

Reduce printer back flush pressure,
protect precision components

DAMPERS

REDUCE PRINTER SYSTEM BACK FLUSH PRESSURE, PREVENT DAMAGE TO PRECISION COMPONENTS

Cobetter® Dampers have been widely used in digital inkjet printers. These units can reduce printer system back flush pressure when printers operate in positive pressure. They can also prevent recycled ink from damaging precision printer components. The damper itself has enough volume that it can be used as a foam breaker for reserve inks and effectively protect electron magnetic valves.



FEATURE

BENEFIT

Available in a variety of sizes	Multiple capacities are available to match the needs of specific printer systems
Thermal welding technology	No adhesive resins to ensure capsule's cleanliness and long-use pressure endurance.
Quality assurance	These products are manufactured in a facility which adheres to ISO 9001 Practices.

SPECIFICATIONS

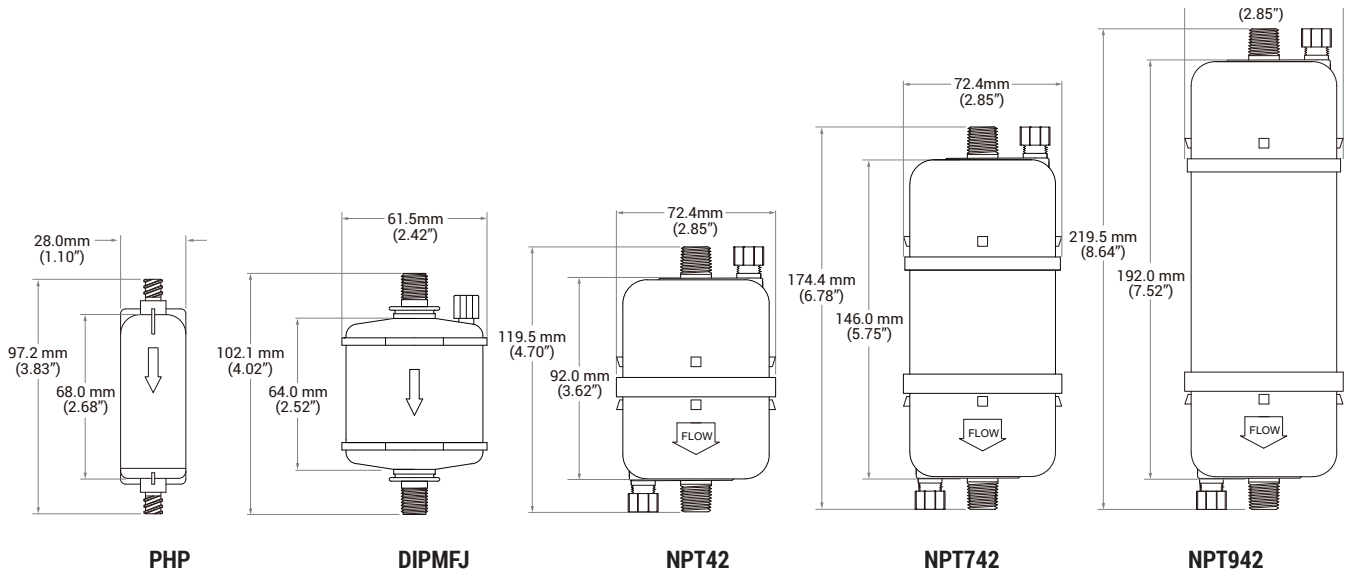
Cage/Core/Shell/End Cap	Polypropylene
Hold-up volume	25, 150, 300, 500, and 750 mL
Max. allowable temperature	50°C (120°C)
Max. allowable pressure	0.7 MPa (7.0 bar, 101 psi) at 20°C

Typical Applications

System protection:

- Foam Breaker
- Reduce Back Flush Pressure
- Printer Component Protection

DIMENSIONS



	PHP	DIPMFJ	NPT42	NPT742	NPT942
Inlet/Outlet	Luer Lock	1/4" Jaco-compatible	1/4" NPT	1/4" NPT	1/4" NPT
Vent/Drain	-	Luer Lock	1/8" NPT	1/8" NPT	1/8" NPT
Volume	25 mL	150 mL	300 mL	500 mL	750 mL

ORDERING INFORMATION

EXAMPLE: **NPT42C** = 300 mL holdup volume with 1/4" NPT inlet/outlet fittings, and 1/8" vent and drain fittings



Filter Volume

PHP = 25 mL, Luer Lock I/O

DIPMFJ = 150 mL, 1/4" Jaco-compatible I/O, Luer Lock Vent or Drain

NPT42 = 300 mL, 1/4" NPT I/O, 1/8" Vent/Drain

NPT742 = 500 mL, 1/4" NPT I/O, 1/8" Vent/Drain

NPT942 = 750 mL, 1/4" NPT I/O, 1/8" Vent/Drain



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