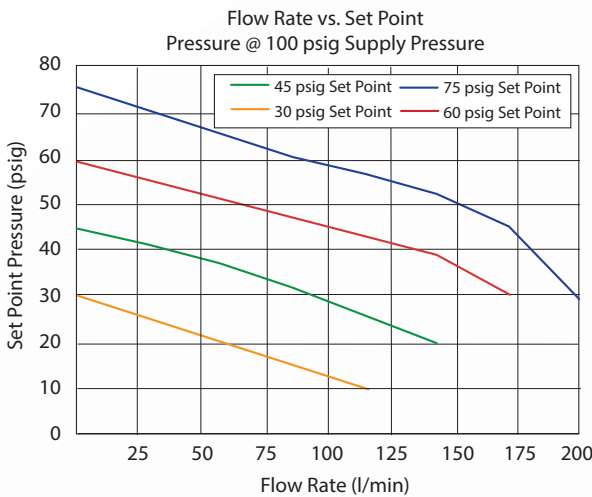


PRESSURE REGULATORS

DR-2 PRECISION REGULATORS



- Designed for applications where zero air consumption is required (non-bleed)
- Exceptional accuracy and repeatability
- Excellent corrosion resistance
- Relieving and non-relieving designs
- Manifold mount option
- Features non-rising internal adjustment



When Clippard invented miniature regulators in 1962, the MAR series (p. 126) became very popular as a simple, robust, cost-effective regulator with exceptionally long life. Today, the new DR-2 series maintains this same flow, performance, and durability while providing greater accuracy and repeatability in a sleek, compact package.

Regulators are offered in either relieving or non-relieving versions. The relieving design maintains a constant pressure output even when downstream conditions change, while non-relieving regulators do not automatically compensate for changes in downstream flow or pressure. There is no vent to atmosphere, as in a relieving type regulator, and the output pressure can increase due to a downstream event. Non-relieving versions can also accommodate compatible liquid applications.

| | |
|------------------------------|---|
| Medium | Relieving: Air Non-Relieving: Air, water, or oil |
| Input Pressure | 300 psig max. |
| Repeatability | ±0.1 psi typical (±0.15 psi max.) |
| Set Point Sensitivity | 0.1 psi |
| Set Point Stability | 0.1 psi |
| Temperature Range | 32 to 230°F |
| Mounting | #15/32-32 thread; nuts & lockwashers furnished |
| Material | Electroless nickel plated brass body, FKM seals, PFPE lube, stainless steel adjustment screw and spring |
| Adjustment | An extended 0.25" shaft accepts an adjustment knob or furnished with an exposed screwdriver slot with micro-adjustment (32 pitch thread). Knobs ordered separately (#AK4-A) |
| More Details | clippard.com/link/dr2 |

Not recommended for applications where accurate dead-end, no flow is required.

ORDERING INFORMATION

Example Part Number:

DR-2BP-5

Consult Clippard for special configurations, preset options, or metric versions.

| Inlet | Outlet |
|---------------|-----------------|
| #10-32 Female | #10-32 Female |
| 1/8" NPT Male | #10-32 Female |
| #10-32 Male | Manifold |
| Cartridge | Cartridge |
| 1/8" NPT Male | 1/8" NPT Female |

Base Part No.

DR-2
DR-2P
DR-2M
DR-2C
DR-2BP



Type

(blank) Relieving
NR Non-Relieving

Max. Pressure Range

(blank) 2 - 100 psig
1 0.5 - 10 psig
5 1 - 50 psig