

Excelon® design allows in-line or modular installation

Controls increase of downstream pressure on start up. Cylinders and other air operated devices are eased into normal operating positions, reducing the possibility of equipment damage and hazards to the user.

Blocks inlet air and exhausts downstream air when pilot signal is removed or when the optional manual lockout slide is closed

Optional manual slide can be padlocked in closed position

Solenoid pilot or air pilot operation

Designed for use in start-up and shutdown of equipment.



P72F

P74F

P74F-AD

Technical data

Fluid:

Compressed air, neutral gases
 NOTE: Contact technical support for use with other media.

Maximum pressure solenoid operated:

Dependent on solenoid rating
 [must not exceed 150 psig (10 bar)]

Maximum pressure pilot operated:

150 psig (10 bar) max.

Minimum operating pressure:

44 psig (3 bar)

Operating temperature solenoid operated:

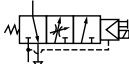
Dependent on solenoid rating
 [must be within range
 0°* to 150°F (-20°* to 65°C)] (72)
 [must be within range
 0°* to 175°F (-20°* to 80°C)] (74)

Materials

Body: zinc alloy (72) aluminum (74)
 Elastomers: synthetic materials
 Filter discs: sintered plastic
 Internal components: brass/steel

Ordering information

Models listed include PTF threads. Solenoid operated models include 24 VDC coil and plug without indicator.

ISO Symbols	Port size	Solenoid operated*	lb (kg)
 Solenoid operated	1/4"	P72F-2AC-PFA	2.0 (0.91)
	3/8"	P74F-3AC-PFA	2.4 (1.08)
	1/2"	P74F-4AC-PFA	2.3 (1.05)
	3/4"	P74F-6AC-PFA	3.1 (1.41)

* Solenoid operated models are supplied with 22 mm 24 V d.c. 2 W coil and connector plug without indicator light. plugs. To select alternative voltages and other options refer to the Options selector below. For connector plugs see next page.

** Factory repair only

Options selector

Series		Substitute		Connectors		Substitute	
72		2		3 pin plug with cable gland, no indicator light		A	
74		4		Without		N	
Port size		Substitute		Coil voltage	Nominal power rating	Substitute	
1/4" (72)		2		24 V d.c.	2 W	F	
3/8"		3		110/120 V	4/2.5 VA, 50/60 Hz	A	
1/2" (74)		4		No solenoid		N	
3/4" (74)		6		Solenoid manual operator		Substitute	
Threads		Substitute		Shrouded push button		P	
PTF		A		None		N	
ISO G parallel		G					
Operator		Substitute					
Air pilot option		A					
22 mm miniature solenoid		C					
22 mm miniature solenoid with manual lockout slide (74)		D					

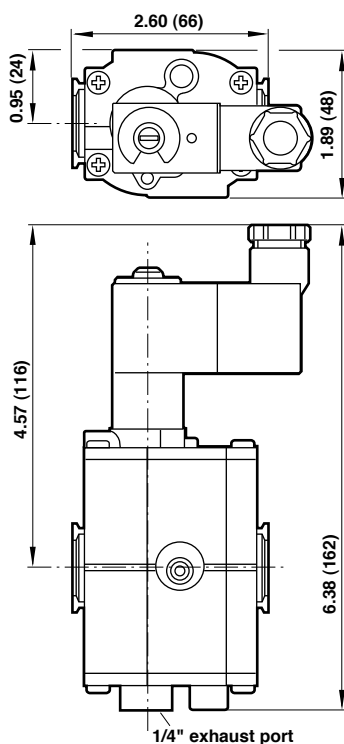
Accessories

	Exhaust port silencer	Quikmount pipe adapters (quantity of 1)	Quikclamp® (quantity of 1)	Quikclamp® and wall bracket (quantity of 1)	Plug with cable gland for 22 mm solenoid		
							
	Indicator type	No Indicator					
P72F	MB002A	4215-02 (1/4) 4215-03 (3/8)	4214-51	4214-52	54934-08*	12 ... 24 VAC/DC	Indicator type
					54934-02	110/120 VAC	Indicator type
					54934-01		No indicator
P74F	MB004A	4315-02 (3/8) 4215-03 (1/2) 4315-04 (3/4)	4314-51	4314-52	54934-08*	12 ... 24 VAC/DC	Indicator type
					54934-02	110/120 VAC	Indicator type
					54934-01		No indicator

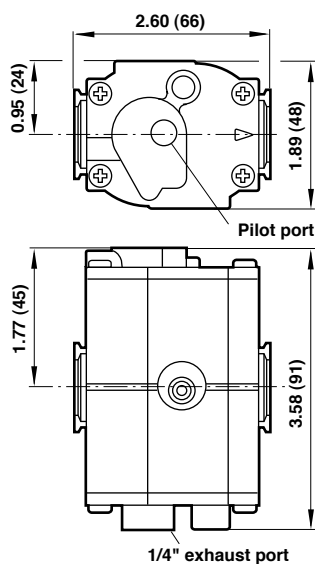
*Reduced light intensity at 12V.

P72F

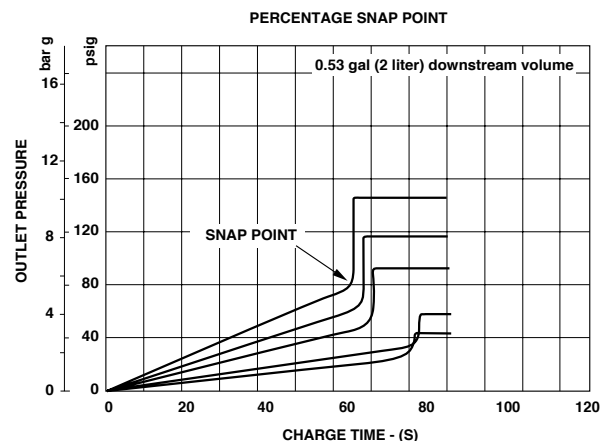
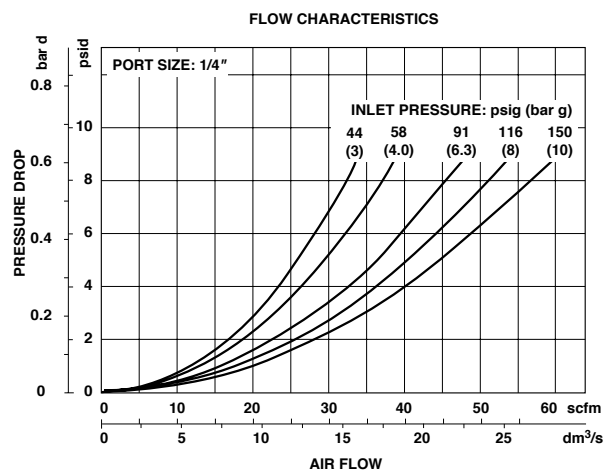
Solenoid operated



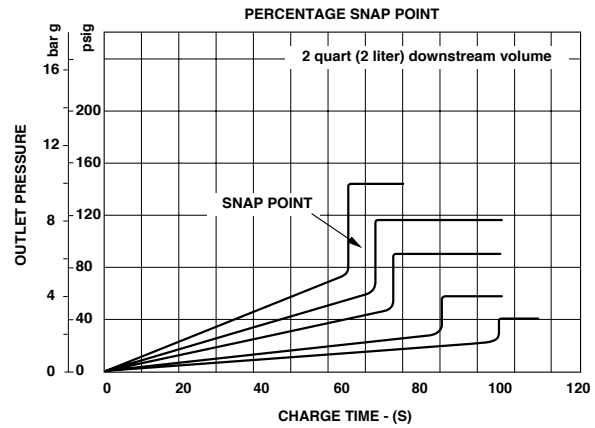
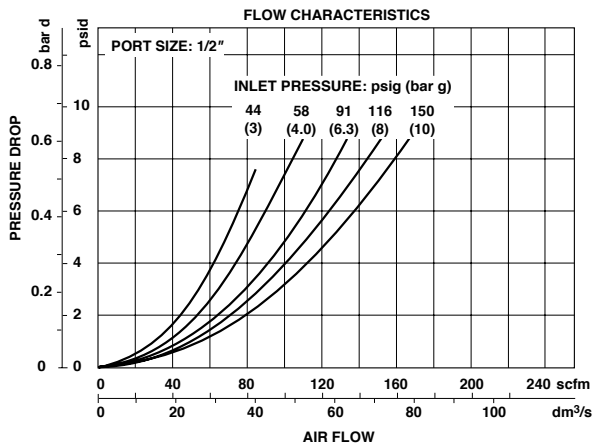
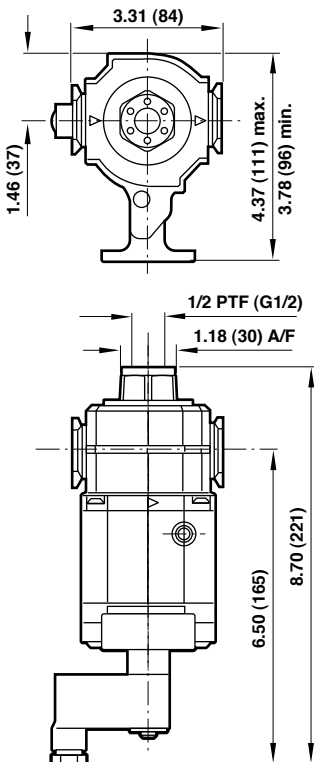
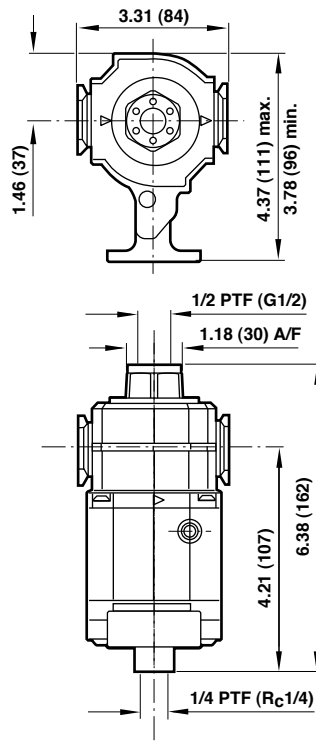
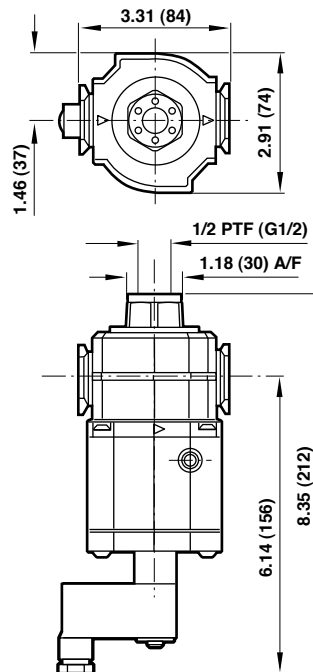
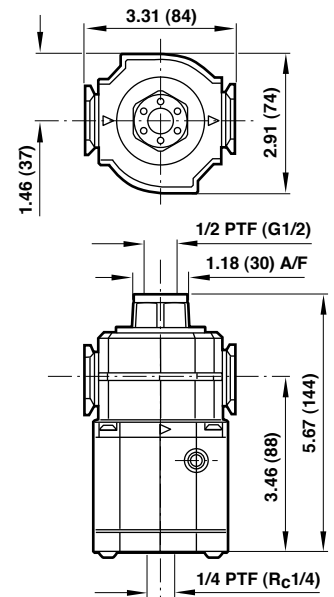
Solenoid operated



P72F Typical performance characteristics



Dimensions in inches (mm)

P74F Typical performance characteristics

P74F
**Solenoid operated plus
manual shut-off
with lockout**

**Air pilot operated plus
manual shut-off
with lockout**

Solenoid operated

Air pilot operated


Dimensions in inches (mm)