



FLOW CONTROL VALVES



These combination needle and check valve flow controls are typically used to control air flow from air cylinders, thereby controlling the speed at which

the piston strokes, either while extending or retracting, depending on their location in the circuit.

J-Series Flow Control Valves allow free flow in one direction. In the opposite direction the flow is metered by the needle valve.

Models listed in the chart have either a 1/4" NPT (JFC-4) or 3/8" NPT (JFC-5) male threaded outlets, recessed screwdriver slot (R) or knurled knob (K) flow adjustment needles and female NPT or push-to-connect tubing (Push-Quick) inlets. The P08 models features a 1/4" Push-Quick fitting, and the P12 versions have a 3/8" Push-Quick fitting.

Medium: Air, Water or Oil

Material: Electroless nickel plated brass needle and stem, anodized aluminum body, Buna-N seals

Input Pressure: 150 psig max.

Air Flow: JFC-4: 45 scfm @ 100 psig adjustable
JFC-5: 60 scfm @ 100 psig adjustable

Mounting: Directly into cylinder. Panel or in-line.

Ports: Rotating input port allows 360° positioning 1/8" NPT

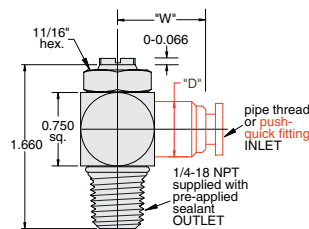
Adjustment: Recessed slotted needle or knurled knob

| Part # | "D" | "W" |
|-------------------------|--------|--------|
| JFC-4K & JFC-4R | 0.710" | 0.890" |
| JFC-4K-P08 & JFC-4R-P08 | 0.562" | 0.890" |
| JFC-4K-P12 & JFC-4R-P12 | 0.710" | 1.062" |
| JFC-5K & JFC-5R | 0.827" | 1.125" |
| JFC-5K-P12 & JFC-5R-P12 | 0.750" | 1.124" |

1/4" NPT Valves, Recessed Needle



(JFC-4R shown)

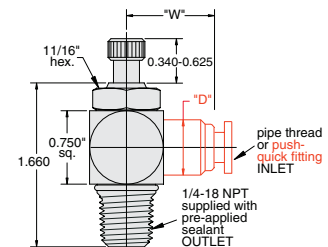


| Part No. | Description |
|----------------------------|--|
| JFC-4R | Meter Out Control Valve, 1/4" NPT |
| JFC-4R-P08 | Meter Out Control Valve, 1/4" Push-Quick Fitting |
| JFC-4R-P12 | Meter Out Control Valve, 3/8" Push-Quick Fitting |

1/4" NPT Valves, Adjusting Knob



(JFC-4K shown)

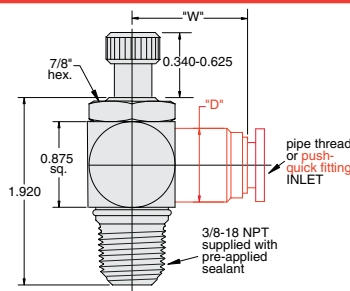


| Part No. | Description |
|----------------------------|--|
| JFC-4K | Meter Out Control Valve, 1/4" NPT |
| JFC-4K-P08 | Meter Out Control Valve, 1/4" Push-Quick Fitting |
| JFC-4K-P12 | Meter Out Control Valve, 3/8" Push-Quick Fitting |

3/8" NPT Valves, Adjusting Knob



(JFC-5K-P12 shown)

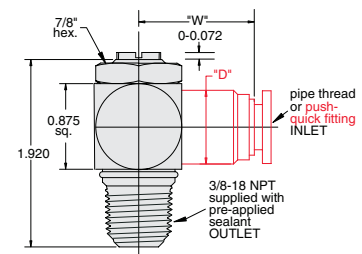


| Part No. | Description |
|----------------------------|--|
| JFC-5K | Meter Out Control Valve, 3/8" NPT |
| JFC-5K-P12 | Meter Out Control Valve, 3/8" Push-Quick Fitting |

3/8" NPT Valves, Recessed Needle



(JFC-5R-P12 shown)



| Part No. | Description |
|----------------------------|--|
| JFC-5R | Meter Out Control Valve, 3/8" NPT |
| JFC-5R-P12 | Meter Out Control Valve, 3/8" Push-Quick Fitting |