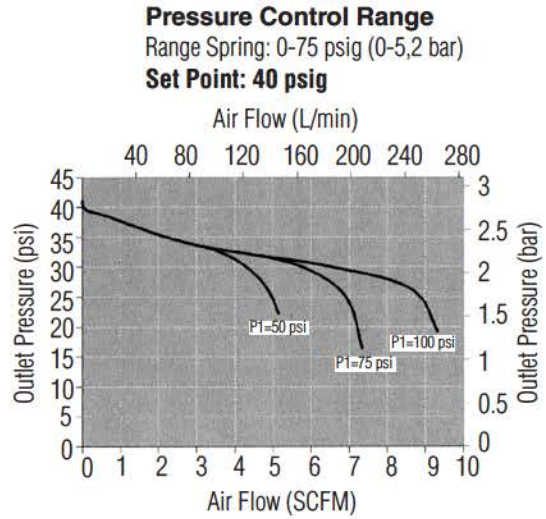
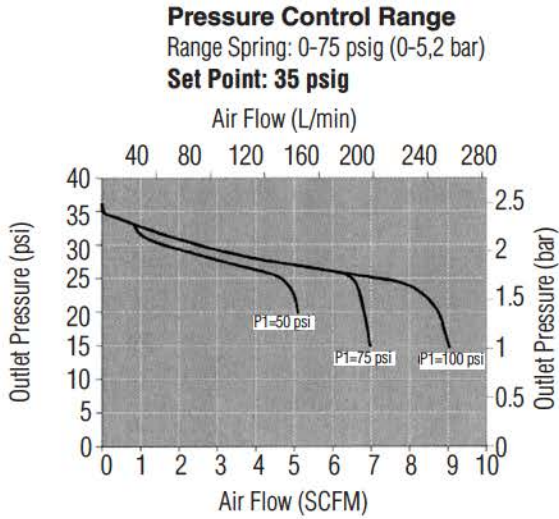
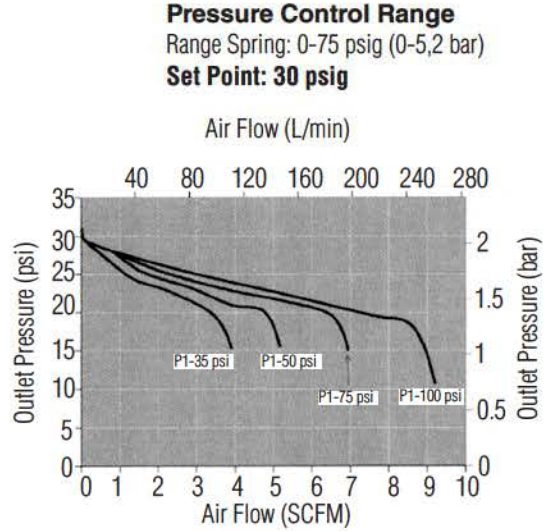
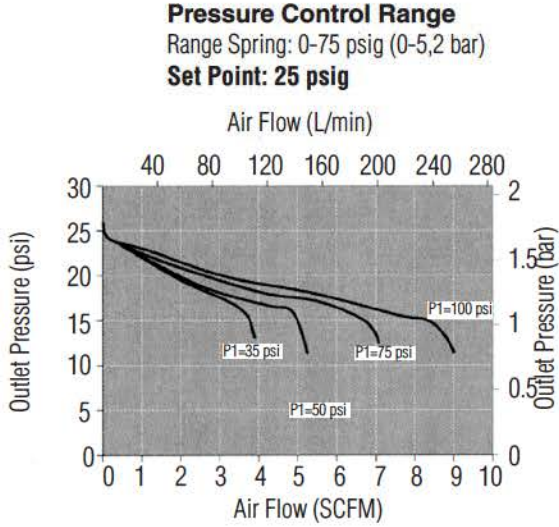


FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

Flow Coefficient: 0.20

Maximum inlet pressure: 150 psig (10,3 bar)

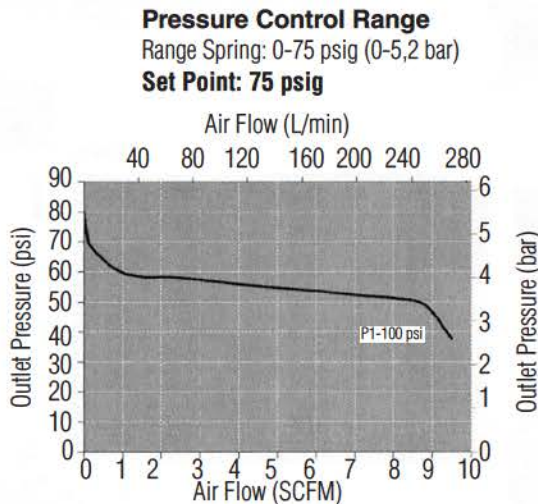
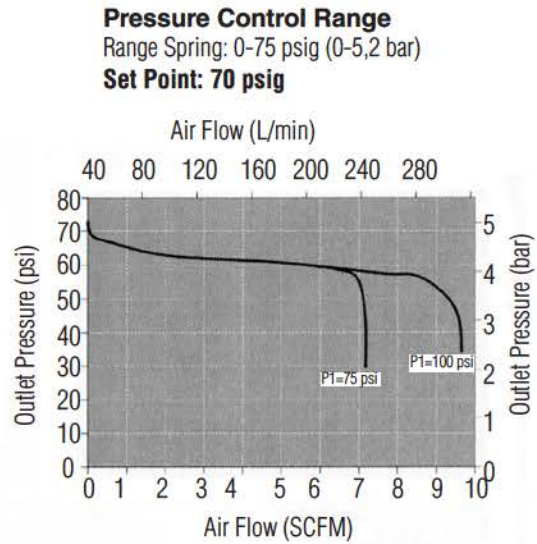
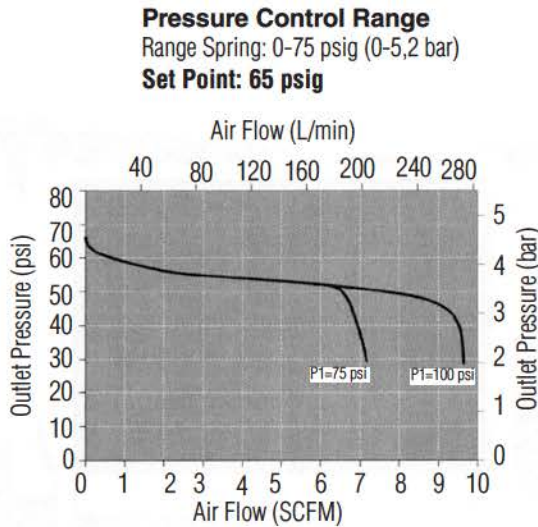
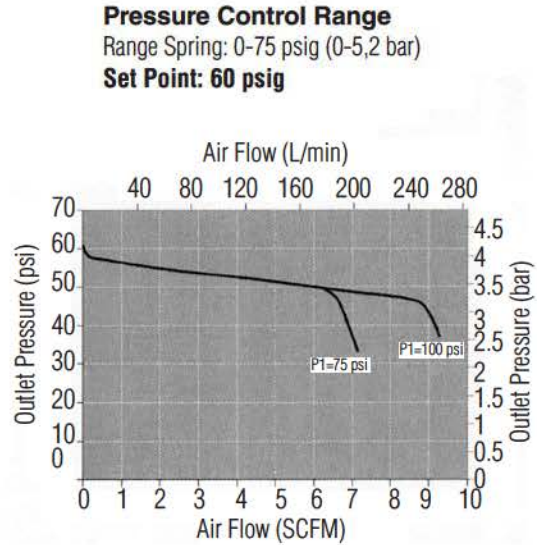
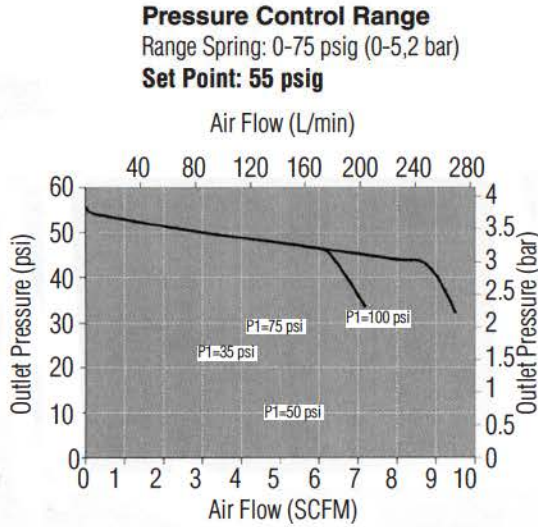


FLOW DATA FOR CV TRIM SELECTION

The graphs illustrate the change or "droop" in outlet pressures as the flow rate increases, and the lockup (setpoint rise) as flow decreases and approaches zero.

Flow Coefficient: 0.20

Maximum inlet pressure: 150 psig (10,3 bar)



JSRFLP SERIES LOW FLOW LOW PRESSURE REDUCING VALVE

JSRFLP ORDERING SCHEMATIC (SEE PG 19 FOR JSRFLPE (EPDM SEAT) ORDERING SCHEMATIC)

Model	Size	Material	/	1 & 2	3 & 4	5 & 6	7 & 8	9 & 10	11 & 12	13 & 14	15	16	17
	—	—											

Model	
JSRFLP	Low Flow Low Pressure Reducing Valve

Size	
025	1/4" (DN08)
038	3/8" (DN10)
050	1/2" (DN15)

Material	
6L	ASTM A479, 316L

7 & 8		Range Spring / Outlet Pressure
E1		1 - 75 psi
E2		25 - 100 psi
ZZ		Non-Standard

9 & 10		Diaphragm Material
JL		Jorlon™ PTFE, FDA & USP Class VI
ZZ		Non-Standard

1 & 2	Body Feature		
	End Connection	Port Configuration*	
A	FNPT, 1/4"	A	Port "A"
B	FNPT, 3/8"	B	Port "B"
C	FNPT, 1/2"	C	Port "C"
T	ASME BPE Tri-Clamp, 1/2"	D	Port "D"
W	ASME BPE Tube Weld, 1/2"	E	Port "E"
S ¹	ISO Tri-Clamp, DN15		
V ¹	ISO w/ 34.0mm face T-Clamp, DN15		
R ¹	ISO T-Clamp, DN20		
D ²	DIN Tri-Clamp, DN15		
N ²	DIN T-Clamp, DN15 w/50.5mm face		
U ²	DIN T-Clamp, DN20		
X ²	DIN T-Clamp, DN20 w/50.5mm face		
M ³	DIN Tube Weld, DN15		
H ⁴	ISO Tube Weld, DN15		
ZZ	Non-Standard		

11 & 12		Actuator
SK		Standard Actuator
AK		Autoclavable Anodized Aluminum Knob available as cataloged option
CV		Captured Vent
PM		Panel Mount
TP		Anti-tamper feature (See illustration page 3)
ZZ		Non-Standard

¹ Acc. to DIN 32676 Row B (ISO 1127). See dimensions, page 3

² Acc. to DIN 32676 Row A. See dimensions, page 3

³ Acc. to DIN 11866, DIN 11850 Row A

⁴ Acc. to DIN 11866 Row B

* Std. Gauge Ports are 1/4" FNPT. Contact factory for availability of others

13 & 14		Inlet Gauge
AA		0 - 30 psi / bar (Dual)
BB		0 - 60 psig / bar (Dual)
CC		0 - 100 psig / bar (Dual)
DD		0 - 160 psig / bar (Dual)
NN		None
ZZ		Non-Standard

3 & 4		Trim
1S		Cv 0.012 (Kv 0,010)
4S*		Cv 0.03 (Kv 0,026)
2S		Cv 0.08 (Kv 0,069)
3S		Cv 0.2 (Kv 0,173)
1R		Cv 0.012 Self-Relieving
4R*		CV 0.03 Self-Relieving
2R		Cv 0.08 Self-Relieving
3R		Cv 0.2 Self-Relieving
ZZ		Non-Standard

15		Outlet Gauge
A		0 - 30 psig/bar (Dual)
B		0 - 60 psig / bar (Dual)
C		0 - 100 psig / bar (Dual)
N		None
Z		Non-Standard

* Though out of sequence, "4S" and "4R" are the correct order codes for Cv 0.03

16		SEP Compliance
G		SEP Compliant
∅		None
Z		Non-Standard

5 & 6				Seat Material - FDA & USP Class VI
T1	PTFE Cv 0.012	P2		PEEK Cv 0.08
T2	PTFE Cv 0.08	P3		PEEK Cv 0.2
T3	PTFE Cv 0.2	P4		PEEK Cv 0.03
T4	PTFE Cv 0.03	ZZ		Non-Standard
P1	PEEK Cv 0.012			

17		Accessories
S		Clean For Oil Free
X		Clean For Oxygen
∅		None
Z		Non-Standard

JSRFLPE (EDPM SEAT) ORDERING SCHEMATIC

Model	Size	Material	/	1 & 2	3 & 4	5 & 6	7 & 8	9 & 10	11 & 12	13 & 14	15	16	17
	—	—											

Model	
JSRFLPE	Low Flow Low Pressure Reducing Valve (EDPM Seat)

Size	
025	1/4" (DN08)
038	3/8" (DN10)
050	1/2" (DN15)

Material	
6L	Stainless Steel 316L

1 & 2	Body Feature	
	End Connection	Port Configuration*
A	FNPT, 1/4"	A Port "A"
B	FNPT, 3/8"	B Port "B"
C	FNPT, 1/2"	C Port "C"
T	ASME BPE Tri-Clamp, 1/2"	D Port "D"
W	ASME BPE Tube Weld, 1/2"	E Port "E"
S ¹	ISO Tri-Clamp, DN15	
V ¹	ISO w/ 34.0mm face T-Clamp, DN15	
R ¹	ISO T-Clamp, DN20	
D ²	DIN Tri-Clamp, DN15	
N ²	DIN T-Clamp, DN15 w/50.5mm face	
U ²	DIN T-Clamp, DN20	
X ²	DIN T-Clamp, DN20 w/50.5mm face	
M ³	DIN Tube Weld, DN15	
H ⁴	ISO Tube Weld, DN15	
ZZ	Non-Standard	

¹ Acc. to DIN 32676 Row B (ISO 1127). See dimensions, page 3

² Acc. to DIN 32676 Row A. See dimensions, page 3

³ Acc. to DIN 11866, DIN 11850 Row A

⁴ Acc. to DIN 11866 Row B

* Std. Gauge Ports are 1/4" FNPT. Contact factory for availability of others

3 & 4	Trim
1S	Cv 0.012
2S	Cv 0.08
3S	Cv 0.2
4S	Cv 0.03
1R	Cv 0.012 Self-Relieving
2R	Cv 0.08 Self-Relieving
3R	Cv 0.2 Self-Relieving
4R	CV 0.03 Self-Relieving
ZZ	Non-Standard

5 & 6	Seat Material
D1	EPDM Cv 0.012
D2	EPDM CV 0.08
D3	EPDM C 0.20
D4	EPDM CV 0.03
ZZ	Non-Standard

7 & 8	Range Spring / Outlet Pressure
E1	1 - 75 psi
E2	25 - 100 psi
ZZ	Non-Standard

9 & 10	Diaphragm Material
JL	Thin Jorlon
ZZ	Non-Standard

11 & 12	Actuator
	Ranges E1 thru E5
SK	Standard
CV	Captured Vent
PM	Panel Mount
TP	Tamper Proof
AK	Anod. Alum.
ZZ	Non-Standard

13 & 14	Inlet Gauge
AA	0 - 30 psig
BB	0 - 60 psig / bar (Dual)
CC	0 - 100 psig / bar (Dual)
DD	0 - 160 psig / bar (Dual)
NN	None
ZZ	Non-Standard

15	Outlet Gauge
A	0 - 30 psig
B	0 - 60 psig / bar (Dual)
C	0 - 100 psig / bar (Dual)
N	None
Z	Non-Standard

16	SEP Compliance
G	SEP Compliant
Ø	None
Z	Non-Standard

17	Accessories
S	Clean For Oil Free
X	Clean For Oxygen*
Ø	None
Z	Non-Standard

*Procedure complies with ASTM G-93 2011 and CGA G-4.1-2009

Steriflow Valve reserves the right to make revisions to its product, specifications, literature and related information without notice. Please visit our website at www.steriflowvalve.com for the latest information on our products.