

# MAX-AIR 90 Std/AUTO E1 (1ph) & E3 (3ph) ELECTRIC 5000 psi 10.8 scfm

*Stationary, Fully Automatic,  
High pressure, breathing  
air compressor for  
SCUBA, SCBA and  
Paintball Fields. An  
economic, durable and  
efficient package.*

This fully automatic model Max-Air 90 Std/Auto has all the standard features of the Max-Air 90 Std plus; #CD-1000 automatic condensate drains; #AS-1001 automatic start and stop pressure switch; #MS-3001 magnetic starter, thermal overload, fused transformer, hour meter all UL listed installation and components. Will refill your cascade or cylinder automatically and stop when the cylinder capacity is reached, while draining the condensate during the fill time. Drains periodically and on shut down, so no moisture will remain in the system while not in use and will restart without load on the motor.



## FULLY AUTOMATIC ON-OFF-DRAIN

**Charging rate 10.8 SCFM\*\*; 9.0 F.A.D.  
(Fill time for 80 cu. ft. cyl 7.5 min\*)  
Will fill SCBA's to 4500 psi**

Breathing air quality  
meets or exceeds:  
NFPA 1500  
CGA "E"  
EN 12021  
ISO 9001 : 2000  
REGISTERED FIRM

### Standard features included in base price:

- Max-Air 90 Standard Automatic– 10.8 scfm\*\* 5000 psi
- **7.5 HP U.S. made electric motor in single or three phase, 60 Hz** (50 Hz and various voltage available )
- **MS-3001 magnetic starter, thermal overload, fused transformer, hour meter all UL listed installation and components**
- **Mounted on a durable, heavy duty, powder coated steel frame**
- **Adjustable motor/belt tensioning base**
- Tri-chem breathing air purification system with activated carbon/molecular sieve 13X/hopcalite
- Disposable purification cartridge is easy to replace
- Breathing air processing capacity of 10,000 cft @ 72°F or prox 18 hours run time
- New large capacity separators for Hot/Humid climates
- Manual condensate drains in addition to automatic condensate drains
- Pressure maintaining valve
- Pressure relief valve on all stages
- Intake filter
- Final pressure gauge 0~5800 psi/400 bar
- **58 oz (1.7 Lt) MaxLube 501 synthetic compressor oil (1st oil change)**
- (2) filling hose with On/Off valve and Bleed (SCUBA yoke, SCBA, DIN300 or Paintball)
- **6 foot, rigid, two piece intake tube; easy to stow**
- Spare parts list and owner's manual
- One year warranty

### Specifications Pumping Group\*\*\*

- Construction Continuous duty, air cooled, three stage, three cylinder high pressure compressor.
- **ALL STAINLESS STEEL INTERSTAGE AND FINAL STAGE COOLERS.**
- Max. Pressure 5000 psig – 340 bar
- Output Prox. 9.0 F.A.D.; 10.8 scfm charging rate \*\*
- Lubrication Splash lubrication with oil thrower pin
- Oil type MaxLube 501 synthetic compressor oil
- Drive Motor 7.5 HP AC electric motor in single or three phase, 60 Hz
- Refill time Output 10.8 scfm\*\*; 7.5 minutes\*

\*Time required to fill and 80 cu. Ft. cylinder from 500 to 3000 psig

\*\*Based on charging an 80 cu. Ft. cylinder from 500 to 3000 psig

\*\*\*Specifications and prices subject to change without notice

**NOTE:** All Standard "E" models must be hard wired to an On/OFF electrical fused panel by a licensed electrician.

### Factory Options not included in base price:

- IS-1000 Interstage pressure gauges
- MI-4000 Air line visual Moisture/CO indicator for cartridge life
- LO-1005 Low oil shut down switch
- HT-1006 High temperature shut down switch
- PU-35000 Up-grade purification capacity to 35,000 cft @ 72°F or prox 65 hours run time



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Model Max-Air 90Std/AUTO-E1 or Max-Air 90Std/AUTO-E3  
E1 350 lbs/ E3 330 lbs Length 43" x Depth 20" x Height 29"  
Noise level 81 dB at 3 meters

(Weight & Dimensions Prox)