

Meets all international breathing air standards for Grade "E" Air


MAX-AIR 35

AIR TO GO ...

4.2 scfm
of compact,
portable,
breathing
air supply.**

The Max-Air 35 is the most reliable, compact and portable compressor available today. Ideal for location dives or pleasure boats where portability, space and weight are considerations. Economical to run and easy to maintain, the Max-Air 35 will give years of high quality breathing air in locations where dive centers or air stations are inaccessible.

Standard Features

- = 4.2 scfm** - Fills an 80cft tank in approx 20 min*
- = Truly portable at only 85 lbs (38 kg)
- = Dimensions: Length 28" x Depth 13" x Height 15"
- = Mounted on a durable powder coated steel frame with convenient carry handles
- = Reliable 5.5hp Honda® gasoline engine or electric motor
- = Oil/water separating chambers (manual drains)
- = Tri-chem breathing air purification system with activated carbon/molecular sieve/hopcalite
- = Disposable purification cartridge is convenient and easy to replace
- = Pressure maintaining valve for optimum air processing
- = Final pressure relief valve
- = Digital hour/tachometer standard on gasoline model only
- = Intake filter
- = Oil filled pressure gauge 0~5800psi/400bar
- = Spare parts list and owners manual
- = Filling hose with on/off valve-push button bleed (SCUBA yoke or DIN300)
- = 12 oz. Max-Air 101 synthetic compressor oil
- = 12 oz. break-in oil
- = 6' intake hose with fittings (gas model only)
- = One year warranty

Factory Options

- = CD-1001-35: Automatic condensate drain with timer (electric models only)
- = MS-3001: Magnetic starter, auto shut off pressure switch/hour meter
- = MI-4000: Air line visual moisture/CO indicator
- = CD-1001-35 can only be installed with MS-3001



Charging rate 3.5 F.A.D. 4.2 SCFM
(Fill time for 80 cu. ft. cyl 20 min*)**

Drive Motor Options:
5.5hp Honda® gasoline engine
AC electric motors in single or three phase 110v/220v/240v @ 50/60hz
(On/off switch, outlet plug and cord not provided. Quoted separately)

Specifications

Construction: Air cooled, four stage, four cylinder high pressure compressor, all stainless steel interstage and final stage coolers

Max Pressure: 4800psig-330bar

Approx. Output: 3.5 F.A.D. 4.2 scfm charging rate**

Max R.P.M.: 2800

Lubrication: Splash lubrication with oil thrower pin

Oil Capacity: 12 oz.

Oil Type: Max-Air 101 synthetic compressor oil

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

* Time required to fill an 80 cu. ft. cylinder from 500 to 3000 psig

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MAX-AIR 55 STANDARD

High pressure, breathing air compressor for SCUBA & SCBA. Designed for economy and mobility in an affordable package.

The Max-Air 55 Standard is a dependable high quality breathing air compressor designed for continuous duty at an affordable price. Heavy duty design has commercial, marine, military, dive center, police and fire department applications. Compare the Max-Air 55 Standard prices and features with any of the competition.

You will find the Max-Air 55 Standard is a high quality, reasonably priced, dependable compressor that is ideal for location dives, pleasure boats or fixed installations. Available in a variety of drive units to fit any requirement.



Charging rate 5.5 F.A.D. 6.6 SCFM
(Fill time for 80 cu. ft. cyl 12 min*)**

Specifications

- Construction: Continuous duty air cooled, three stage, three cylinder high pressure compressor, all stainless steel interstage and final stage coolers. Mounted on a free standing, shock mounted frame of heavy duty, powder coated steel.
- Max Pressure: 5000psig-340bar
- Approx. Output: 5.5 F.A.D. 6.6 scfm charging rate**
- Cyl. Diameters: 1st stage 88mm, 2nd stage 36mm, 3rd stage 14mm
- Lubrication: Splash lubrication with oil thrower pin
- Oil Type: Max-Air 101 synthetic compressor oil
- Oil Capacity: 51 oz. (1.5 Liters)
- Drive motors AC electric motors in single or three phase
6.5 hp Honda® gasoline
- Refill Time Output 5.5 F.A.D., 6.6 scfm**, 12 mins*

** Based on charging an 80 cu. ft. cylinder from 500 to 3000 psig
* Time required to fill an 80 cu. ft. cylinder from 500 to 3000 psig

Factory Options


- = CD-1000-55: Automatic condensate drain with timer (electric models only)
- = MS-3001: Magnetic starter, auto shut off pressure switch/hour meter
- = MI-4000: Air line visual moisture/CO indicator
- = IS-1000: Interstage pressure gauges
- = CD-1000-55 can only be installed with MS-3001

Standard Features

- = Max-Air 55 Standard - 6.6 scfm**
- = Mounted on a durable powder coated steel frame
- = Tri-chem breathing air purification system consisting of activated carbon/molecular sieve/hopcalite
- = Disposable purification cartridge is convenient and easy to replace
- = Manual condensate drains
- = Pressure maintaining valve
- = Pressure relief valve on all stages
- = Electric motor or reliable 6.5 hp Honda® gasoline engine
- = Intake filter
- = Oil filled pressure gauge 0~5800psi/400bar
- = 51 oz. (1.5 Lt) break-in oil
- = 51 oz. (1.5 Lt) Max-Air 101 synthetic compressor oil
- = Spare parts list and owners manual
- = (1) Filling hose with on/off valve push button bleed (SCUBA yoke or DIN300 or SCBA)
- = 6' intake hose with fittings (gas models only)
- = One year warranty

Model #	Length	Depth	Height	Weight
Max-Air 55 STD-G-gas	41"	20"	28.5"	256 lbs
Max-Air 55 STD-E1-single phase	41"	20"	28.5"	320 lbs
Max-Air 55 STD-E3-three phase	41"	20"	28.5"	268 lbs

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MAX-AIR 90 COMPACT E1

High pressure, breathing air compressor designed for Fire Stations, Police, Military, Dive Centers, Commercial and Rescue units.

The fully automatic Max-Air 90 Compact E1 is widely used by fire departments, dive centers, industrial, marine, police, commercial, rescue and the military services.

The Max-Air 90 Compact E1's compact size in relation to its performance capabilities makes it the best choice of any compressor available when space is at a premium.



Standard Features

- = Electric, 7.5 hp, 220Volt AC, single phase motor 60hz
- = Tri-chem breathing air purification system with activated carbon/molecular sieve/hopcalite
- = Durable powder coated, compact cabinet for, quiet stationary operation
- = Conveniently located main control panel
- = Exclusive Dial-A-Pressure (D.A.P.) final pressure switch and gauge allows for quick, finger tip pressure settings and automatic shut-off
- = Magnetic starter with thermal overload protection
- = Automatic and Manual Purge (A.M.P.) condensate drain system with collector
- = Hour meter
- = External oil level sight glass indicator with oil drain
- = Final pressure gauge (0~5800psi/400bar)
- = Pressure maintaining valve
- = Pressure relief valves at all stages
- = (2) high pressure filling hoses with on/off valve and push button bleed for SCUBA or SCBA
- = One year warranty
- = Wt: 446 lbs
- = Dimensions: Length 41 1/2" x Depth 27 1/2" x Height 34"

Factory Options

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

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

Specifications

Construction: Continuous duty air cooled, three stage, three cylinder high pressure compressor, all stainless steel interstage and final stage coolers.
Mounted in a sound attenuated, powder coated steel cabinet.

Max Pressure: 5000psig-340bar

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: Max-Air 101 synthetic compressor oil

Oil Capacity: 51 oz. (1.5 Liters)

Drive motors: AC electric motor 7.5hp 220volt in single phase @ 60hz

Noise Level: 81 decibels @ 3 meters

Refill Time: Output 9.0 F.A.D., 10.8 scfm**, 7.5 mins*

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

* Time required to fill an 80 cu. ft. cylinder from 500 to 3000 psig

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MAX-AIR 90 COMPACT E3

The most compact, fully automatic, stationary, high pressure compressor for all breathing air applications.

The fully automatic Max-Air 90 Compact E3 is widely used by fire departments, dive centers, industrial, marine, police and the military services. The Max-Air 90 Compact E3's extremely compact size, in relation to its performance capabilities, make this the best compressor available when space is at a premium.

Standard Features

- = Electric, 7.5 hp, 220/440Volt AC, three phase motor available in 50 or 60hz
- = Tri-chem breathing air purification system with activated carbon/molecular sieve/hopcalite
- = Durable powder coated, compact cabinet for, quiet stationary operation
- = Conveniently located main control panel
- = Exclusive Dial-A-Pressure (D.A.P.) final pressure switch and gauge allows for quick, finger tip pressure settings and automatic shut-off
- = Magnetic starter with thermal overload protection
- = Automatic and Manual Purge (A.M.P.) condensate drain system with collector
- = Hour meter
- = External oil level sight glass indicator with oil drain
- = Final pressure gauge (0~5800psi/400bar)
- = Pressure maintaining valve
- = Pressure relief valves at all stages
- = (2) high pressure filling hoses with on/off valve and push button bleed for SCUBA or SCBA
- = One year warranty
- = Wt: 356 lbs
- = Dimensions: Length 35" x Depth 24" x Height 33 1/2"

Factory Options

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



Charging rate 9.0 F.A.D. 10.8 SCFM**
(Fill time for 80 cu. ft. cyl 7.5 min*)

Specifications

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:	5000psig-340bar
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:	Max-Air 101 synthetic compressor oil
Oil Capacity:	51 oz. (1.5 Liters)
Drive motors:	AC electric motor 7.5hp 220/440volt in three phase @ 50 or 60hz
Noise Level:	81 decibels @ 3 meters
Refill Time:	Output 9.0 F.A.D., 10.8 scfm**, 7.5 mins*

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

* Time required to fill an 80 cu. ft. cylinder from 500 to 3000 psig

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MAX-AIR 90 STANDARD

High pressure, breathing air compressor for SCUBA & SCBA. Designed for economy and mobility in an affordable package.

The Max-Air 90 Standard is a dependable high quality breathing air compressor designed for continuous duty at an affordable price. Heavy duty design has commercial, marine, military, dive center, police and fire department applications. Compare the Max-Air 90 Standard prices and features with any of the competition. You will find the Max-Air 90 Standard is a high quality, reasonably priced, dependable compressor that is ideal for location dives, pleasure boats or fixed installations. Available in a variety of drive units to fit any requirement.

Standard Features

- = Max-Air 90 Standard - 10.8 scfm**
- = Mounted on a durable powder coated steel frame
- = Tri-chem breathing air purification system consisting of activated carbon/molecular sieve/hopcalite
- = Disposable purification cartridge is convenient and easy to replace
- = Manual condensate drains
- = Pressure maintaining valve
- = Pressure relief valve on all stages
- = Electric motor or reliable 9 hp Honda® gasoline engine or Yanmar diesel engine
- = Digital hour/tachometer standard on gasoline model MA-90G only
- = Intake filter
- = Oil filled pressure gauge 0~5800psi/400bar
- = 51 oz. (1.5 Lt) break-in oil
- = 51 oz. (1.5 Lt) Max-Air 101 synthetic compressor oil
- = Spare parts list and owners manual
- = (2) Filling hoses with on/off valve push button bleed (SCUBA yoke or DIN300 or SCBA)
- = 6' intake hose with fittings (gas/diesel models only)
- = One year warranty



Charging rate 9.0 F.A.D. 10.8 SCFM
(Fill time for 80 cu. ft. cyl 7.5 min*)**

Specifications

- Construction: Continuous duty air cooled, three stage, three cylinder high pressure compressor, all stainless steel interstage and final stage coolers.
Mounted on a free standing, shock mounted frame of heavy duty, powder coated steel.
- Max Pressure: 5000psig-340bar
- 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: Max-Air 101 synthetic compressor oil
- Oil Capacity: 51 oz. (1.5 Liters)
- Drive motors AC electric motors in single or three phase
9 hp Honda® gasoline or 9 hp Yanmar diesel
- Refill Time Output 9.0 F.A.D., 10.8 scfm**, 7.5 mins*

** Based on charging an 80 cu. ft. cylinder from 500 to 3000 psig
* Time required to fill an 80 cu. ft. cylinder from 500 to 3000 psig

Factory Options

- = CD-1000-90: Automatic condensate drain with timer (electric models only)
- = MS-3001: Magnetic starter, auto shut off pressure switch/hour meter
- = MI-4000: Air line visual moisture/CO indicator
- = IS-1000: Interstage pressure gauges 0
- = CD-1000-90 can only be installed with MS-3001

Model #	Length	Depth	Height	Weight
Max-Air 90 STD-G-gas	42"	20"	28.5"	276 lbs
Max-Air 90 STD-D-diesel	43.5"	20"	28.5"	336 lbs
Max-Air 90 STD-E1-single phase	40"	20"	28.5"	336 lbs
Max-Air 90 STD-E3-three phase	40"	20"	28.5"	276 lbs

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MAX-AIR 180 TWIN E3

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

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

- = (2) electric, 7.5 hp, 220/440Volt 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
- = (2) Hour meters
- = (2) Magnetic starters 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 push button bleed for SCUBA or SCBA
- = Wt: 700 lbs
- = One year warranty
- = Dimensions: Length 35" x Depth 33 1/2" x Height 53"

Factory Options

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



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

Specifications

Construction:	Two, continuous duty air cooled, three stage, three cylinder high pressure compressors, <u>all stainless steel interstage and final stage coolers</u> . Mounted in a sound attenuated, heavy gauge powder coated steel cabinet.
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:	Max-Air 101 synthetic compressor oil
Oil Capacity:	51 oz. (1.5 Liters) per compressor
Drive motors:	Two - 7.5hp 220/440 volt AC electric motors in three phase 50 or 60 hz
Noise Level:	81 decibels @ 3 meters
Refill Time:	Output 18.0 F.A.D., 21.6 scfm**, 3.7 mins*

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

* Time required to fill an 80 cu. ft. cylinder from 500 to 3000 psig