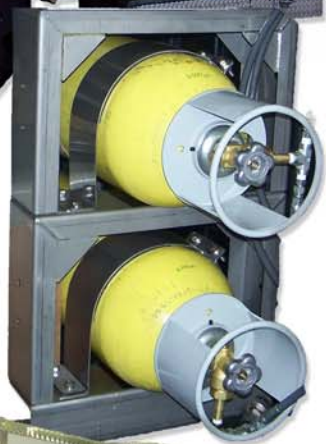




Product Guide

Cascade Breathing Air Systems
High Pressure Fill Stations
High & Low Pressure Air Control



ASME & DOT Mounting Systems
Air&Light Trailers
Cylinder Storage Solutions



RSPspacesaver.com



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**2 Cylinder Cascade
Filling Station**

Model 100A

Patent # 6,494,549

SpaceSaver units are designed for both mobile and standalone SCBA and SCUBA cylinder filling. Units can be incorporated directly onto Fire and Emergency vehicles or as a fixture in any cylinder filling location. SpaceSaver units will contain SCBA or SCUBA cylinders and any metal fragments in the event of a rupture during the filling process. Model 100A is designed to allow the filling of two (2) SCBA or SCUBA cylinders simultaneously or individually. Combined with our versatile air control panel, this unit can be customized to fit your specific needs. SpaceSaver installation is available at our location, or locally by one of our many nationwide service representatives.



**Shown with
optional riser
base and Air
Control Panel**

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- Body constructed with 3/16" & 3/8" Plate Steel for maximum safety and protection from rupture.
- Door constructed with 1/4" Stainless Steel.
- Ergonomic design with assistance devices to assure smooth operation and reduce operator fatigue.
- Automatic safety interlock system prevents operation until unit is secured.
- Most space efficient 2 Cylinder filling station now available.
- **H: 42.50" W: 13" D: 23"**
Weight: 400lbs.
- Optional base shown can be fabricated to custom heights.
- Optional air control panel can be mounted on either side of the unit, or remotely.



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**4 Cylinder Cascade
Filling Station**

Model 200A

Patent # 6,494,549

SpaceSaver units are designed for both mobile and standalone SCBA and SCUBA cylinder filling. Units can be incorporated directly onto Fire and Emergency vehicles or as a fixture in any cylinder filling location. SpaceSaver units will contain SCBA or SCUBA cylinders and any metal fragments in the event of a rupture during the filling process. Model 200A is designed to allow the filling of four (4) SCBA or SCUBA cylinders simultaneously or individually. Combined with our versatile air control panel, this unit can be customized to fit your specific needs. SpaceSaver installation is available at our location, or locally by one of our many nationwide service representatives.



**Shown with
optional
riser base.**

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- Body constructed with 3/16" & 3/8" Plate Steel for maximum safety and protection from rupture.
- Door constructed with 1/4" Stainless Steel.
- Ergonomic design with assistance devices to assure smooth operation and reduce operator fatigue.
- Automatic safety interlock system prevents operation until unit is secured.
- Most space efficient four cylinder fill station available.
- H: 42.50" W: 22" D: 23"
- Weight: 585 lbs.
- Optional base shown can be fabricated to custom heights.
- Optional air control panel can be mounted on either side of the unit, or remotely.



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**2 Cylinder Cascade
Filling Station**

Model 300H

Patent # 6,494,549

The SpaceSaver model 300H is a cascade air system fill enclosure designed for mobile SCBA or SCUBA cylinder filling. Model 300H utilizes an advanced horizontal design to maximize the use of critical space and allows for compartmental mounting over the rear wheels, or elsewhere on the vehicle as space permits. The unit will contain SCBA and SCUBA cylinders and all fragments in the event of a rupture during the filling process. This unit allows for the filling of two (2) SCBA or SCUBA cylinders either simultaneously or individually. Combined with our Air Control System the 300H can be customized to fit your space needs.



**Shown with optional
Air Control Panel.**

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- Body constructed with 3/16" & 3/8" Plate Steel for maximum safety and protection from rupture.
- Door constructed with 1/4" Stainless Steel.
- Ergonomic design with assistance devices to assure smooth operation and reduce operator fatigue.
- Automatic safety interlock system prevents operation until unit is secured.
- Smallest and most space efficient horizontal 2 cylinder fill station available.
- H: 13" W: 42.50" D: 25"
Weight: 400 lbs.
- Optional air control panel can be mounted either as shown or installed remotely.



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**Single Cylinder
Cascade Filling
Station**

Model 400V

SpaceSaver units are designed for both mobile and standalone SCBA and SCUBA cylinder filling. Units can be incorporated directly onto Fire and Emergency vehicles or as a fixture in any cylinder filling location. SpaceSaver units will contain SCBA or SCUBA cylinders and any metal fragments in the event of a rupture during the filling process. Model 400V is designed to allow the filling of a single SCBA or SCUBA cylinder. Combined with our versatile air control panel, this unit can be customized to fit your specific needs. SpaceSaver installation is available at our location, or locally by one of our many nationwide service representatives.



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- Body constructed with 3/16" & 3/8" Plate Steel for maximum safety and protection from rupture.
- Door constructed with 1/4" Stainless Steel.
- Ergonomic design with assistance devices to assure smooth operation and reduce operator fatigue.
- Automatic safety interlock system prevents operation until unit is secured.
- Most space efficient single cylinder filling station now available.
- H: 42.50" W: 15" D: 17.75" Weight: 330lbs.
- Certified to fill up to 88 cubic foot air cylinders
- Optional air control panel can be mounted on either side of the unit, or remotely.



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Air Control Panel Systems



Our high quality Air Control Systems are designed using only the finest components available, yet maintain very competitive cost points. Our panels are intuitively designed with embedded color graphics to help assure proper operation in the field. Our mounted 12 volt shielded light bar guarantees our panel controls remain clearly visible even in night time conditions. These panels feature premium glycerin filled gauges which have a superb 1.5% accuracy rating. The panel housing swings open from the front to allow for easy access to gauges and valves in the event service is needed. Panels and housing cabinets can be custom manufactured to accomodate any of your needs.

S p e c i f i c a t i o n s

- Superior quality glycerin filled gauges featuring 1.5% measurement accuracy rating.
- Low Pressure gauges measure pressure from 0 - 600 psi.
- High Pressure gauges measure pressure from 0-7500 psi.
- Pressure Regulators are fitted with adjustable relief valves.
- Embedded color graphics help assure proper operation.
- 3/16" aluminium panel with knockouts for future expansion.
- 3/16" painted aluminium housing
- Panel Housing Dimensions 42.5" X 9.75" X 18"
- Custom sizing available.



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KLAMP-IT®

**Ultra Compact
Cylinder Mounting
Solution**

***Patent Pending**

This Ultra-Compact ASME/DOT/UN bracketing system allows for either horizontal or vertical mounting of between 1 and 8 cylinders while taking up only 3/8" of additional space for the hardware. The close coupling system allows for side by side cylinder mounting to minimize space requirements. Features removable sections that allow for easy cylinder removal or replacement. All brackets are constructed from premium high strength 12 and 14 gauge stainless steel and fitted with 1/4" stainless steel mounting plates and 3/8" stainless steel hardware. Augmented with traction materials to assure minimal cylinder movement after mounting.



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- Bracket framework is constructed from 14 gauge stainless steel.
- 1/4" Stainless Steel Holding Plates
- 3/8" Stainless Steel Bolting Hardware.
- Restraining bands are additionally augmented with traction materials.
- Removable sections allow cylinders to be removed without detaching the mounting bracket.
- Clamping band is reinforced with 12 gauge stainless steel.
- Bracket Width: 4"



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Rack-It

**Expandable Breathing
Cylinder Racking and
Storage System**

The Rack-It cylinder system offers a custom storage solution for SCBA breathing air cylinders. The Rack-It system can be built in any configuration you need and can be installed either vertically or horizontally. Built with longevity and durability in mind, the Rack-It system utilizes a rugged design and is manufactured from 1/8" aluminum and is fitted together with a multi riveting process. The Rack-It is engineered to offer you maximum storage while using the least amount of cabin space possible. Each storage space is fitted with removable 3-sided rubber protection mats to keep your cylinders safe from unwanted movement during transport and are ribbed to allow for moisture to flow freely to the rear ventilation for drainage.

Custom sizing to maximize compartment space



**Compartments are angled to the rear for
cylinder retention and moisture drainage.**

CAD Drawings are sent to customer for approval prior to construction.



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STACKER®

**ASME / DOT / UN
Stackable Cylinder
Mounting Solution**

***Patent Pending**

The **Stacker** is a reinforced stainless steel mounting bracket for ASME or DOT air storage cylinders in either fixed or mobile applications. The **Stacker** is one of the most versatile mounting brackets in the market today. The **Stacker** bracket is fabricated using high strength stainless steel for maximum durability and lifespan. Our integrated reinforced design allows for the stacking of multiple units to any height and width necessary. This design allows the cylinders to be placed side by side and/or stacked vertically to meet individual space constraints. The **Stacker's** stainless steel restraining bands are affixed with traction materials to insure cylinders are secured.



Shown in a 2 unit stacked configuration.

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- Bracket framework consists of 11 gauge high strength stainless steel and reinforced with .25" stainless steel plates.
- Restraining bands are built from 14 gauge high strength stainless steel and additionally augmented with traction materials.
- Framework: L:17.50" W:4.50" H:12"
- Bands: 9.5" X 9.5" *Adjustable*
- Support Base: L:17.50" W:4.50" H:3.50"
- Shown as 2 units stacked with optional support base attached.
- As shown L:17.50" W:4.50" H:27.50"
- Support base can be additionally reinforced with high density polypropylene blocks (not shown)



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Cascade Air System Refurbishment and Trade-In Program

ALL Packages
Include "AS New"
Warranty

Available Packages

Bronze Package

Refurbishment
Includes:

- Replace gas springs
- Replace all hoses
- Replace all of the connectors
- Replace toggle valve and shut-off valves
- Replace anti-scuff tape
- Replace all rubber bumpers
- Replace weather-proof seal
- Replace the lower door with upgraded style.
- Quality and Safety Inspection
- Complete Warranty Renewal

Silver Package

Includes all **Bronze** Package refurbishments

Plus

- Complete remanufacture of the unit to match current manufacturing specifications.

Remanufacturing of the unit to include:

- Reinforcement added to the upper front of the unit
- Welded angle iron over the butt welded areas for reinforcement
- Replace existing fragmentation tube straps with our reinforced straps
- Sanding of the entire unit
- Fully repainted unit (Color choice optional for a fee)

Gold Package

SpaceSaver® system exchange.

RSP will exchange your existing SpaceSaver® unit with a **brand new** unit direct from our manufacturing facility.

New model units will include all current design upgrades and reinforcements.

Special pricing options available for Air Control Panels and other available accessories.

Platinum Package

Complete System Exchange

RSP will exchange your existing SpaceSaver® cascade air system with the following:

New SpaceSaver® unit of your choice.

New graphically enhanced Air Control Panel and a new ACP housing unit.

Trade in of any other fill enclosures can be considered!

All shipping is handled through Resolve Specialty Products exclusively via YRC freight collect.