

# Miniature Integral Filter/Regulators

**B74**



## 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 . . . . . B742B
- G** Gauge (0-160 psi) . . . . . B742G
- I** Instrument pressure . . . . . B742I  
0 to 20 psi Adjustment
- J** Overnight drain plastic bowl . . . B742J
- K** Overnight drain metal bowl . . . B742K
- L** Low pressure . . . . . B742L  
0 to 60 psi adjustment
- M** Metal bowl . . . . . B742M
- N** Non-relieving . . . . . B742N
- P** Panel mount . . . . . B742P
- Z** Piston drain . . . . . B742Z
- 5** 5 Micron element . . . . . B7425

## SPECIFICATIONS

### Body

- Machined aluminum

### Bonnet

- Glass filled nylon

### Polycarbonate Bowl

- Max. pressure 150 psig
- Operating temperature range 40°F to 120°F

### Metal Bowl aluminum

- Max. pressure 250 psig
- Operating temperature range 40°F to 200°F

### Piston Drain metal

Note: limits bowl temperature and pressure rating

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

### Body nickel plated zinc

### Baffle plastic

### Seals Buna N

### Elements

- 20 micron sintered bronze
- 5 micron sintered bronze

## KITS

### Bowl Kits

- Polycarbonate bowl . . . . . BKF300
- Metal bowl . . . . . BKF300M

### Element Kit

- 20 micron element 2-pack . . . . . EKF300
- Regulator bonnet repair . . . . . RB260

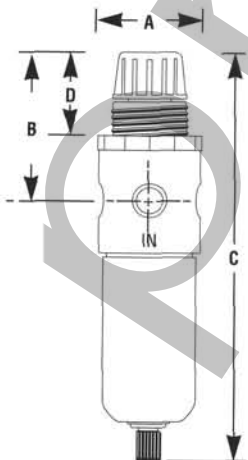
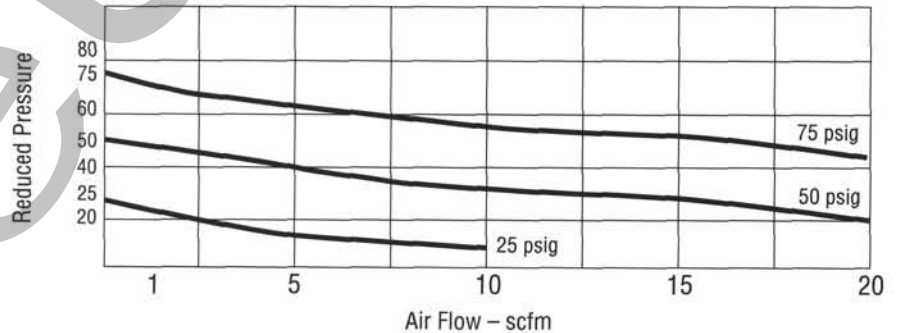
### Diaphragm Kit

- Relieving diaphragm . . . . . RK260

### Mounting Kits see page 60

- Mounting bracket and ring . . . . . BR1611
- Mounting bracket ring only . . . . . PK1611

## 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 1/2	2 1/8	6 3/16	1 1/4	.5
1/4"	B742	20	1 oz.	1 1/2	2 1/8	6 3/16	1 1/4	.5

# Tri•Star Integral Filter/Regulators

# B75



## 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. Refer to page 63 for details.

### Body

- Die cast 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 250 psi
- Operating temperature range 40°F to 200°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

## KITS

- Internal float drain . . . . . 5200

### Bowl Kits

- Polycarbonate . . . . . BKF35
- Metal . . . . . BKF45M
- Metal with sight . . . . . BKF45W

### Element Kits

- 40 micron 2-pack . . . . . EK35
- 5 micron 2-pack . . . . . EK35-5
- 3 micron absolute 2-pack . . . . . EK35-3

### Diaphragm Kits

- Relieving . . . . . DK35

### Mounting Kits see page 60

- Mounting bracket . . . . . RBK5
- Panel mount nut . . . . . PKR35

## FEATURES

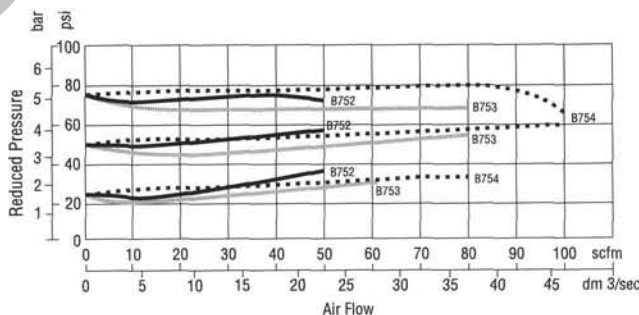
- 40 micron element
- Manual drain
- Relieving regulator
- Zero creep, machined brass valve seat
- 3-position, non-rising adjustment knob
- Tamper-proof cap included

## OPTIONS

add suffix to part number in alpha and numeric order

- F Internal float drain . . . . . B752F
- G Gauge . . . . . B752G
- H High pressure . . . . . B752H  
0 to 250 psi adjustment
- I Instrument pressure . . . . . B752I  
0 to 20 psi adjustment
- J Overnight drain plastic bowl B752J
- K Overnight drain metal bowl . B752KM
- L Low pressure . . . . . B752L  
0 to 60 psi adjustment
- M 6 oz. metal bowl without sight . B752M
- P Panel mount . . . . . B752P
- T Tee handle adjustment . . . . . B752T
- W 6 oz. metal bowl with sight . . . B752W
- 5 5 micron element . . . . . B752-5
- 3 3 micron element . . . . . B752-3

## 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 <sup>21</sup> / <sub>32</sub>	4 <sup>5</sup> / <sub>32</sub>	9 <sup>9</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	1.75
3/8"	B753	80	5 oz.	2 <sup>21</sup> / <sub>32</sub>	4 <sup>5</sup> / <sub>32</sub>	9 <sup>9</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	1.75
1/2"	B754	100	5 oz.	2 <sup>21</sup> / <sub>32</sub>	4 <sup>5</sup> / <sub>32</sub>	9 <sup>9</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	1.75

