

# MAX-AIR 90 Std-DKE (KOHLER® DIESEL)

**5000 psi**  
**10.3 scfm**

*High pressure, breathing air compressor for SCUBA, SCBA & Paintball Fields.*

*Design inspired from the oil field industry's stringent specifications; for hot & humid climate.*



The Max-Air 90 Standard is a dependable, high quality, breathing air compressor designed for continuous duty at an affordable price. This heavy duty design has commercial, marine, military, dive center, police, fire department and paintball applications; ideal for oil well standby unit and pleasure boats or fixed installation. Our compressors are known for their durability and performance. Compare the Max-Air 90 Standard features and price with any of the competition. Available in a variety of drive units to fit any requirement.

## Standard Features included in base price:

- Max-Air 90 Standard—10.8 scfm\*\* 5000 psi, 3 stage, pumping group
- 9.8 HP Kohler diesel engine, air cooled electric key start (5Lt = 3 hour run time @ full throttle)
- Mounted on a durable powder coated steel frame
- New enlarged 2nd and final stage oil/moisture separators, more efficient in hot, humid climate
- #CD-1000 12 volt automatic condensate drains 2nd and final stage on shut down and factory preset intervals, based on climate conditions
- #PU-35000 Tri-chem. Disposable purification system 35,000 cubic feet processing @ 72°F consisting of active carbon/ molecular sieve 13X /hopcalite
- Pressure maintaining valve
- Pressure relief valve on all stages
- Digital hour meter
- Pressure gauge 0~5800 psi/400 bar
- IS-1000 interstage gauges—for diagnostic purpose and trouble shooting
- LO-1005 low oil shut down switch
- HT-1006 high temperature shut down switch
- AS1001-DK automatic shut down pressure switch
- MI-4000 Carbon monoxide/moisture visual indicator
- BP-12V-DK 12 volt battery pack with recharge feature
- (2) filling hoses with On/Off valve and bleed (SCUBA yoke, DIN 300 or SCBA)
- (2) piece telescopic intake tube
- Spare parts list and owner manual
- One year warranty

**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**

## Shown here with:

- CD-1000 Automatic condensate drains
- AS-1001-DK Automatic shut down pressure switch
- LO-1005 Low oil shut down switch
- HT-1006 High temperature shut down switch
- IS-1000 Interstage gauges
- MI-4000 Air line visual moisture/CO indicator
- BP-12V-DK 12 volt battery pack with recharge feature
- PU-35000 Purification to 35,000 cft @ 72°F intake temperature

## Specifications Pumping Group\*\*\*

Construction: Continuous duty air cooled, three stage, three cylinder high pressure compressor, all stainless steel interstage and final stage coolers. Mounted on a heavy duty, freestanding, steel frame with durable powder coating with neoprene isolators.

Max Pressure: 5000psig-345bar  
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: 58 oz (1.7 Liters)  
Drive: Air cooled, 9.8 HP Kohler power electric start diesel engine; 3 hour run time @ full throttle

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

Breathing air quality meets or exceeds:  
NFPA 1500  
CGA "E"  
EN 12021  
ISO 9001 : 2015  
REGISTERED FIRM

Model #	Measurements	Weight	Fuel: Diesel	DBA
Max-Air 90 Std DKE	L 52½" x D 20" x H 35¼"	415 lbs	5lt—3 hours	@ 3m 94



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