
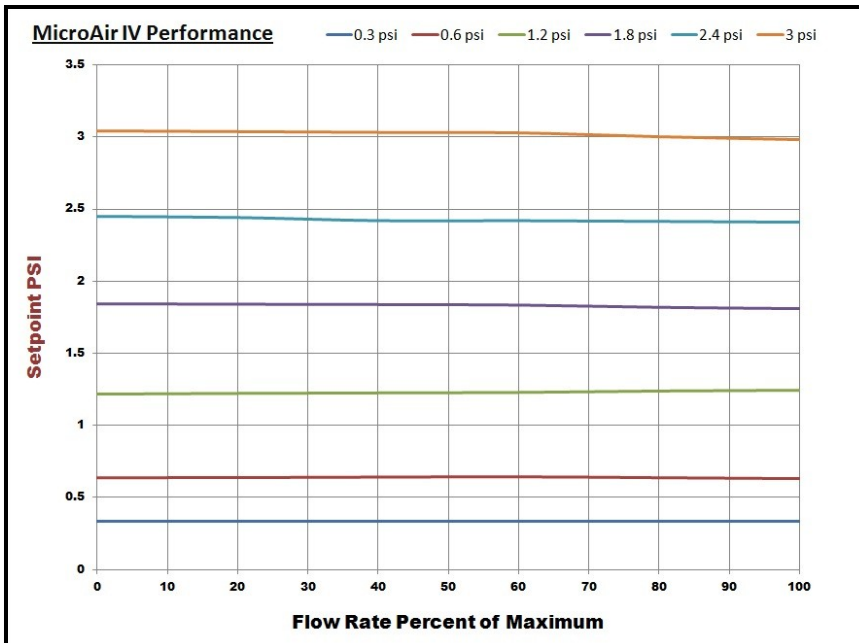
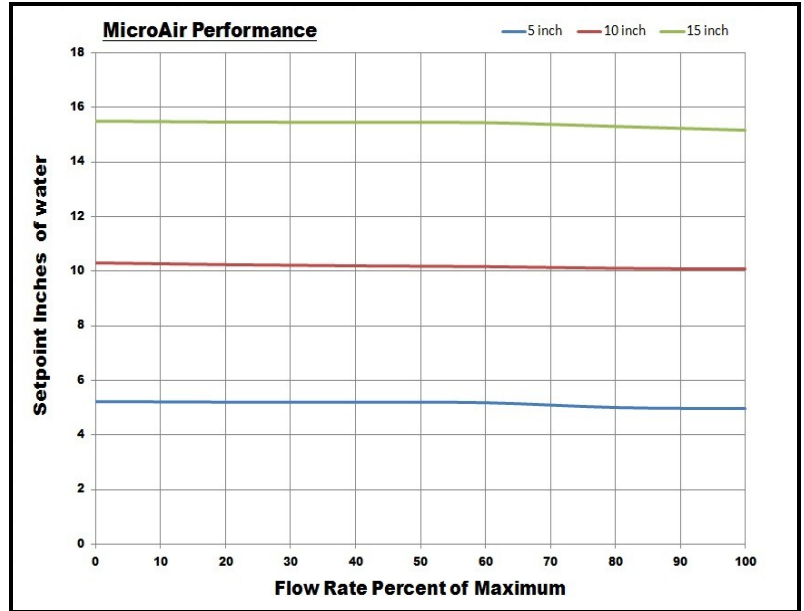


Available Pressure Ranges:	In inches of water: 0-.25, 0-1, 0-2, <b>0-3, 0-5, 0-15, 0-30, 0-50</b> , 0-60, 0-80, 0-100 PSI: <b>0-3 psi and 0-5 psi</b> (max) Also available in mbar, oz per sq. inch, cm w.c; and kPa Note: 1 psi = 27.68 inches of water
Air Connections (IN):	45 psi (+/- 10 psi) for optimum performance of single unit. 55 psi for Dual or MultiAir 1/4 NPT fittings
Power Supply:	110/220 VAC 50/60 Hz All units operate below 50 volts. Protected by a 1/2 amp 250 volt fuse in the input module.
All models are CE certified for sale to European countries.	
NOTE: Precision, repeatability, and stability are most favorable for units with full scale less than 1 psi (0-30" of water). The following specifications are the results of in house off-line testing with a digital precision sensor (accurate to 0.25% of full scale).	
Stability of regulator:	< +/- 0.2% for 30 inches of water and below. < +/- 0.3% for psi
Accuracy:	Flow changes of 50% effect the pressure by less than +/- 0.2% of full scale for low ranges and +/- 0.5% of full scale for higher psi units.
Regulator Pressure Repeatability:	+/- 0.2% of full scale for low ranges. +/- 0.3 % for 3 and 5 psi
Pressure Display Resolution:	Magnehelic meter +/-2% of full scale. Digital Display (option): +/- .1% of full scale below 60" of water (.01" of water) +/- .3% of full scale above 3 psi (.03 psi)
Control Features:	 <p>MicroAir I—manual control only, 10 turn knob MicroAir II—Up/Down Manual control dual speed push buttons 3 internal screw Terminals Up/Down/Gnd (to OD Gauge or wall measurement gauges). Up, Down and limit indicators Optional: Remote Control unit with digital display and push buttons. MicroAir IV—10 turn manual control potentiometer Linear State Control—0-10 Volt Signal input Dual State Control—hi speed motorized remote switching</p>
Damping Oil:	All units come with a bottle of silicone oil for damping with clear ventilated oil cup. Oil does not come in contact with your plant air at any time and does not evaporate.
Output options available:	MicroAir I—n/a MicroAir II—Voltage Outputs (0-5 volt, 1-6 volt or 0-10 volt output) Current Output 4-20 ma MicroAir IV—Voltage Outputs (0-5 volt, 1-6 volt or 0-10 volt output) Current Output 4-20 ma
Mounting of MicroAir	Vertical Mounting required. Four 5/16" diameter holes in a rectangular pattern Door latch allows for padlocking.
Air Flow Input	< 2.5 SCFM per channel (150 SCFH)
Air Flow Output	Varies by Range—see chart

# MicroAir Specifications

Model	Stainless Steel Enclosure
MAI MicroAir I	12" x 10" x 6"
DMAI Dual MicroAir I	16" x 10" x 6"
MU3MAI 3-Channel MicroAir I	20" x 10" x 6"
MA II MicroAir II	12" x 10" x 6"
DMAII Dual MicroAir II	15" x 10" x 6"
MU3MAII MultiAir 3-channel MicroAir II	21" x 12" x 6"
MA-RD Remote for MicroAir II	8" x 5" x 2"
MAIV MicroAir IV	12" x 10" x 6"
DMAIV Dual MicroAir IV	15" x 10" x 6"
MU3MAIV MultiAir 3-channel MicroAir IV	22" x 10" x 6"
MU4MAIV MultiAir 4-channel MicroAir IV	28" x 10" x 6"



RANGES for Air Output (Inch wc = inch of water column)	Max Output Flow Rate SCFH = Standard Cubic Feet per hour
2 inch wc	5 SCFH
5 inch wc	11 SCFH
15 inch wc	25 SCFH
30 inch wc	40 SCFH
3 psi	70 SCFH
5 psi	90 SCFH
Other pressure readouts/ranges available	

## PRESSURE GRAPHS:

Changes in supply pressure from 45 to 80 psi will result in a variance of less than .3% of full scale on 3 and 5 psi units and less than .2% of full scale on units below 30" of water.



Pressure vs Maximum Flow

