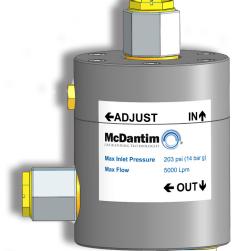
## Flow Control Valve FCV5000



GAS BLENDING TECHNOLOGIES

The unique design of the valve is such that, provided the supply gas pressure remains constant, a consistenly 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.

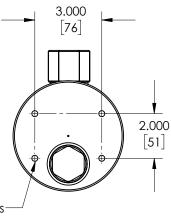
- Ensure all connecting pipe work is free from debris before installing valve
- Mount using the holes provided in the unit if not connected to rigid pipe work
- Do not attempt to dismantle this valve specialist tooling is required for safe disassembly and reassembly
- This valve is not suitable for use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

General Details		Design Details	
Product Name	Flow Control Valve	Dimensions	4.7" Diameter (120 mm)
Part Number	FCV5000	Weight	11.5 lbs (5.2 kg)
Gases Suitable	Inert Gases, O2 <25%	Connections	1" BSPP & NPT
Flow Capabilites	10600 cfh (5000 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		

1" NPT Inlet Flow Adjustment 3/16" Hex 5.892 7.388 150 188 1" NPT Outlet 4 x M8 Mounting Holes Ø4.950 Alternate Outlet 126 Plugged 6.309 160



Updated 06/05/2018