

MAX-AIR 90SE-5000psi

(Single or Three Phase)

This newly upgraded, fully automatic version of the performance proven model Max-Air 90 in an all new enclosure, with easy access door, designed for ease of maintenance and routine system inspection. The most user friendly high pressure breathing air compressor in the world.

The Max-Air 90SE-5000 is a continuous duty unit, capable of filling up to 5000 psi and is cascade compatible. Designed for refilling SCBA's, SCUBA, Industrial and paintball cylinders with breathing air exceeding all world standards.

★ Check out the Max-Air 90SE-5000 standard features and compare:

Standard Features included in base price:

- 5000 psi standard purification #PU-10,000
- Disposable **tri-chem breathing air purification system** with activated carbon, molecular sieve 13X /hopcalite - will process prox **10,000 cft** of grade "E" breathing air at 72°F intake temperature (prox **18 hours of run time** prior to changing filter element)
- Electric 7.5 HP, single phase 208/230 volt AC or three phase 208/230/460 volt AC; available in 60 Hz or 50 Hz
- **Self tensioning drive belt**
- **Deluxe**, conveniently located (**UL Listed®**) main electrical control panel with **locking door**
- Magnetic starter, thermal overload protection, step down fused transformer, 2 timers and relays (**UL Listed®**)
- **All seamless stainless steel** hard plumbing throughout (no plastic flexline used)
- **Automatic** and manual condensate purge, drain system with muffled 4 lt. liquid collector
- **External** condensate collector level sight window
- **Automatic** Off/Auto switch, will automatically refill cascade, as needed
- Final automatic shut off pressure switch
- **Emergency stop**, mushroom type push button
- **Digital hour counter**
- **External** oil level sight glass indicator with oil drain valve
- Pressure safety relief valve at all stages
- **Dual** purified air outlets, one for direct fill and one for cascade
- **Locking** main access door and electric control panel
- Fully enclosed, Duracoat powder coated, sound attenuated cabinet with **Easylift™** access door for maintenance
- Furnished with two (2) each fill hose assy for SCBA or SCUBA cylinder fill valves with On/Off and bleeder valve
- One year warranty
- Dimensions: Length 44" x Depth 28" x Height 35"
- Weight: 480 lbs. (packaged weight 600 lbs.)

Breathing air quality meets or exceeds:
NFPA 1500
CGA "E"
EN 12021
ISO 9001 : 2008
REGISTERED FIRM



5000 psi
10.8 scfm

Charging rate 10.8 SCFM; 9.0 F.A.D.**
(Fill time for 80 cu. ft. cyl 7.5 min*)
(Fills SCBA cyl to 4500 psig)



Factory Options not included in base price:

- PU-35000 Purification upgrade to 35,000 cft of grade "E" breathing air @ 72°F (65 hours)
- PU-79000-90 Purification upgrade to 79,000 cft of grade "E" breathing air @ 72°F (146 hours)
- MS-4010 Mechanical moisture separator coalesor
- LO-1006F Low oil shut down switch **with fault indicator light**
- HT-1005F High temperature shut down switch on final stage **with fault indicator light**
- MI-4000 Carbon monoxide/moisture visual indicator mounted on gauge panel
- IS-1000 **Deluxe** interstage gauge panel with stainless steel gauges

Specifications Pumping Group***

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|-----------------|--|
| Construction: | Continuous duty air cooled, three stage, three cylinder high pressure compressor; <u>all stainless steel interstage and final stage coolers</u> . Mounted in a sound attenuated, powder coated, steel cabinet. |
| Max. Pressure: | 5000 psig-340 bar |
| Approx. Output: | 9.0 F.A.D. 10.8 scfm charging rate** |
| Cyl. Diameters: | 1st stage 95mm, 2nd stage 38mm, 3rd stage 14mm |
| Lubrication: | Splash lubrication with oil thrower pin |
| Oil Type: | MaxLube 501 synthetic compressor oil |
| Oil Capacity: | 57 oz. (1.7 Liters) |
| Drive motors: | Electric motor 7.5hp |
| Compressor RPM: | 1500 RPM |
| Noise Level: | 81 decibels @ 3 meters |
| Refill Time: | 10.8 scfm**, 7.5 mins* |

*Time required to fill an 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



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