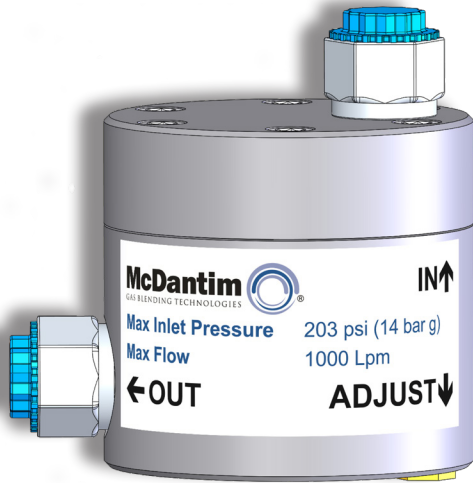


# Flow Control Valve

## FCV1000



The unique design of the valve is such that, provided the supply gas pressure remains constant, a consistently accurate flow of gas can be maintained when the downstream pressure changes. A typical example would be when filling a large buffer tank or a pipe work system, especially from a Nitrogen separation system.

- Ensure all connecting pipe work is free from debris before installing valve
- Mount using the holes provided in the unit if not connected to rigid pipe work
- Do not attempt to dismantle this valve - specialist tooling is required for safe disassembly and reassembly
- **This valve is not suitable for use with O2 concentrations greater than 25%**

General Details		Design Details	
Product Name	Flow Control Valve	Dimensions	3.15" Diameter (80 mm)
Part Number	FCV1000	Weight	3 lbs (1.4 kg)
Gases Suitable	Inert Gases, O2 <25%	Connections	1/2" BSPP & NPT
Flow Capabilities	2120 cfh (1000 lpm)	Gas Inlet Pressure	72-203 psig (5-14 bar g)
Manufacturer	McDantim, Inc.	Max Outlet Pressure	Inlet Gas less 15 psig (1 bar g)
Telephone	406-442-5153	Design Pressure	217 psig (15 bar g)
Email	info@mcdantim.com	Temperature Range	14° to 122° F (-10° to 50° C)

Main Features & Benefits	
Aluminum Body	Lightweight & Robust Construction
Simple to Set Up & Install	Built-In Flow Adjuster & Pressure Balance System
Standard Inlet & Outlet Connections	Accurate and Constant Flow of Gas
Cost Effective & Low Maintenance	

