

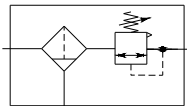
AIR LINE INTEGRAL FILTER-REGULATOR

MIDI SERIES

SERVICE :- AIR / WATER

Filter-Regulator Combinations

- High flow capacity
- High performance over wide flow range
- Compact in size, suitable for OEM application
- Two stage air cleaning action
 - 1) Cyclonic separation
 - 2) Depth style filter element



Technical Data

Material Specification

Body	Diecast Zinc
Plastic Bowl	Polycarbonate
Metal Bowl	Diecast Zinc
Element	Porous Material
Spring Cage	Diecast Aluminium
Diaphragm And Seat	Buna - N
Spring	Pressure Valve
	Spring Steel Zn Plated
	St. Steel

Standard Features

Diaphragm	Relieving
Pressure Range	0 - 9 Kg/cm ²
Gauge ports	Two (G1/4)
Element Rating	25 Micron
Drain	Manual
Drain Capacity	45 ml
Adjusting Screw	Tee

Ordering Reference

SIZES	FLOW	MODEL	
		Poly. Bowl	Metal Bowl
G1/4	35 SCFM	B13-023	B12-023
G3/8	55 SCFM	B13-033	B12-033
G1/2	90 SCFM	B13-043	B12-043

Typical flow rate at 7 Kg/cm² (100 psig) with 1 Kg/cm² (14.7 psig) Δ p

Service Kits

Service Kit	Relieving	DC-OR
	Non Relieving	DC-ONR
Element Kit 25 Micron	Plastic	DFC-347A
	Sintered Bronze	DFC-347A-SB
Bowl Replacement Kit	Plastic	DFC-01HA
	Metal	DFLC-01MA
Diaphragm Assy. Kit	Relieving	DRC-04R
	Non Relieving	DRC-04 NR

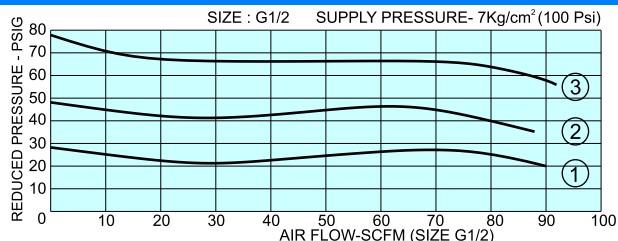
Reduced Pressure Range

Available in four reduced pressure ranges suffix.

1. for 0-2 kg/cm²
2. for 0-4 kg/cm²
- * 3. for 0-9 kg/cm²
4. for 0-15 kg/cm²

* Unless otherwise specified, 0-9 Kg/cm² (0-125 PSI) will be supplied.

Flow Curve



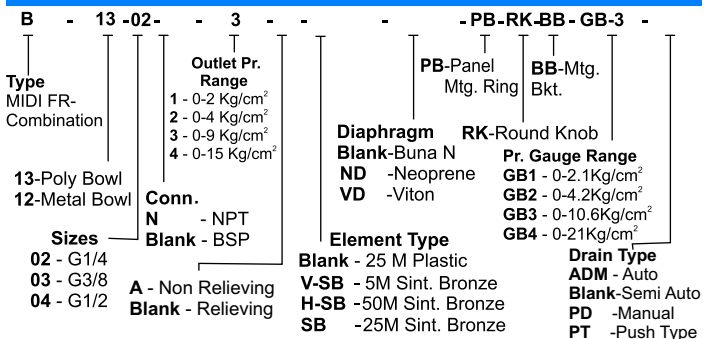
Condition of use

	Polycarbonate Bowl	Metal Bowl
Max. Pressure	12 Kg/cm ²	18 Kg/cm ²
Max. Op. Temperature	50°C	70°C

Accessories & Options

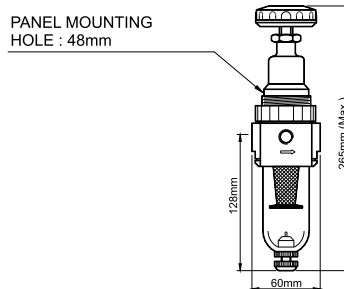
		SUFFIX
Filter Element	5μ Sintered Bronze	V-SB
	50μ Sintered Bronze	H-SB
	25μ Sintered Bronze	SB
Panel Mounting Ring		PB
Mounting Bracket		BB
Non Relieving Regulator		A
Round Knob		RK
Automatic Drain	Poly Bowl	ADM
	Metal Bowl	ADM
Pressure Gauge 55mm Dial G1/4 Back Connection	Range 0 - 2.1 Kg/cm ²	GB-1
	0 - 4.2 Kg/cm ²	GB-2
	0 - 10.6 Kg/cm ²	GB-3
	0 - 21 Kg/cm ²	GB-4

Model Ordering Code Instruction



Dimensions & Weights

SIZES	G1/4	G3/8	G1/2
Poly Bowl	0.755 Kg.	0.745 Kg.	0.725 Kg.
Metal Bowl	0.925 Kg.	0.915 Kg.	0.900 Kg.



MIDI FR COMBINATION CAT.