

MicroAir Specifications

Ultra Low Air Pressure Regulators and Controllers

On Line Controls, Inc.
www.onlinecontrols.com

Series	Model	Range/Max Output	Power Inputs	Control Inputs	Functionality	Options	Case Dimensions H x W x D
MicroAir I	MAI	0-2 in wc/ 5 SCFH 0-3 in wc/ 6 SCFH 0-5 in wc/ 11 SCFH 0-10 in wc/20 SCFH 0-15 in wc/ 25 SCFH 0-30 in wc/40 SCFH 0-2 psi/55 SCFH 0-3 psi/ 70 SCFH 0-5 psi/90 SCFH Additional ranges quoted upon request MAX 5 psi (in wc = inch of water column; SCFH= Standard Cubic Feet per hour)	110/220 VAC 50/60 Hz Selectable 3 conductor grounded IDC power cord (supplied)	N/A 3 Internal screw terminals Up / Down /Gnd Up/Down Inputs Open: Inactive Close to Gnd: Active 2 Internal screw terminals +/- +Input Analog Control 0 to 10 VDC Dual State Control Close to - or 0 to +1 VDC: High Open or +4 to +24 VDC: Low	30 turn manual *Up/Down Manual control push buttons *Motorized Up/Down remote control ready for solid state or mechanical relays *10 turn manual control potentiometer * Hi speed motorized Up/Down remote control ready for 0-10 VDC signal * Hi speed motorized dual pressure remote switching	N/A *Additional (LED) pressure readout *1-6 VDC pressure output *4-20 ma pressure output	12" x 10" x 6"
Dual MicroAir I	DMAI						16.5" x 10.5" x 6"
MultiAir 3-channel MicroAir I	MU3MAI						23" x 12" x 6"
MicroAir II	MAII						12" x 10" x 6"
Dual MicroAir II	DMAII						16.5" x 10.5" x 6"
MultiAir 3-channel MicroAir II	MU3MAII						23" x 12" x 6"
MicroAir IV	MAIV						12" x 10" x 6"
Dual MicroAir IV	DMAIV						16" x 12" x 6"
MultiAir 3-channel MicroAir IV	MU3MAIV						22" x 13" x 6"
MultiAir 4-channel MicroAir IV	MU4MAIV						29" x 13" x 6"

- All units include 4 1/2" Magnehelic meter pressure readout.
- All units accept 1/4 male NPT fitting for input and output of air
- MicroAir units (single channel) require 45 psi +/- 10% @ 2.5 SCFM
- Leftside in/ Rightside out (keep clear)
- Dual and MultiAir units require 55 psi +/- 10% @ 2.5 SCFM/ per channel

Mounting

- Vertical mounting is essential
- Four 5/16" diameter holes will accommodate both 1/4 and 5/16 mounting bolts.



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