

## Breathing Air Center (BAC)

- **Certified Containment Station**
- **Automatic Priority Fill**
- **Air Storage & Purification Included**

### Instrumentation

- On/Off button
- Pressure gauges, all stages
- Oil pressure gauge\*\*
- Emergency stop button
- Diagnostic indicator lights
  - High air temperature
  - Low oil pressure\*\*
  - High air pressure
- Hour meter
- Air inlet filter restriction indicator

### Package Features

- All components housed inside enclosure
- Built-in automatic condensate drain and muffler/reservoir
- Insulated sound, attenuated
- Against-the-wall installation
- Stainless steel operations and accessory panel
- Auxiliary outlet with valve and fitting
- SCBA filling capacity
- Welded 2-inch tubular frame
- Automatic safety interlock for SCBA filling
- Four storage cylinder capacity (DOT or ASME)
- Cross break on sheet metal panels provide added strength and eliminate noise
- Piston rings on all compressor stages provides improved efficiency
- Automatic start and stop controls

### Fill Station Features

- Certified containment
- 3 position fill station
- Low loading height (32")
- Exclusive carriage tilt-forward design
- 0 to 6000 psig adjustable regulator

### Air Purification

Refer to Purification Section.

### Optional Equipment

- CO monitor and calibration kit
- Purification cartridge monitor
- Shutdown audible alarm package
- Dual regulator fill
- Lockable regulator

\*\*On 4-stage units

## The MAKO Breathing Air Center

The Mako Breathing Air Center is a unique integrated high pressure breathing air system consisting of a combination of time tested performance proven components. Assembled within a single easily accessed cabinet. The purification system is centrally located and mounted on a slide-out drawer. The compressor can be accessed through totally removable doors on the front and side.



*Ergonomic design provides low SCBA loading height.*

#### Dimensions

Height	Width	Depth
65-3/4"	84"	36-1/2"

#### BAC Performance

Part No.	CFM* (M <sup>3</sup> /Hr)	PSIG* (Bar)	HP	Weight Lbs (Kg)	Stages of Compression
BAC04	5.8 (9.9)	5000 (345)	5	3075 (1400)	3
BAC05	8.6 (14.6)	5000 (345)	7.5	3090 (1405)	3
BAC06	13.1 (22.3)	5000 (345)	10	3280 (1490)	4
BAC06H	14.0 (22.8)	6000 (414)	10	3290 (1495)	4
BAC07	18.7 (31.8)	5000 (345)	15	3370 (1530)	4
BAC07H	20.7 (35.2)	6000 (414)	15	3380 (1535)	4
BAC08	25.3 (45.9)	5000 (345)	20	3530 (1605)	4
BAC09	30.6 (52.0)	5000 (345)	25	3620 (1645)	4
BAC09H	33.2 (56.4)	6000 (414)	25	3630 (1650)	4

\*Charging rate based on filling an 80 cubic ft. (free air) cylinder from 0 to 5075 psig (350 Bar), for 5000 psig ratings; and from 0 to 6000 psig (414 Bar) for 6000 psig ratings.

# MAKO BREATHING AIR MODULE

## Breathing Air Module (BAM)

- Sound Insulated Interior
- Built-In Muffler Reservoir
- Against-The-Wall Design

## Instrumentation

- Emergency stop button
- Pressure gauges, all stages
- Oil pressure gauge\*
- Hour meter
- On/Off button
- Diagnostic shutdown lights
  - High air temperature
  - Low oil pressure\*\*
  - High air pressure
- Air inlet filter restriction indicator

## Package Features

- All components housed inside compressor enclosure for added safety
- Built-in automatic condensate drain and muffler/reservoir
- Insulated, sound attenuated
- Against-the-wall installation
- Stainless steel operations and accessory panel
- Gasketed doors with spring-loaded latches eliminate vibration clatter
- Sheet metal cross breaks on exterior panels provide added strength and reduce package noise
- Automatic start and stop controls
- Piston rings on all compressor stages provide improved efficiency

## Optional Equipment

- CO monitor and calibration kit
- Purification cartridge monitor
- Shutdown audible alarm package
- Dual pressure switch
- Automatic drain monitoring system

\*\*On 4-stage units

Built to be installed up against a wall, the Breathing Air Module provides unsurpassed value and peace of mind. Five hinged maintenance inspection doors provide superior access to all components. The unit comes fully equipped with an automatic condensate drain muffler/reservoir. Product value is guaranteed by the ISO 9000 quality standard achieved by the manufacturer of the compressor. The air purification system is installed inside the cabinet.



Dimensions  
 Height 65-3/4"  
 Width 35"  
 Depth 42"

### BAM Performance

Part No.	CFM* (M <sup>3</sup> /Hr)	PSIG* (Bar)	HP	Weight Lbs (Kg)	Stages of Compression
BAM04	5.8 (9.9)	5000 (345)	5	1270 (575)	3
BAM05	8.6 (14.6)	5000 (345)	7.5	1300 (590)	3
BAM06	13.1 (22.3)	5000 (345)	10	1400 (635)	4
BAM06H	14.0 (23.8)	6000 (414)	10	1410 (640)	4
BAM07	18.7 (31.8)	5000 (345)	15	1430 (650)	4
BAM07H	20.7 (35.2)	6000 (414)	15	1440 (655)	4
BAM08	25.3 (43.0)	5000 (345)	20	1600 (725)	4
BAM08H	27.0 (45.9)	6000 (414)	20	1600 (725)	4
BAM09	30.6 (52.0)	5000 (345)	25	1600 (725)	4
BAM09H	33.2 (56.4)	6000 (414)	25	1610 (730)	4

\*Charging rate based on filling an 80 cubic ft. (free air) cylinder from 0 to 5075 psig (350 Bar), for 5000 psig ratings; and from 0 to 6000 psig (414 Bar) for 6000 psig ratings.

RESPIRATORY EQUIPMENT

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## Aircharge

- Piston Rings On All Stages
- CO & Moisture Indicators
- Top & Front Access Panels

## Aircharge Fits Your Budget

The AirCharge compressor features stainless steel panels containing all necessary system components. An automatic drain and muffler/reservoir are standard. Excellent serviceability is assured with a side door panel and removable front door. These three-stage air compressors also include a Mako air purification filtering system.



### Dimensions

Height: 51-1/4"  
Width: 25"  
Depth: 24"

## Instrumentation

- On/Off button
- Pressure gauge stages
- Emergency stop button
- Hour meter

## Package Features

- All components housed inside or in the rear of the compressor enclosure for added safety
- Piston rings on all compressor stages provide improved efficiency
- Automatic start and stop controls
- Stainless steel operations panel
- Automatic high air temperature shutdown
- Sheet metal cross breaks on exterior panels provide added strength and reduce package noise
- Muffler reservoir for collection of condensate

## Optional Equipment

- CO monitor, remote mounted
- Purification cartridge monitor
- Diagnostic shutdown light
- Shutdown audible alarm package
- Dual pressure switch

### Aircharge Performance

Part No.	CFM* (M <sup>3</sup> /Hr)	PSIG* (Bar)	HP	Weight Lbs (Kg)	Stages of Compression
ACI04	5.8 (9.9)	5000 (345)	5	470 (215)	3
ACI05	8.6 (14.6)	5000 (345)	7.5	500 (225)	3
ACI05X	11.1 (18.9)	5000 (345)	10	540 (245)	3

\*Charging rate based on filling an 80 cubic ft. (free air) cylinder from 0 to 5075 psig (350 Bar), for 5000 psig ratings; and from 0 to 6000 psig (414 Bar) for 6000 psig ratings.

## Gasoline or Diesel Air Cooled Compressor Systems

Mako's line of gasoline or diesel driven portable compressors are available from 5.8 to 33.2 CFM. All Mako portable compressors are offered complete with air purification systems. Both diesel and gasoline engines are industrial rated for maximum reliability and will provide continuous operation at an output pressure of 5000 or 6000 psig, depending on the model.



Gasoline and diesel units available in most capacities.

### Engine Driven Performance

Part No.	CFM* (M <sup>3</sup> /Hr)	PSIG* (Bar)	HP Diesel (Gas)	Weight Lbs (Kg)	Stages of Compression
5404BA	5.8	5000	9.5 (8)	220 (100)	3
5405BA	8.6	5000	9.5 (11)	250 (115)	3
5405XBA	11.1	5000	15 (14)	280 (125)	3
5406BA	13.1	5000	15 (14)	480 (220)	4
5406HBA	14.0	6000	15 (14)	490 (225)	4
5407BA	18.7	5000	20 (23)	500 (225)	4
5407HBA	20.7	6000	20 (23)	510 (230)	4
5408BA	25.7	5000	30 (-)	650 (295)	4
5409BA	30.6	5000	30 (-)	660 (300)	4
5409HBA	33.2	6000	30 (-)	670 (305)	4

## The Ultimate in Safety and Convenience

MAKO's containment fill stations offer the ultimate in safety and convenience. An enclosed steel chamber offers maximum protection in the event of a catastrophic cylinder failure. Our loading heights are ergonomically designed to reduce operator fatigue.

## SCFS2 & SCFS3 Standard Features

- Stainless steel operations panels
- Easy access panels for maintenance
- Low loading heights for reduced operator strain
- Cascade controls with dual valves per bank
- Auxiliary outlet
- Regulator with inlet and outlet pressure gauges
- Air storage bypass valve
- Certified to contain a rupture of an 80 cubic foot cylinder pressurized to 5000 psi



RESPIRATORY EQUIPMENT

Dimensions	SCFS2 Two Position	SCFS3 Three Position
Height: (in.)	66	66
Width: (in.)	29-1/2	38-1/2
Depth: (in.)	23-1/2	23-1/2
Weight: (lb.)	1010	1480

