

# MAX-AIR 180 TWIN E3 (3 Phase) 5000 psi 21.6 scfm

*High capacity  
breathing air  
compressor system  
from MAX-AIR  
designed for total  
efficiency.*

**Charging rate 21.6 SCFM\*\*; 18.0 F.A.D.  
(Fill time for 80 cu. ft. cyl 3.7 min\*)**

**Breathing air quality  
meets or exceeds:  
NFPA 1500  
CGA "E"  
EN 12021**

**ISO 9001 : 2008  
REGISTERED FIRM**

The Max-Air 180 Twin is designed specifically for fire departments, dive centers, industrial, marine, police and military applications who demand high volume with fail-safe **redundancy**.

Consisting of two, totally independent, air systems in one fully enclosed sound attenuated cabinet. You will not find a more compact 18.0 F.A.D., 21.6 scfm compressor anywhere!

The Max-Air 180 Twin offers two 9.0 F.A.D per system for a total of 21.6 scfm\*\* available capacity. This unique design ensures you will ALWAYS have air. Operate one system when your demand is low and save on electrical costs or operate both systems when demand is high. These units will give you years of dependable service at a price you can afford.

## Standard Features included in base price:

- Two independent compressors in one cabinet
- (2) electric, 7.5 hp, 220/440 Volt AC, three phase motors available in 50 or 60hz
- (2) Independent, tri-chem breathing air purification systems with activated carbon/molecular sieve/hopcalite
- Durable powder coated, fully enclosed, sound attenuated cabinet
- Dual, deluxe main control panels
- Exclusive Dial-A-Pressure (D.A.P.) final pressure switch and gauge assembly allows for quick finger tip pressure settings and automatic shut off
- Automatic Start/Stop switch
- Emergency stop mushroom switch
- (2) Hour meters
- Magnetic starter with thermal overload protection
- (2) External oil level sight glass indicators with oil drain
- (2) Automatic and Manual Purge (A.M.P.) condensate drain systems with collectors
- (1) Final pressure gauge (0~5800psig)
- (2) Pressure maintaining valves
- Pressure relief valves at all stages
- (4) High pressure filling hoses with On/Off valve and bleed for SCUBA or SCBA
- One year warranty
- Wt: 700 lbs
- Dimensions: Length 35" x Depth 33½" x Height 53"

## Factory Options not included in base price:

- LO-1005: Low oil shut down switch x 2-each
- HT-1006: High temp shut down switch x 2-each
- MI-4000: Air line visual moisture/CO indicator x 1-each
- IS-1000: Interstage pressure gauges x 2-each



## Specifications Pumping Group\*\*\*

Construction: Two, continuous duty, air cooled, three stage, three cylinder high pressure compressors, all stainless steel interstage and final stage coolers.

Max Pressure: 5000psig-340bar

Approx. Output: 18 F.A.D. (21.6 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) per compressor

Drive motors: Two – 7.5hp 230/460 volt AC electric motors in three phase 50 or 60 hz

Noise Level: 81 decibels @ 3 meters

Refill Time: 21.6 scfm\*\*, 3.7 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



2807 Peddler Lane West • Kerrville • Texas 78028 • USA  
Tel. (830) 257-5006 • Fax (830) 257-3720 • e-mail: info@max-air.com  
www.max-air.com