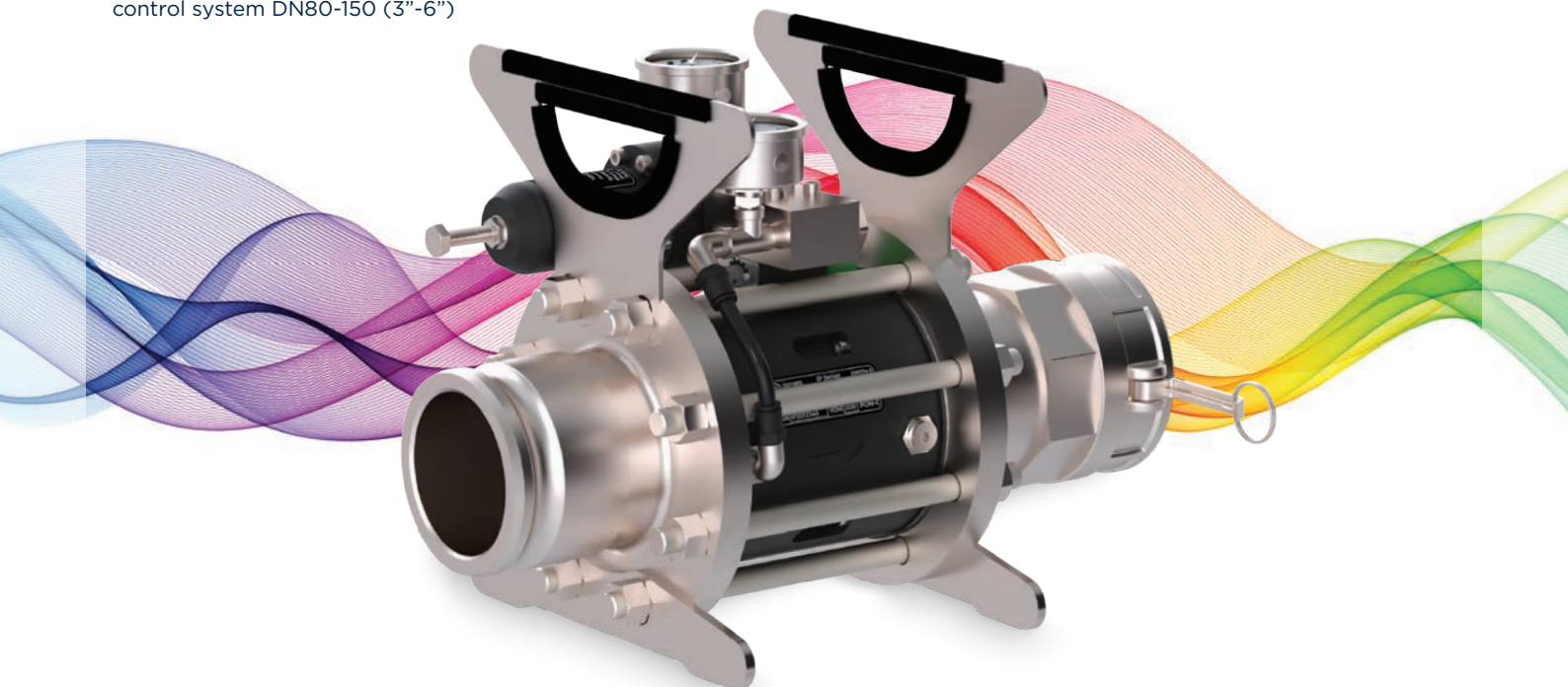


# IntroFlo

## Portable Regulator

### MODEL: IP-K-POLYMER

High performance, portable pressure control system DN80-150 (3"-6")



### PRODUCT OVERVIEW

IntroFlo's IP-K range of lightweight pressure-reducing valves (PRVs) is designed for mobile hydrant service. The integrated handles, feet, and quick-fit connections enabled rapid installation. Built from POM-C Acetal (WRAS & NSF approved), all regulators weigh less than 25kg, under the single-person manual handling limit.

Our IP-K range utilises our IP Series PRV technology. Operators can quickly and accurately control pressure from hydrants into more sensitive systems.

### FEATURES AND BENEFITS

- Quick connection.
- Lightweight and compact.
- Corrosion-proof construction.
- Minimal maintenance.
- Low cost of ownership.
- Standard quick connection hose couplings<sup>2</sup>.
- Optional high-level control system filtration.

### APPLICATIONS

Max. inlet pressure	252 psi/16 bar <sup>1</sup>
Outlet pressure range	0-218 psi/0-15 bar
Temperature range	0-60°C/32 to 131°F
Min. head loss	Down to 0.1 bar/1.4 psi

Highly portable for fast connection to hydrant supply. Not for use as a safety device.

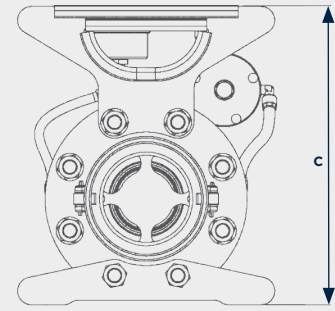
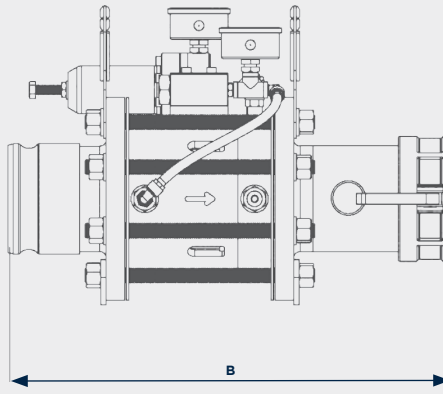
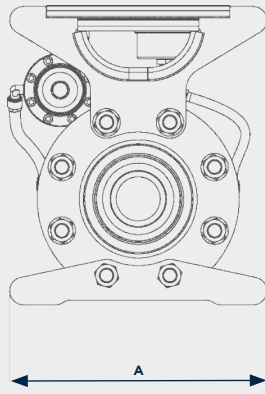
<sup>1</sup> Higher inlet pressure solutions available, please contact IntroFlo for details.

<sup>2</sup> Pressure limited by flange adaptor couplings.

### PERFORMANCE AND SIZING

IP-K SERIES	C <sub>v</sub>	K <sub>v</sub>
3"/DN080	98	85
4"/DN100	176	152
6"/DN150	392	339

IP-K PRV's are available in DN80-DN150 (3"-6") in classes 150-600 as above.



Example construction.

### KEY DIMENSIONS (mm/in)

NOMINAL DIAMETER	DIAMETER (A)	LENGTH (B)	HEIGHT (C)	WEIGHT (kg/lb)
3"/DN080	300mm/12.0"	370mm/14.6"	310mm/12.2"	13/28.6
4"/DN100	280mm/11.2"	480mm/18.9"	320mm/12.6"	18/39.6
6"/DN150	340mm/13.4"	535mm/21.0"	375mm/14.8"	23.5/51.0

### SIMPLE INSTALLATION



Example construction.

### CONSTRUCTION MATERIALS

COMPONENTS	MATERIALS
Body and actuator	POM-C Acetal (WRAS & NSF approved)
Seat material	WRAS approved EPDM
Trim and fittings	Stainless steel 316 + Aluminium
O Ring seals	WRAS approved EPDM
Pilot	POM-C Acetal (WRAS & NSF approved) + Stainless steel 316



Reimagining valve technology together:



**DISCLAIMER**  
 Details of products may vary. IntroFlo does not guarantee or warrant the availability of the models described in this Product Sheet or the accuracy or completeness of the details provided. The contents of this Product Sheet shall not form the basis of any contract or representation. Please refer to the relevant Product Data Sheet for technical details of our products.



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