

**TERMS and CONDITIONS**

1. Sealed bids will be opened in the Commissioner's Conference Room, 400 W BROADWAY, SUITE 010  
MUSKOGEE, Oklahoma, at the time and date shown on the invitation to bid form.
2. Late bids will not be considered. Bids must be received in sealed envelopes (one to an envelope) with bid number and closing date written on the outside of the envelope.
3. Unit prices will be guaranteed correct by the bidder.
4. Firm prices will be F.O.B. destination.
5. Purchases by MUSKOGEE County, Oklahoma, are not subject to state or federal taxes.
6. This bid is submitted as a legal offer and any bid when accepted by the County constitutes a firm contract.
7. Oklahoma laws require each bidder submitting a bid to a county for goods or services to furnish a notarized sworn statement of non-collusion. A form is supplied below.
8. Bids will be firm until 06/05/2023 (Date) 9:30am

AFFIDAVIT: I, the undersigned, of lawful age, being first duly sworn on oath say the he (she) is the agent authorized by the bidder to submit the above bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any state official or employee as to quantity; quality or price in the prospective contract or any other terms of said prospective contract; or in any discussions between bidders and any state official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder/contractor has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma (or other entity) any money or other thing of value, either directly or indirectly in the procuring of the award of a contract pursuant to this bid.

Subscribed and sworn before this 25<sup>th</sup> day  
of May, 2023 (SEAL)

Firm: Compressed Air Partners  
Signed by: [Signature]  
(Manual Signature of Undersigned)

My commission expires 5/13/2026  
[Signature]  
NOTARY PUBLIC (CLERK OR JUDGE)

Address: 182 Hwy 265, Unit 1106 Phone: 285-531-4003  
Alabaster, AL 35007 Zip: 35007

*In accordance with 62 O.S. § 310.9*

NOTE: Other terms and conditions can be added at the discretion of the county officers.



Compressed Air Partners  
 205-837-4177  
 182 HIGHWAY 265 SUITE 1106  
 Ste 1106  
 ALABASTER, AL 35007-4775

Prepared For  
 Chief Dalton Armstrong  
 Webbers Falls Fire Department

Proposal Date  
 05/24/2023

Proposal Number  
 00725

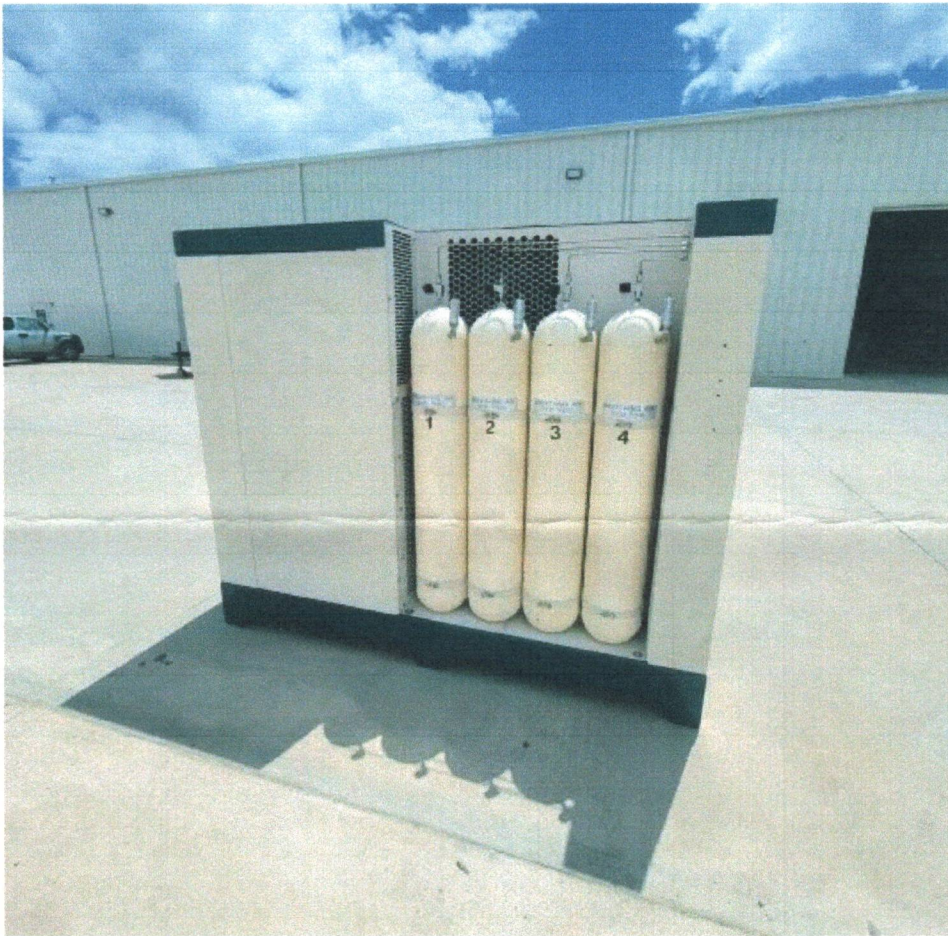
### Pricing

Description	Rate	Qty	Line Total
<b>Bauer Unicus Breathing Air Center</b> Bauer Unicus III 15HP 17CFM 6000PSI Refurbished- 880 Original hours. Breathing Air Filtration, Auto Drains, low oil safety, high pressure shutoff, containment fill station, 4x ASME 6000psi storage cylinder cascade system, 3 position containment fill station capable of holding SCBA or SCUBA cylinders.	\$35,000.00	1	\$35,000.00
Single Phase Upgrade	\$4,950.00	1	\$4,950.00
Air Testing	\$295.00	1	\$295.00
Freight/Transport	\$2,950.00	1	\$2,950.00
Installation. Includes placement, testing, training. Commissioning of the the equipment. Does not include electrical work- Requires dedicated 100 amp 220 service at location of desired install.	\$3,875.00	1	\$3,875.00
System meets all standards fro NFPA, ASTM, OSHA, and Dept of labor standards for breathing air systems.	\$0.00	1	\$0.00
		<b>Subtotal</b>	47,070.00
		<b>Tax</b>	0.00
		<b>Proposal Total (USD)</b>	<b>\$47,070.00</b>

Unicus 3-25..3.jpg



Unicus 3-25..4.jpg



Unicus 3-25..1.jpg



MUSKOGEE County, Oklahoma  
**COUNTY PURCHASING OFFICE**  
 400 W BROADWAY, SUITE 110  
 MUSKOGEE, OKLAHOMA 74401  
 Phone Number (918) 682-2169

**Invitation to Bid**

PLEASE REVIEW TERMS AND CONDITIONS ON REVERSE SIDE  
 RELATING TO SUBMISSION OF THIS BID.  
 Notarized Affidavit completions and signature required on reverse side.

Date Issued May 15, 2023  
 Page 1 of 4

<b>BID NUMBER</b>	<b>BID CLOSING DATE AND HOUR</b>	<b>REQUIRED DELIVERY DATE</b>
68	06/05/2023 9:30am	

**TERMS**

1/4% 10 days; Net 30	(Days after award of Purchase Order) <b>Date of Delivery</b> Est. 34 Weeks ARO
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ITEM	QUANTITY	UNIT OF ISSUE	DESCRIPTION	UNIT PRICE	TOTAL
			Webbers Falls Volunteer Fire Department is now accepting bids for a Compressor. Spec are attached. #68 MUST be on the outside of the envelope.  Mail to: Muskogee County Clerk PO Box 1008 Muskogee, OK 74402  or  Muskogee County Clerk 400 W Broadway Muskogee, OK 74401  If you have any questions, please feel free to contact:  Polly Irving, Muskogee County Clerk 918-682-2169 or Dalton Armstrong, Webbers Falls Fire Chief 918-616-5741	\$56,100.00	\$56,100.00

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Subscribed and sworn before this 2nd day  
of June, 2023 (SEAL)

Firm: Technology International, Inc.

My commission expires 10/5/25

Signed by: [Signature]  
(Manual Signature of Undersigned)



**LONI C. BOLLIS**  
Notary Public - State of Florida  
Commission #HL181766  
Expires: 10/05/2025

Address: 1331 S. International Pkwy, Suite 2251,  
Lake Mary, Florida Phone: 407-359-2373  
Zip: 32746

*In accordance with 62 O.S. § 310.9*

NOTE: Other terms and conditions can be added at the discretion of the county officers.

The Webbers falls fire department is seeking bids from qualified vendors licensed to conduct business in the State of Oklahoma for a fully operational Compressed breathing air compressor , cascade and SCBA fill / containment system.

Specifications as follows:

1. Turnkey complete 6000 psi compressor with purification and all operating components capable of producing 16 cfm or more and capable of producing class A breathing air.
2. a 4 bottle ASME cascade system rated for 6000 psi.
3. A fill station containment system capable of holding at least 2 SCBA & or SCUBA tanks for refilling purposes.
4. All costs associated with the bid will be included in the bid quote. Examples are shipping delivery, installation, & air quality testing and certification by a third-party laboratory.
5. compressor motor is to be 10hp or larger single-phase electric
6. compressor is to be bult specifically for breathing air applications and can be new or used

. Contact person for this project is: Dalton armstrong 918-616-5741 [dalton.armstrong@webbersfallsfire.com](mailto:dalton.armstrong@webbersfallsfire.com) All equipment will meet applicable NFPA, ASTM, OSHA, & Dept of labor standards for breathing air systems in effect at the time of delivery.



The Webbers falls fire Department is seeking bids from qualified vendors licensed to conduct business in the State of Oklahoma for a fully operational electric extrication tools Specifications as follows:

**Spreaders**

1. max spread of 30 inches or more. Powered by a cordless battery with 18v or more. Meeting current NFPA standards with an Ip rating of at least 54 or higher.

**Cutters**

1. Max blade opening of at least 8 inches with a cut reach of at least 5 inches. power source 18v or more cordless battery meeting NFPA 2020 standards with an Ip rating of 54 or higher.

**Combl tool**

1. max spread of 12 inch or more with a cut reach of 4 inch or more with a power source of a 18v cordless battery meeting NFPA 2020 standards with an Ip rating of 54 or higher.

Bids are too include all operating components and shipping to Webbers falls Oklahoma .

Contact information Dallan armstrong 9186165741



**Technology International, Inc.**  
 1331 South International Pkwy, Suite 2251  
 Lake Mary, FL 32746  
 Tel: (407) 359-2373  
 Fax: (407) 359-2372  
 E-mail: [tii@tii-usa.com](mailto:tii@tii-usa.com)  
 Website: [www.tii-usa.com](http://www.tii-usa.com)

## Equipment Proposal

**Description:** Compressor  
**Bid #:** 68  
**Attention:** Muskogee County Clerk  
 400 W Broadway  
 Muskogee, OK 74401  
**TII Ref:** TII/OK/0623/29354  
**Date:** 06/02/2023

In response to your quote request for Compressor, Technology International, Inc. is pleased to submit the following for consideration:

ITEM NO.	QTY	DESCRIPTION/ MODEL NO.	UNIT PRICE	EXTD. PRICE
1	1	AC94514-VE1-6M Compressor, Fast 140V <ul style="list-style-type: none"> <li>• Silent, 6000, 14SCFM, 10HP E1 230v, w/Magnetic Starter, 17,000 @ 80F - 26,000 @ 68F Filtration, Automatic Stop Switch, Automatic Moisture Drain, High Temp Shutdown, Low Oil Shutdown, Interstage Gauges, Visual Oil Level Site Glass, Digital Controller</li> </ul> <p><u>Includes:</u></p> <ul style="list-style-type: none"> <li>• (4) AC80049-10 Hose, 6000, 3/16x10Ft, w/Crimps (Connect compressor &amp; cylinders to air control panel)</li> <li>• (4) AC40015 Cylinder, ASME, 6000, Includes: Relief Valve, 90 Elbow M-F, On/Off Valve, Drain Valve, Gauge, Tee and Reducer Bushing</li> <li>• (1) AC70520T-4A Boombox, 2 Position, Containment Class 2, NFPA 1901, 5500 PSI, Tall, Cascade Panel, Includes: Inlet Gauges, Control Valves, Adjustable Pressure Regulator, 4" Regulated Fill Pressure Gauge, SCBA Pressure Gauges, SCBA Control Valves and Dual Fill Whips</li> </ul>	\$56,100.00	\$56,100.00

See attached data sheets

**Total.....\$56,100.00**

**Warranty:** Manufacturer's standard warranty applies.

**Delivery:**

- Estimated delivery is **58 Weeks** after receipt of order and approved submittal.
- Please note, due to COVID-19 there may be unanticipated disruptions and delays in the supply chains globally, for parts, components, equipment and internal manufacturing services such as engineering, production allocation, and logistics. This may result in manufacturing & delivery delays out of our control. We will do our best to communicate all such impacts and reduce the effects of any such delays.
- All delivery dates quoted are subject to manufacturer's confirmation at time of order.
- Submittal data will be provided for approval after receipt of order (if applicable)
- Customer to provide equipment and personnel to unload
- TII will provide MSO at time of payment confirmation. Customer is responsible for all titling and registration of trailer (If Applicable)

**Freight:** Included to Muskogee, OK.

**Payment Terms:** NET 30

**Prompt Payment discount:** 1/4 % 10 days

**Quote Validity:** 30 days.

**\*\*\* Notes:**

- Quoted price is not available on a line item basis. This is an offer for a lump sum contract.

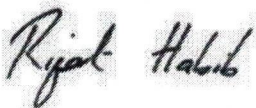
**Technology International, Inc. Corporate data:**

We are a small business and our Tax Payer Identification Number (TIN): 650342335. The price quoted does not include any sales, excise or similar taxes.

We trust that this proposal will meet your requirements and we look forward to hearing from you.

If you have any questions or need more information, please contact us by phone at 407-359-2373, fax at 407-359-2372 or email us at [tii@tii-usa.com](mailto:tii@tii-usa.com)

Respectfully submitted,



Rifat Habib  
Business Development Exec.  
Technology International, Inc.

# Fast Series

COMPRESSORS  
By American Airworks



## High-Pressure Breathing Air Compressor

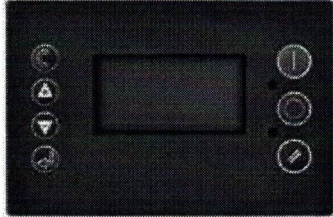
### AC94514-VE1-6M

The soundproof enclosure in combination with the very low operating speed, reassures smooth, safe, quiet and long life operation. Like no other unit in this performance class, the Fast 140V combines space-saving properties with high-standard permanent performance.

The Fast 140V is comprised of an integrated condensation filter process that uses a coalescence filter and a long-life filter cartridge to produce CGA Grade E Breathing Air. The compressor, which is fitted with an extensive array of features can be further expanded using optional extras to meet your requirements. Be it as an individual compact system or as a part of another system, the 140V series is the right choice if you are seeking durable high output performance.

# Fast 140v

## Features



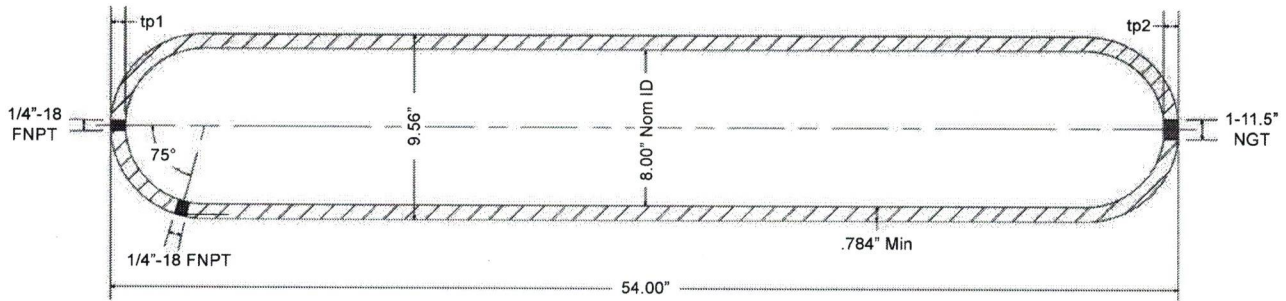
- Direct On Line Starter
- Micronic Air Inlet Filter
- Advanced Electronic Control System with LCD Display
- 24v Secondary Voltage Providing Safety During Routine Operation
- Automatic Control of Start/Stop System
- Emergency Shutdown Stop Button
- 26,000 cu.ft. CGA Grade E Filtration (Larger volumes available upon request)
- Moisture Separator After 2<sup>nd</sup> Stage
- Large Stainless Steel Intercoolers & Aftercooler
- Safety Valves on All Stages
- Pressure Maintaining & Non Return Valve
- Interstage Pressure Sensors Providing Emergency Shutdown for Overpressure
- Large Fan for Optimum Cooling
- Automatic Condensate Drains with Manual Backups
- 3.5 Gal Condensate Collector Reservoir
- Sound Dampening Insulation
- Interstage Gauges
- Low Oil Level & High Temperature Shutdown Switch with Alarms

## Technical Data

Model:	Fast 140V-6M
Maximum Pressure:	6000 psi (420 bar)
Minimum Pressure:	580 psi (40 bar)
Capacity:	14 cfm (396 L/m)
Max Ambient Temp:	113°F (45°C)
Oil Capacity:	2.95 qt. (2.8L)
Speed Rotation:	1000 RPM
Piston Stroke:	3.55 in (90 mm)
Cylinder Bore:	1 <sup>st</sup> Stage 4.14 in (105 mm)
	2 <sup>nd</sup> Stage 2.17 in (55 mm)
	3 <sup>rd</sup> Stage 1.42 in (36 mm)
	4 <sup>th</sup> Stage 0.55 in (14 mm)
Operating Pressure:	6000 psi (420 bar)
	1 <sup>st</sup> Stage 53 psi (3.6 bar)
	2 <sup>nd</sup> Stage 160 psi (11 bar)
	3 <sup>rd</sup> Stage 798 psi (55 bar)
	4 <sup>th</sup> Stage 6000 psi (420 bar)
Motor:	10 hp (7.5 kw) - 230/460V/60 Hz
Dimensions (LxDxH):	30 x 45 x 71 in. (76 x 113 x 178 cm)
Weight:	1,036 lbs. (470 Kg)

# ASME Approved 5000-7000 PSI (345-483 BAR) Steel Vessel (AC40005)

## Refillable Seamless Steel Cylinder for Compressed Gas Storage



1. Service Conditions		3. Manufacture		5. Mechanical Properties	
Non-Corrosive Service		Hot Billet Pierced Followed by Hot Drawing		Tensile:	828-966 MPA (120-140 ksi)
Min Design Metal Temp:	-50°F (-45°C)			Yield:	≥ 483 MPa (70 ksi)
Max Design Metal Temp:	200°F (93°C)			Elongate:	≥ 18% (2" Gauge)
MAWP:	5,250 psi (362 bar)			Flattening:	Flatten to 0.8xD, No Cracks
Appd-22: MAWP:	7,000 psi (482 bar)	4. Heat Treatment: Q&T		Charpy: (@ -50F)	Lat Expn ≥ .015" (3 long specimen)
Hydrostatic Test Press:	9,375 psi (646 bar)	Austenitize:	~1,650°F (898°C)	Hardness:	216-300 BHN (Highest Avg. Bhn < Lowest Avg. BHN+40)
2. Material:		Temper:	~1,200°F (648°C)	Each Cylinder to be Magnetic Particle Inspected	
CR-MO Steel, SA 372, Grade F, Class 70		Quenchant:	Water Based Polymer		

6. Design Calculations	
<p>I. Appdx-22 Min Wall Calculations for MAWP = 7,000 psi (482 bar) (Based on design stress = 1/3 x min. tensile)</p> <p>(a) Cylindrical Shell: [UG-27 C(1) &amp; App 22]</p> $t = \frac{PR}{SE - 0.6P} = \frac{7,000 \times 4.0}{40,000 \times 1 - 0.6 \times 7,000} = 0.783"$ <p>(b) Hemispherical Ends: [Per UG-32 (f) &amp; App. 22]</p> $t = \frac{PL}{25E - 0.2P} = \frac{7,000 \times 4.0}{2 \times 40,000 \times 1 - 0.2 \times 7,000} = 0.357"$	<p>II. Section VIII MAWP Calculations: (Design stress per 2013 ASME CODE Sec II/D, Table 1A)</p> <p>(a) Cylindrical Shell: [Per UG-27 C(1)]</p> $p = \frac{SEt}{R + 0.6t} = \frac{33,300 \times 1 \times 0.783}{4.0 + 0.6 \times 0.783} = 5,833 \text{ psi}$ <p>(b) Hemispherical Ends: [Per UG-32 (f)]</p> $p = \frac{25Et}{L + 0.2t} = \frac{2 \times 33,300 \times 1 \times 0.357}{4.0 + 0.2 \times 0.357} = 5,839 \text{ psi}$ <p>*Section VIII MAWP ≤ 5,833 psi      *Sec-VIII MAWP = 5,200 psi is OKAY</p>
<p>III. Membrane Stress Calculations for Cylinder Head</p> <p>Using UG-32(f), the formula for hemispherical head thickness can be written in terms of stress as follows:</p> $S = \frac{P(L + 0.2t)}{2tE} = \frac{7,000(4.0 + 0.2 \times 0.735)}{2 \times 0.735 \times 1} = 19,748 \text{ psi}$ <p>(which is &lt; 1/6 x specified min. tensile in the cylinder head) i.e. - 1/6 x 120,000 = 20,000 psi</p> <p>*Opening may be placed in the cylinder head where t ≥ 0.780" (Appd-22, 22-3d(2)).</p>	<p>IV. Head Opening Reinforcement Calculation: [UG-37]</p> <p>Port Size: 3.507" Ø   Port Wall Thickness: tp ≥ 0.735"</p> <p>(a) Required Area, A [UG-37.1]:</p> $A = dtrF + 2tnrF(1 - fr1) = 3.507 \times 0.357 \times 1 + 0 = 1.2520 \text{ in}^2$ <p>(b) Available Area, A1 [UG-37.1]</p> $A1 = d(E1t - Ftr) - 2tn(E1t - Ftr)(1 - fr1) = 3.507(1 \times 0.735 - 1 \times 0.357) - 0 = 1.3256 \text{ in}^2$ <p><b>OR</b> <math display="block">A1 = 2(t + tn)(E1t - Ftr) - 2tn(E1t - Ftr)(1 - fr1) = 2(0.735 + 0)(1 \times 0.735 - 1 \times 0.357) - 0 = 0.5557 \text{ in}^2</math></p> <p>Choose larger. *At= 1.3256 in² &gt; Required Area 1.2520 in² *A center head opening of up to Ø 3.507" is adequately reinforced for port wall thickness tp ≥ 0.735" in SA 372, Grade F, Class 70 material.</p>

Approx. Length		Approx. Min Water Capacity		Approx Air Vol (5000-6000 psi)		Approx. Weight	
in.	mm.	gal.	lt.	cu. ft.	cu. m.	lbs.	kg.
54	1,372	11	41	430-490	12-14	400	181

# BOOMBOX 5500 PSI

## Containment Filling Stations



American Airworks™ next generation of BoomBox™ 5500 PSI Class 2 containment air filling stations for SCBA and SCUBA are now available. Units are third party explosion tested and certified to meet NFPA 1901 standards.

The new BoomBox™ line of air filling stations include a newly designed gas assisted door operation to minimize operator fatigue.

Available in dual filling position for stationary applications. Single and triple filling options coming soon.

The BoomBox™ can be equipped with an air cascade control panel that provides easy and precise control of cylinder refilling. This feature also gives you a greater number of cylinder refills than a bulk fill system.

- Stainless Steel Gauge Panel
- Gauges for Each Storage Bank
- Control Valves for Each Storage Bank
- Adjustable Pressure Regulator (0-6000 psi)
- Inlet & Outlet Pressure Gauges
- Dual Internal Fill Hoses with SS Bleed Valves & Fill Adapters
- All Gauges Constructed With Forged Bodies
- 2.5" and 4" Regulated Fill Gauge Options
- Single action locking bar activation
- Fills either 111 cu. ft. SCBA or 120 cu. ft. SCUBA cylinders up to 8.6" x 32.0" with boot
- 45° standard or 90° door opening option
- Easy access panels for maintenance
- Recommended for fire stations and SCUBA shops
- Easy replacement of older fill stations with 4500 psi limitation

Part Number	Description	Dimensions (HxWxD)*		Weight	
		in	mm	lbs	kg
AC70520T-4A	Dual, Stationary, Standard 4 Bank ACP	70 x 30 x 21	1778 x 762 x 534	847	384
AC70520T-4B	Dual, Stationary, 4 Bank ACP, Auxillary Fill	70 x 30 x 21	1778 x 762 x 534	850	386
AC70520T-4C	Dual, Stationary, 4 Bank ACP, Priority Fill Valve	70 x 30 x 21	1778 x 762 x 534	852	387
AC70520T-4D	Dual, Stationary, 4 Bank ACP, Auxillary Fill, Priority Fill Valve	70 x 30 x 21	1778 x 762 x 534	854	388

\* Additional adaptors are required for filling SCUBA cylinders and may be purchased separately.