

Alloy Valves and Control



FEATURES

- ▣ Micro seat finish to ensure no reduced pressure creep
- ▣ Diaphragm operation
- ▣ Relieving style standard
- ▣ Three position non-rising adjustment knob; push to lock, pull to adjust, detach to make tamper resistant
- ▣ Easily panel mounted
- ▣ Tamper-proof cap included
- ▣ 20 micron filter

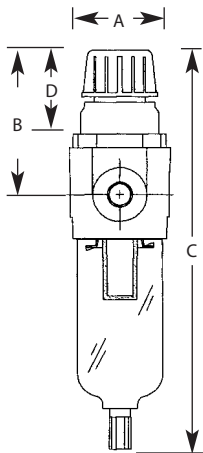
OPTIONS

add suffix to part number in alpha and numeric order

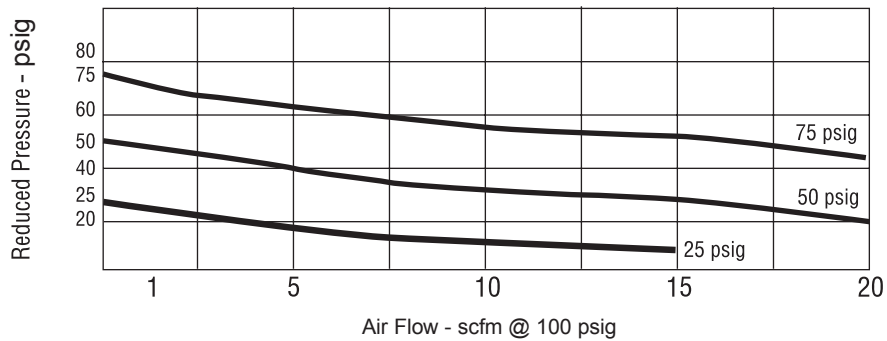
- B 2-Position Mechanical Lockout Knob B742 B
- G Gauge (0-160 psi) B742 G
- I Instrument pressure B742 I
3 to 20 psi Adjustment
- J Overnight drain plastic bowl. . B742 J
- K Overnight drain metal bowl . . . B742 K
- L Low pressure B742 L
3 to 60 psi adjustment
- M Metal bowl B742 M
- N Non-relieving B742 N
- P Panel mount B742 P
- Z Piston drain B742 Z
- 5 5 Micron element B742 5

SPECIFICATIONS

- Body
 - ▣ Zinc, black coated
- Bonnet
 - ▣ Glass filled nylon
- Polycarbonate Bowl
 - ▣ Max. pressure 150 psig
 - ▣ Operating temperature range 40°F to 125°F
- Metal Bowl aluminum
 - ▣ Max. pressure 250 psig
 - ▣ Operating temperature range 40°F to 175°F
- Piston Drain metal
 - Note: limits bowl temperature and pressure rating
 - ▣ Max. pressure 150 psig
 - ▣ Operating temperature range 40°F to 175°F
- Body nickel plated zinc
- Baffle plastic
- Seals Buna N
- Elements
 - ▣ 20 micron sintered bronze
 - ▣ 5 micron sintered bronze



PERFORMANCE CHARACTERISTICS



DIMENSIONS

PIPE SIZE	MODEL NO.	MAX. FLOW SCFM	BOWL CAPACITY	DIMENSIONS (INCHES)				WEIGHT (LBS.)
				A	B	C	D	
1/8"	B741	20	1 oz.	1 5/8	2 3/16	6 1/4	1 1/4	.6
1/4"	B742	20	1 oz.	1 5/8	2 3/16	6 1/4	1 1/4	.6

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FEATURES

- ⊗ 40 micron element
- ⊗ Manual drain
- ⊗ Relieving regulator
- ⊗ Zero creep, machined brass valve seat
- ⊗ 3-position, non-rising adjustment knob
- ⊗ Tamper-proof cap included

OPTIONS

add suffix to part number in alpha and numeric order

- F Internal float drain B752 F
- G Gauge B752 G
- H High pressure B752 H
10 to 250 psi adjustment
- I Instrument pressure B752 I
3 to 20 psi adjustment
- J Overnight drain plastic bowl B752 J
- K Overnight drain metal bowl . B752 K
- L Low pressure B752 L
3 to 60 psi adjustment
- M 6 oz. metal bowl without sight B752 M
- P Panel mount B752 P
- T Tee handle adjustment B752 T
- W 6 oz. metal bowl with sight. . . B752 W
- 5 5 micron element B752-5
- 3 3 micron element B752-3

SPECIFICATIONS

WARNING! Polycarbonate plastic bowls could rupture if exposed to incompatible chemicals whether inside or outside the bowl. If such chemicals are present, use a metal bowl.

Body

- ⊗ Black coated aluminum

Bonnet

- ⊗ Glass filled nylon

Seals

- ⊗ Buna N Elastomer standard

Polycarbonate Bowl

- ⊗ Max. pressure 150 psi
- ⊗ Operating temperature range 40°F to 125°F

Metal Bowl

- ⊗ Zinc, black epoxy coated
- ⊗ Max. pressure 200 psi
- ⊗ Operating temperature range 40°F to 175°F

Metal Bowl with Sight Gauge

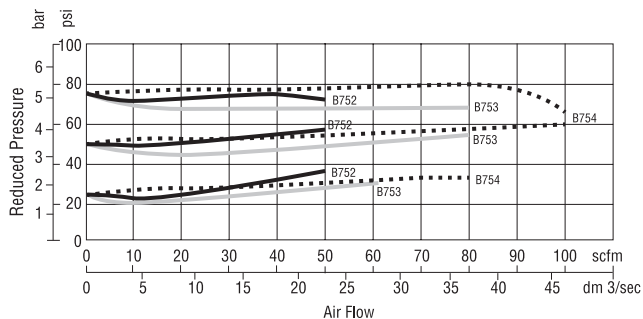
- ⊗ Max. pressure 250 psi
- ⊗ Operating temperature range 40°F to 175°F

Internal Float Drain

plastic, metal, brass, Buna N seal
Note: limits bowl temperature and pressure rating

- ⊗ Operating pressure range 30 to 175 psi
- ⊗ Operating temperature range 40°F to 125°F

PERFORMANCE CHARACTERISTICS



DIMENSIONS

PIPE SIZE	MODEL NO.	MAX. FLOW SCFM	BOWL CAPACITY	DIMENSIONS (INCHES)					WEIGHT (LBS.)
				A	B	C	D	E	
1/4"	B752	50	5 oz.	2 ¹ / ₃₂	4 ⁵ / ₃₂	9 ³ / ₄	2 ¹ / ₄	2 ³ / ₄	1.75
3/8"	B753	80	5 oz.	2 ¹ / ₃₂	4 ⁵ / ₃₂	9 ³ / ₄	2 ¹ / ₄	2 ³ / ₄	1.75
1/2"	B754	100	5 oz.	2 ¹ / ₃₂	4 ⁵ / ₃₂	9 ³ / ₄	2 ¹ / ₄	2 ³ / ₄	1.75

