



GAS WELDING AND CUTTING APPARATUS

Regulators & Flow Control Equipment / Welding Accessories / Pressure Gauges

Technology for a Better Future

COMPANY OVERVIEW

Genstar Technologies Company, Inc. (GENTEC®), founded in 1969, is a global industry leader in the manufacturing of welding apparatus, pressure regulators, and gas control systems.

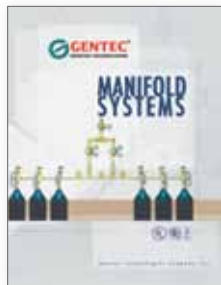
It is GENTEC®'s mission to provide customers with high quality, value-added products and services that surpass the strictest safety standards. All GENTEC® products are manufactured in an ISO 9001 and ISO 13485 certified facility by our experienced and dedicated workforce, using exquisite craftsmanship in conjunction with computerized automation, stringent quality control, and advanced test equipment. In addition, GENTEC® is API Specification Q1 certified for "Design, Manufacturing and service of Gas Flow Control Systems."

Additionally, as a total system solution provider, GENTEC® offers technical support, on-site evaluation, and design/implementation. GENTEC® engineers examine all customer requirements in order to develop and recommend the best customer specific solutions.

The company takes great pride in fostering a strong relationship with each and every customer. Today, GENTEC® sells its products through a vast distribution network which extends to thousands of customers worldwide.



GENTEC PRODUCTS



Manifold Systems



Ultra High Purity



Specialty Gas



HVAC



Medical Respiratory



Medical Construction



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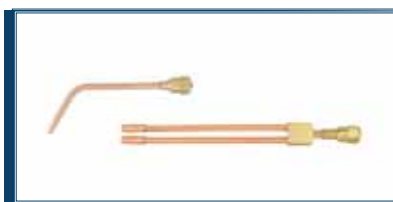
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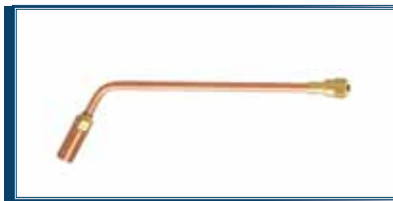
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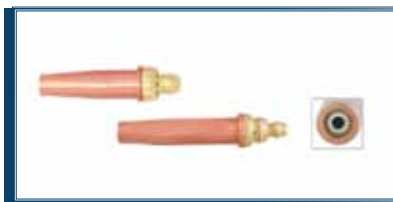
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WARNING:

GENTEC® products should only be used by well-trained professional technicians. Misuse of these products could cause serious injuries or death due to the high-pressure and hazardous gases.

NOTE: Specifications, data and availability of the products in this catalog are subject to change without notice.

GENTEC® Gold Series packaged welding, cutting, brazing, and heating outfits are designed for efficient, oxy-fuel gas manual operations. All components are manufactured under stringent quality controls and carefully selected to provide optimum performance and service life. Most of the components, where applicable, are listed with Underwriters Laboratories, Inc.

With a wide variety of outfit selections, you will find the outfit you need: from light duty hobby jobs to medium duty maintenance applications to heavy duty scrapping operations.

SAFETY

QUALITY

ACCURACY

RELIABILITY

AFFORDABILITY



1120 JOBBER

1121 JOBBER II

1138 IRON HORSE

1130 COMMANDER

1131 COMMADNER II

12-PTC TOTE-A-TORCH

4121 EXCALIBUR

4130 THE BOSS DELUXE

4131 THE BOSS



***1120**
1120FA

JOBBER

Medium Duty Outfits in Deluxe Tool Box for General Purposes

- Can weld up to 1/4" and cut up to 1/2"
- Ideal for home, farm, construction, and industrial maintenance facilities
- With optional tips, can weld up to 1 1/4" and cut up to 6"
- Regulators come with Steel Gauge Guards
- 20' T-grade twin hoses
- 1120 is equipped with 24-CV7PR Torch End Check Valves
- 1120FA is equipped with FA7TPR Flashback Arrestors, which include built-in check valves



Model Number*	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Heating Nozzle	Welding Nozzles	T-Grade Twin Hoses	Goggles	Striker	Tip Cleaner	Check Valves Flashback Arrestors
1120	21"x19"x9" 20.6 lbs.	142T	142C	152X-80G (OXY.) 152Y-15G (ACET.)	172C-0	172H-6	172W-0,2,4	HW23-T020	9-WG6G	25-300	25-120	24-CV7PR
1120FA												FA7TPR

***1121**
1120FA

JOBBER II

Medium Duty Outfits in Deluxe Tool Box for General Purposes

- Can weld up to 5/64" and cut up to 1/2"
- Ideal for home, farm, construction, and industrial maintenance facilities
- With optional tips, can weld up to 1 1/4" and cut up to 6"
- Regulators come with Steel Gauge Guards
- 20' T-grade twin hoses
- 1121 is equipped with 24-CV7PR Torch End Check Valves
- 1121FA is equipped with FA7TPR Flashback Arrestors, which include built-in check valves
- Victor® Performer® equivalent



Model Number*	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Welding Nozzle	T-Grade Twin Hoses	Goggles	Striker	Tip Cleaner	Check Valves Flashback Arrestors
1121	21"x19"x9" 19.8 lbs.	142T	142C	152X-80G (OXY.) 152Y-15G (ACET.)	172C-0	172W-0	HW23-T020	9-WG6G	25-3000	25-120	24-CV7PR
1121FA											FA7TPR

*Acetylene Regulator Inlet Connection supplied is standard CGA 510. Inlet connection CGA 300 is also available; to order, simply add "-3" to the outfit model number. For example: 1120-3 or 1120FA-3; 1121-3 or 1121FA-3.

Victor® and Performer® are a registered trademarks of Victor Equipment Co., which is not associated with Genstar Technologies Co., Inc.

***1138
1138FA**

IRON HORSE

Medium / Heavy Duty Outfits in Deluxe Tool Box for General Purposes

- Can cut up to 3/4"
- Ideal for industrial and commercial applications
- With optional tips, can weld up to 3" and cut up to 6"
- Regulators come with Steel Gauge Guards
- 20' T-grade twin hoses
- 1138 is equipped with 24-CV7PR Torch End Check Valves
- 1138FA is equipped with FA7TPR Flashback Arrestors which include built-in check valves
- Victor® Contender® equivalent

IRON HORSE



1138

Model Number*	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Heating Nozzle	T-Grade Twin Hoses	Goggles	Striker	Tip Cleaner	Check Valves
											Flashback Arrestors
1138	21"x19"x9"	143T	143CA	853X-125G (OXY.)	173C-1	173H-6	HW24-T020	9-WG6G	25-300	25-120	24-CV7PR
1138FA	23.3 lbs.			853Y-15G (ACET.)							FA7TPR

*Acetylene Regulator Inlet Connection supplied is standard CGA 510. Inlet Connection CGA 300 is also available; to order, simply add "-3" to the outfit model number. For example: 1138-3 or 1138FA-3.

***1130**
1130FA

COMMANDER

Heavy Duty Outfits in Deluxe Tool Box for Industrial & Commercial Applications

- Can weld up to 1/2" and cut up to 3/4"
- Ideal for industrial and commercial applications
- With optional tips, can weld up to 3" and cut up to 8"
- Regulators come with Steel Gauge Guards
- 25' T-grade twin hoses
- 1130 is equipped with 24-CV7PR Torch End Check Valves
- 1130FA is equipped with FA7TPR Flashback Arrestors, which include built-in check valves
- Victor® Journeyman® equivalent



Model Number*	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Heating Nozzle	Welding Nozzles	T-Grade Twin Hoses	Goggles	Striker	Tip Cleaner	Check Valves
												Flashback Arrestors
1130	23"x22"x11"	143T	143CA	153X-125G (OXY.)	173C-1	173H-8	173W-1,3,5	HW24-T025	9-WG6G	25-300	25-120	24-CV7PR
1130FA	28 lbs.			153Y-15G (ACET.)								FA7TPR

***1131**
1131FA

COMMANDER II

Heavy Duty Outfits in Deluxe Tool Box for Industrial & Commercial Applications

- Can weld up to 1/8" and cut up to 3/4"
- Ideal for industrial and commercial applications
- With optional tips, can weld up to 3" and cut up to 8"
- Regulators come with Steel Gauge Guards
- 20' T-grade twin hoses
- 1131 is equipped with 24-CV7PR Torch End Check Valve
- 1131FA is equipped with FA7TPR Flashback Arrestors, which include built-in check valves
- Victor® Journeyman® II equivalent



Model Number*	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Welding Nozzle	T-Grade Twin Hoses	Goggles	Striker	Tip Cleaner	Check Valves
											Flashback Arrestors
1131	23"x22"x11"	143T	143CA	153X-125G (OXY.)	173C-1	173W-2	HW24-T020	9-WG6G	25-300	25-120	24-CV7PR
1131FA	29 lbs.			153Y-15G (ACET.)							FA7TPR

*Acetylene Regulator Inlet Connection supplied is standard CGA 510. Inlet Connection CGA 300 is also available; to order, simply add "-3" to the outfit model number. For example: 1130-3 or 1130FA-3; 1131-3 or 1131FA-3.

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***4121**
4121FA

EXCALIBUR

Medium Duty Outfits in Deluxe Tool Box for All Trades

- Can Weld up to 1/8" and cut up to 1"
- Ideal for ship building, construction, petroleum, and chemical industries
- With optional tips, can weld up to 1/2" and cut up to 5"
- 20' T-grade twin hoses
- 4121 is equipped with 24-CV7PR Torch End Check Valves
- 4121FA is equipped with FA7TPR Flashback Arrestors, which include built-in check valves
- Harris® Steelworker® Classic equivalent



Model Number*	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Welding Elbow	Mixer	T-Grade Twin Hoses	Goggles	Striker	Check Valves
											Flashback Arrestors
4121	21"x19"x9" 19 lbs.	442T	442C	452X-80G (OXY.) 452Y-15G (ACET.)	472C-1	472W-5	472M	HW23-T020	9-WG6G	25-300	24-CV7PR
4121FA											FA7TPR

***4131**
4131FA

THE BOSS

Heavy Duty Outfits in Deluxe Tool Box for Industrial & General Purposes

- Can weld up to 1/8" and cut up to 1"
- Designed for all trades. Features a complete package of apparatus and accessories for general purpose and industrial use
- With optional tips, can weld up to 1" and cut up to 6"
- 20' T-grade twin hoses
- 4131 is equipped with 24-CV7PR Torch End Check Valves
- 4131FA is equipped with FA7TPR Flashback Arrestors, which include built-in check valves
- Harris® Pipeliner® Classic equivalent



Model Number*	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Welding Elbow	Mixer	T-Grade Twin Hoses	Goggles	Striker	Check Valves
											Flashback Arrestors
4131	23"x22"x11" 22.5 lbs.	443T	443C	453X-175 (OXY.) 453Y-15 (ACET.)	472C-1	472W-5	473M	HW24-T020	9-WG6G	25-300	24-CV7PR
4131FA											FA7TPR

*Acetylene Regulator Inlet Connection supplied is standard CGA 510. Inlet connection CGA 300 is also available; to order, simply add "-3" to the outfit model number. For example: 4121-3 or 4121FA-3.

Harris® Steelworker® & Pipeliner® are registered trademarks of Lincoln Electric Co., which is not associated with Genstar Technologies Co., Inc.

12-PT
12-PTC
12-PTCSP

TOTE-A-TORCH for Portable Outfit for Repair & Maintenance

- Can weld up to 3/16" and cut up to 1/2". With optional larger tips and sufficient acetylene and oxygen supply, Tote-A-Torch can weld up to 1-1/4" and cut up to 6"
- A light to medium duty portable outfit that is extremely popular for general maintenance work, metal sculpture, automotive repair, air conditioning, refrigeration, etc. The carrier is made of tough, lightweight polypropylene and is designed to carry one "MC" acetylene cylinder, one "R" (20 cu. ft.) oxygen cylinder, and apparatus
- Featured with this outfit are rear entry regulators for better balance on the small cylinders. The acetylene regulator has an "MC" (CGA 200) inlet connection and the oxygen regulator has the standard CGA 540 connection
- **Torch handle is equipped with 24-CV7PR torch end check valves**
- Regulators come with rubber gauge guards
- 12-PTCSP is the 12-PTC outfit with Anti-Theft skin package
- 3/16" x 12.5' T-grade twin hoses
- **The outfit is available with or without cylinders. See chart below**
- The rugged molded plastic carrier (CRT10) is also available separately
- Victor® Portable Torch equivalent

NEW
Gauge Guards



12-PTCSP



12-PTC

Model Number	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators Oxygen / Acetylene	Cutting Tip	Welding Nozzle	Twin Hoses	Goggles	Striker	Plastic Carrier	Cylinders Oxygen / Acetylene
12-PT	24.5"x11"x11" 13.4 lbs.	142T	142C	210X-80G / 210Y-15G	172C-0	172W-1	HW23-T012	9-WG6G	25-300	CRT10	N/A
12-PTC	24.5"x11"x11" 36 lbs.										CY20-540 / CY10-MC
12-PTCSP	24.5"x11"x11" 36.4 lbs.										

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13-0S Series Cutting Outfits

- Can cut up to 8"
- Ideal for industrial & commercial application
- Great for users who prefer the "combo" torch handle and cutting attachment, which offers a sensitive touch control of the cutting oxygen valve
- Welding and heating nozzles can also be utilized
- Victor® Journeyman® "Select" compatible
- Outfits equipped with check valves or flashback arrestors

Model Number	Torch Handle	Cutting Attachment	Regulators Oxygen / Acetylene	Check Valves	
				Flashback Arrestors	
13-0S	143T	143CA	153X-125 / 153Y-15	24-CV7PR	
13-0SFA				FA7TPR	
13-0SA		143ACA		24-CV7PR	
13-0SAFA				FA7TPR	



63L-4 & 63L-5 Series Cutting Outfits

- Can cut up to 12"
- Ideal for industrial & commercial application
- Features a 21" torch with choices of the 452 series medium/heavy duty regulators or the top of the line 153 series heavy duty regulators
- Victor® "Cutter Select" compatible
- Equipped with check valves or flashback arrestors

Model Number	21" Cutting Torch	Regulators Oxygen / Acetylene	Check Valves
			Flashback Arrestors
63L-4	163L-21	452X-80 / 452Y-15	24-CV7PR
63L-4FA			FA7TPR
63L-5	163L-21	153X-125 / 153Y-15	24-CV7PR
63L-5FA			FA7TPR

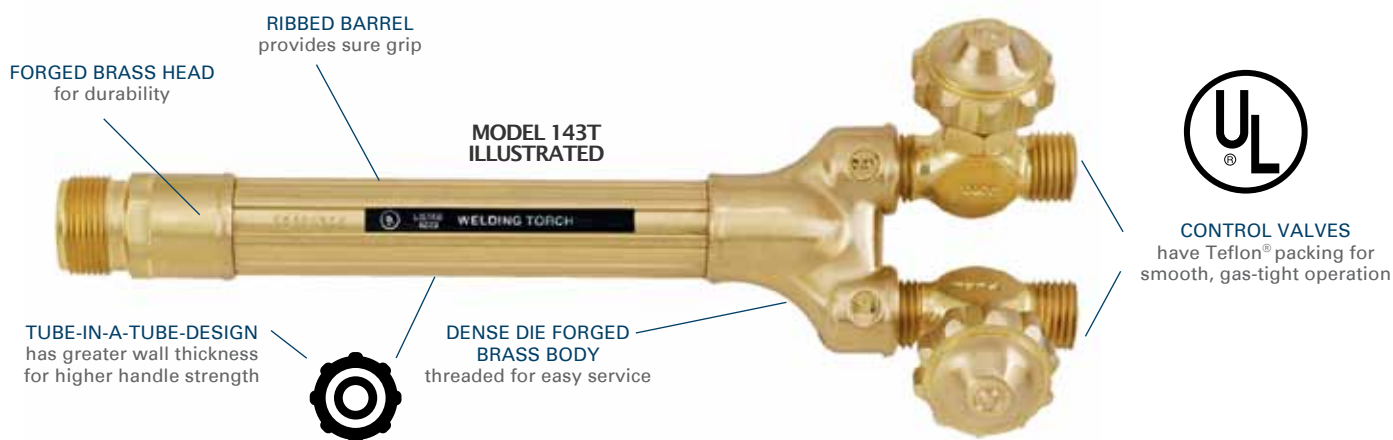


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TORCH HANDLES

GENTEC® Torch Handles are available in light, medium, and heavy duty models. Torch handles are machined from high-quality forged brass. Threaded construction facilitates easy repairs and services.

- ▶ 140T, 141T, 142T and 143T Series feature Tube-in-a-Tube design within each torch handle
- ▶ 342T Series features Gas Saver On/Off Lever, which is designed for immediate On/Off control of the oxygen and fuel gases for precise gas control. The pilot adjustment allows for maintaining a small pilot flame for immediate acceleration of the flame on the brazing tip. 342T-Y is used with Acetylene/MAPP® and 342T-F is used with other fuel gases
- ▶ 442T and 443T both feature 2 tubes within each torch handle



Model Number	Welding Range	Weight / Length	Victor® Equivalent	Uses Cutting Attachment	Uses Welding Nozzle	Uses Heating Nozzle
140T	1-1/4"	8-1/2 oz. 6"	J-28	141C	171W, 871W, 881W G17-VMA-1 GMTW, GMTT GMTR, G17-FT G13-8VM, G17	171H
141T	1-1/4"	13.3 oz. 7-3/4"	J-100C	141C	171W, 871W, 881W G17-VMA-1 GMTW, GMTT GMTR, G17-FT G13-8VM, G17	171H
141TA						
142T	1-1/4"	13.4 oz. 7-3/4"	100C	142C	172W 172WRTE 872W	172H 172HN 872H
143T	3"	1 lb. 2 oz. 8-1/2"	315C	143CA 143ACA 143SCA	173W 173WRTE 173WRTE 873W 883W	173H 173HN 175HN 873H
143TL		1 lb. 5 oz. 11"	310C			
143TLH		1 lb. 12 oz. 11"	HD310C			

Note: Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)



140T Light Duty



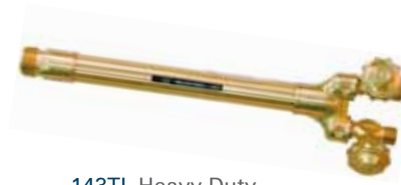
140T Light Duty
141TA Light Duty
("A" size hose fitting)



142T Medium Duty



143T Heavy Duty



143TL Heavy Duty



143TL Extra Heavy Duty

Pilot Flame Function Torch

Model Number	Welding Range	Weight / Length	Uses Cutting Attachment	Uses Welding Nozzle	Uses Heating Nozzle
342T-Y	1/2"	0.7 lb. 6-5/8"	141C	171W, 871W, 881W G17-VMA-1 GMTW, GMTT GMTR, G17-FT G13-8VM	171H
342T-F	1/2"	0.7 lb. 7-3/4"	141C	G17 881W	171HN

Note: When using heating nozzles and cutting attachment, the Pilot Flame Function should not be used.
Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)



342T-Y Light Duty



342T-F Light Duty

Model Number	Welding Range	Weight / Length	Harris® Equivalent	Uses Cutting Attachment	Uses Welding Elbow / Mixer	Uses Heating Nozzle
442T	1/2"	13.5 oz. 7-3/4"	85	442C	472W / 472M	472H-2
443T	1/2"	1.4 lbs. 9-1/2"	43-2	442C	472W / 473M	472H-2

Note: Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)



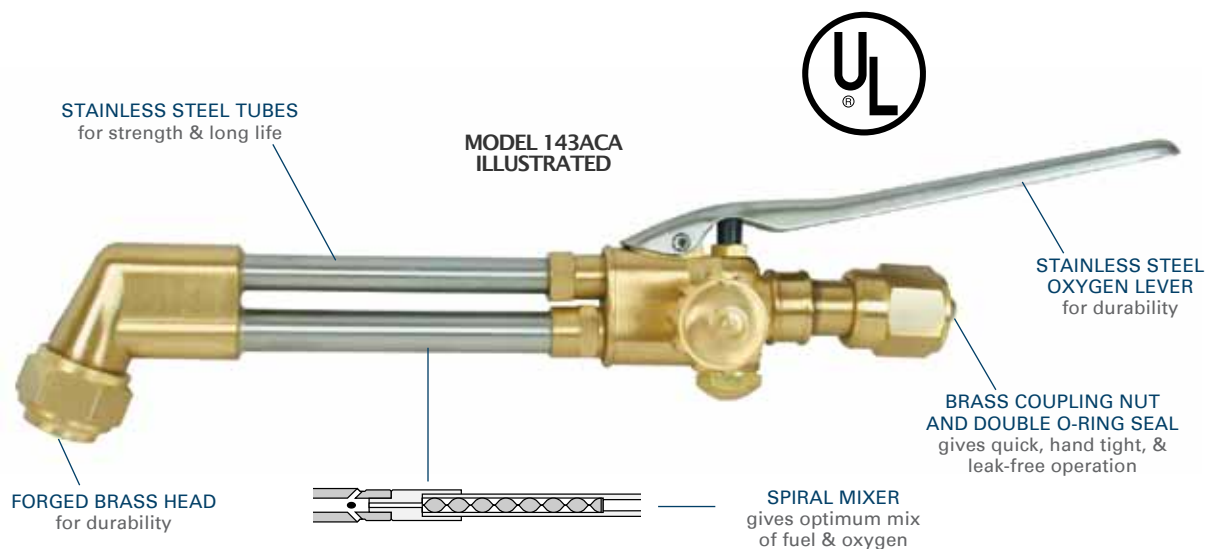
442T Medium Duty



443T Heavy Duty

CUTTING ATTACHMENTS

GENTEC® Cutting Attachments are made from high quality die-forged brass and stainless steel components. They are available in light, medium, and heavy duty models. Featuring drop-in tube mixer design, 141C, 142C, 143CA, 143ACA and 143SCA can be used with acetylene, propane, MAPP®, propylene, fuel gas, and natural gas (2 PSIG & above). 442C and 443C, both featuring a flat seat tip design and an in-head mixer, have three tubes in a triangular arrangement.



Model Number	Cutting Range	Head Angle	Weight / Length	Victor® Equivalent	Uses Torch Handle	Uses Cutting Tip
141C	3"	90°	13.8 oz. 8-1/4"	CA1260	140T, 141T 141TA, 342T	172C, 172CN 172CP, 172CG
142C	6"	90°	14 oz. 8-1/4"	CA1350	142T	172C, 172CN 172CP, 172CG
143CA	8"	90°	1 lb. 14 oz. 10-5/8"	CA2460	143T, 143TL 143TLH	173C, 173CN, 173CP 173CM, 173CG, 173CGN
143ACA		75°		CA2461		
143SCA		180°		CA2462		

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141C Light Duty



142C Medium Duty



143CA Heavy Duty



143ACA Heavy Duty



143SCA Heavy Duty

Model Number	Cutting Range	Head Angle	Weight /Length	Harris® Equivalent	Uses Torch Handle	Uses Cutting Tip
442C	5"	90°	1.5 lbs. 9-1/2"	72-3	442T	472C 472CN
443C	6"	90°	1.5 lbs. 9-1/2"	73-3	443T	472C 472CN



442C Medium Duty



443C Heavy Duty

HAND CUTTING TORCHES

GENTEC® Hand Cutting Torches are machined from high-quality forged brass and stainless steel components. 161S and 163 Series feature drop-in tube mixer design. 162 Series has a triangular tube arrangement and an in-head mixer. 263 and 363S series have inline tube arrangements and can be used with any type of fuel gas, such as acetylene, propane, natural gas, propylene, and MAPP® (2 PSIG and above). 463 Series has a triangular tube arrangement, in-head mixer, and models available for oxy-acetylene and oxy-propane cutting operations. Its balanced design and rugged construction are ideal for medium/heavy duty cutting and scraping operations.

FORGED BRASS HEAD
for durability

STAINLESS STEEL TUBES
for strength & Long life

STAINLESS STEEL OXYGEN LEVER
for durability

SMOOTH OXYGEN VALVE
provides precise oxygen flow control

MODEL 163S ILLUSTRATED

SPIRAL MIXER
gives optimum mix of fuel & oxygen

ROUND BRASS HANDLE
ribbed for solid grip and operator comfort



161 Series

Model Number	Cutting Range	Head Angle	Weight / Length	Victor® Equivalent	Uses Cutting Tip
161S-17	6"	90°	1 lb. 10 oz. / 17"	CST800C	172C, 172CN, 172CP, 172CG

Note: Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)



161S-17 Medium Duty

162 Series

Model Number	Cutting Range	Head Angle	Weight / Length	Victor® Equivalent	Uses Cutting Tip
162S-17	6"	90°	2.15 lbs. / 17"	SST900C	173C, 173CN, 173CP, 173CM, 173CG, 173CGN
162L-21	6"	90°	2.25 lbs. / 21"	ST900C	

Note: Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)



163L-21 Medium Duty

163 Series

Model Number	Cutting Range	Head Angle	Weight / Length	Victor® Equivalent	Uses Cutting Tip
163S-17	14"	90°	3 lbs. / 17"	SST1600C (SST2600)	173C, 173CN, 173CP, 173CM, 173CG, 173CGN
163L-21			3.3 lbs. / 21"	ST1600C (ST2600)	
163L-27			3.7 lbs. / 27"	ST1610C (ST2610)	
163L-36			4.3 lbs. / 36"	ST1630C (ST2630)	
163L-48			5 lbs. / 48"	ST1650C (ST2650)	
163AL-21	14"	75°	3.4 lbs. / 21"	ST1601C (ST2601)	
163AL-27			3.8 lbs. / 27"	ST1611C (ST2611)	
163AL-36			4.3 lbs. / 36"	ST1631C (ST2631)	
163AL-48			5 lbs. / 48"	ST1651C (ST2651)	
163SL-21	14"	180°	3.5 lbs. / 21"	ST1602C (ST2602)	
163SL-27			3.8 lbs. / 27"	ST1612C	
163SL-36			4.3 lbs. / 36"	ST1632C (ST2632)	
163SL-48			5 lbs. / 48"	ST1652C (ST2652)	

Note: Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)



163L-21 Heavy Duty

263 Series



263S-18 Medium Duty

Model Number	Cutting Range	Weight / Length	Uses Cutting Tip
263S-18	12"	2 Lbs. 18"	672C, 673C AIRCO® STYLE CUTTING TIPS
263L-21	12"	2 Lbs. 4 oz. 21"	

Note: Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)

363 Series



363S-18 Heavy Duty

Model Number	Cutting Range	Weight / Length	Uses Cutting Tip
363S-18	14"	2 lbs. 7 oz. 18"	672C, 673C AIRCO® STYLE CUTTING TIPS

Note: Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)

463 Series for Oxy-Acetylene Only



463E-18 Medium / Heavy Duty



463EL-21 Medium / Heavy Duty

Model Number	Cutting Range	Head Angle	Weight / Length	Harris® Equivalent	Uses Cutting Tip
463AE-18	12"	70°	3 lbs. / 18"	62-5AE	472C
463AEL-21			3.1 lbs. / 21"	62-5AEL (21")	
463AEL-36			4.1 lbs. / 36"	62-5AEL (36")	
463E-18	12"	90°	3 lbs. / 18"	62-5E	472C
463EL-21			3.6 lbs. / 21"	62-5EL (21")	
463EL-36			4.1 lbs. / 36"	62-5EL (36")	
463SE-18	12"	180°	3 lbs. / 18"	N/A	472C
463SEL-21			3.1 lbs. / 21"		
463SEL-36			4 lbs. / 36"		

Note: 48" and 72" are available for special order. Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)

463 Series for Oxy-Fuel Gases Only



463EL-36 Medium / Heavy Duty

Model Number	Cutting Range	Head Angle	Weight / Length	Harris® Equivalent	Uses Cutting Tip
463AF-18	12"	70°	3.3 lbs. / 18"	62-5AF	472CN
463AFL-21			3.4 lbs. / 21"	62-5AFL (21")	
463AFL-36			4 lbs. / 36"	62-5AFL (36")	
463F-18	12"	90°	3.3 lbs. / 18"	62-5F	472CN
463FL-21			3.4 lbs. / 21"	62-5FL (21")	
463FL-36			4 lbs. / 36"	62-5FL (36")	
463SF-18	12"	180°	3 lbs. / 18"	62-5BF	472CN
463SFL-21			3.3 lbs. / 21"	62-5BFL (21")	
463SFL-36			4.2 lbs. / 36"	62-5BFL (36")	

Note: 48" and 72" are available for special order. Available with torch end check valves (add "-CV" to model number) or flashback arrestors (add "-FA" to model number)

MACHINE CUTTING TORCHES

GENTEC® Machine Cutting Torches are designed to handle all applications of machine cutting. They are available in two-hose and three-hose versions. They can be used with various fuel gases, such as Acetylene, Propane, Natural Gas, Propylene, and MAPP®.

- High quality die-forged brass
- Stainless Steel Tubes for strength and durability
- Standard 1-3/8" diameter barrel
- Four-position rack adjustment with 90° intervals
- 32 pitch rack
- Equipped with a pair of reverse flow check valves (Model 24-CV7TPR) on inlet connections for operational safety
- Two-hose version is available in MC200 models. Three-hose version is available in MC100 and MC300 models
- Compatible with Victor® Style cutting tips



For Acetylene and Other Pressurized Gases

Series	Model Number	Cutting Range	Barrel Length	Racking Length	Uses Cutting Tip
MC100	MC105A	10"	5-1/2"	N/A	173C 173CN 173CHP 173CHN 173CP
	MC105AR		5-1/2"	4-1/2"	
MC200	MC205A	8"	5-1/2"	N/A	
	MC210A		10"	N/A	
	MC210AR		10"	7"	
MC300	MC310A	12"	10"	N/A	
	MC310AR		10"	7"	
	MC318A		18"	N/A	
	MC318AR		18"	15"	

For All Fuel Gases Except Acetylene

Series	Model Number	Cutting Range	Barrel Length	Racking Length	Uses Cutting Tip
MC100	MC105F	10"	5-1/2"	N/A	173CN 173CHP 173CHN 173CP
	MC105FR		5-1/2"	4-1/2"	
MC200	MC205F	8"	5-1/2"	N/A	
	MC210F		10"	N/A	
	MC210FR		10"	7"	
MC300	MC310F	12"	10"	N/A	
	MC310FR		10"	7"	
	MC318F		18"	N/A	
	MC318FR		18"	15"	

Replacement Racks with Installation Screws

Model Number	Length
MT100-16	4-1/2"
MT200-16	7"
MT300-16	15"

Machine Torch Holder



Check Valves

GENTEC® Check Valves prevent reverse flow of gases which can cause dangerous mixtures. Choose from four styles to fit your needs: 24-CV5 series check valves are attached to the torch ends with “A” size fittings; 24-CV7 series check valves are attached to the torch ends with “B” size fittings; 24-CV8 series check valves replace the standard “B” size outlet bushings on regulators; 24-CV9 series check valves attach to the “B” size outlet bushings on the regulators.

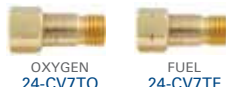
Torch End
Check Valves

24-CV5PR Pair



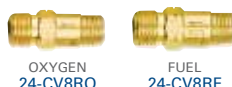
Torch End
Check Valves

24-CV7PR Pair



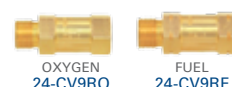
Regulator Bushing
Check Valves

24-CV8PR Pair



Regulator Bushing Adapter
Check Valves

24-CV9PR Pair



Note: Check valves are not flashback arrestors and should not be used as such! Whichever check valve type you may choose, torch end, regulator bushing, or regulator bushing adapter, GENTEC® recommends the use of check valves between the torch and the regulator at all times.

Quick Connectors

GENTEC® Quick Connectors provide fast, reliable, and easy setup for welding, cutting, and brazing applications. They ensure pressure-tight connections made in seconds.

- Built-in automatic reset check valves prevent reverse flow of gas by cutting off the gas under back pressure
- Oxygen and Fuel gas models are not interchangeable in order to prevent wrong connections
- Maximum working pressure: 29 PSI for fuel gases, 145 PSI for oxygen
- Gas must be shut off at regulators when disconnected
- Color-coded for fast, efficient, and safe handling
- 9/16”-18 connections are standard
- 3/8”-24 connections are available. To order, add “-A” to the model numbers

Regulator-To-Hose

QC-RHPR Pair



Hose-To-Hose Quick

QC-HHPR Pair



Hose-To-Torch

QC-HTPR Pair



Type	Pair Model Number	Single Model Number	Gas Service	Component Model Number (Female Socket/Male Plug)
Regulator To Hose	QC-RHPR	QC-RHF	Fuel	QC-RHF-F / QC-RHF-M
		QC-RHX	Oxygen	QC-RHX-F / QC-RHX-M
Hose To Hose	QC-HHPR	QC-HHF	Fuel	QC-HHF-F / QC-HHF-M
		QC-HHX	Oxygen	QC-HHX-F / QC-HHX-M
Hose To Torch	QC-HTPR	QC-HTF	Fuel	QC-HTF-F / QC-HTF-M
		QC-HTX	Oxygen	QC-HTX-F / QC-HTX-M

FLASHBACK ARRESTORS

GENTEC® Flashback Arrestors are specially designed to prevent personal injury and damage to equipment from severe flashbacks. GENTEC® flashback arrestors are available for regulators, torches, and pipes.

- Outlet connection: 9/16"-18LH and 3/8"-24LH are for Acetylene and Fuel gas models; 9/16"-18RH and 3/8"-24RH are for Oxygen models; 3/8"-24LH and 3/8"-24RH are available for torches and regulators only
- Sintered Metal Flame Arresting Filter quenches the flame from severe flashbacks
- Built-in automatic reset Check Valve prevents the reverse flow of gas by temporarily cutting off the gas
- FA10 and FA20 Series are equipped with a Heat Sensitive Cut-off Valve which automatically shuts off gas supply and cannot be reset
- FA23 Series is equipped with a Pressure Sensitive Cut-off Valve, which automatically shuts off gas supply and can be manually reset, and a Pressure Relief Valve, which relieves excess pressure and fumes in the event of a flashback

Pair Model Number	Single Model Number	Fits	Gas Service	Working Pressure (PSI)	Flow Capacity (SCFH)	Connection	Equipped
FA5TPR	FA5TF	Torch	Acetylene, Fuel	15	70	3/8"-24LH	Check Valve
	FA5TO		Oxygen	145	706	3/8"-24RH	
FA5RPR	FA5RF	Regulator	Acetylene, Fuel	15	70	3/8"-24LH	Check Valve
	FA5RO		Oxygen	145	706	3/8"-24RH	
FA7TPR	FA7TF	Torch	Acetylene, Fuel	15	70	9/16"-18LH	Check Valve
	FA7TO		Oxygen	145	706	9/16"-18RH	
FA7RPR	FA7RF	Regulator	Acetylene, Fuel	15	70	9/16"-18LH	Check Valve
	FA7RO		Oxygen	145	706	9/16"-18RH	
N/A	FA10RF	Regulator	Acetylene, Fuel	15	350	9/16"-18LH	Check Valve Thermal Cut-Off
	FA10RO		Oxygen	145	1060	9/16"-18RH	
N/A	FA20PF	Pipe	Acetylene, Fuel	15	350	9/16"-18LH	Check Valve Thermal Cut-Off
	FA20PO		Oxygen	145	1240	9/16"-18RH	
N/A	FA23RF	Regulator	Acetylene, Fuel	15	350	9/16"-18LH	Check Valve Pressure Relief & Pressure Cut-Off
	FA23RO		Oxygen	145	1410	9/16"-18RH	

Torch

FA5TPR Pair



Regulator

FA5RPR Pair



Torch

FA7TPR Pair



Regulator

FA7RPR Pair



Regulator



Pipe



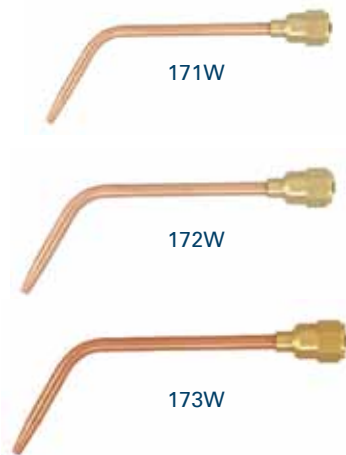
Regulator



Oxy-Acetylene & Oxy-Hydrogen Welding Nozzles

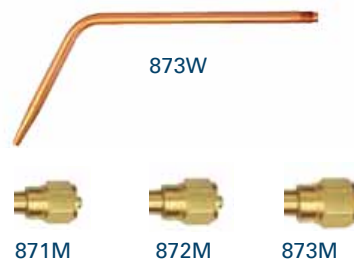
- Red copper tip ends
- Ideal for soldering, brazing, heating, hardfacing, etc.
- 171W, 172W, and 173W use one-piece elbow tips
- Victor® compatible

Nozzle Series	Victor® Equivalent	Sizes Available	Fits Torch Handles	Type
171W	W-J	000-6	140T, 141T 141TA, 342T-Y 10CM (000-0)	1 PIECE
172W	W-1		142T	
173W	W		143T 143TL 143TLH	



Welding Elbows & Mixers of 171W, 172W & 173W

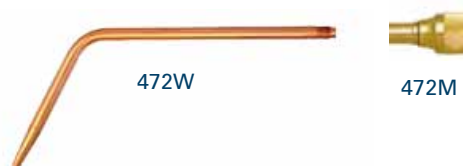
Elbow Series	Victor® Equivalent	Sizes Available	Mixer Model Number	Victor® Equivalent	Fits Torch Handles	Nozzle Series
871W		000-4	871M	4-UM-J	140T, 141T 141TA, 342T-Y 10CM (000-0)	171W
		5, 6	871M-7	7-UM-J		
872W	ET	000-2	872M	4-UM-1	142T	172W
	ET-1	3, 4		7-UM-1		
872W	ET	5, 6	872M-7			
873W	ET	000-2	873M	2-UM	143T 143TL 143TLH	173W
		3, 4	873M-4	4-UM		
		5, 6	873M-6	6-UM		
		8, 10	873M-10	10-UM		



Oxy-Acetylene Welding Elbows & Mixers

- Red copper tip ends
- Ideal for soldering, brazing, heating, hardfacing, etc.
- Harris® compatible

Elbow Series	Harris® Equivalent	Sizes Available	Mixer Model Number	Harris® Equivalent	Fits Torch Handle
472W	23A90	0-8	472M	D-85	442T
			473M	E-43	443T



MULTIPLE-GAS WELDING NOZZLES

Multi-Gas Welding Nozzles

- Replaceable tip ends
- Ideal for brazing and heating
- Victor® compatible



173WRTE



G17



173WRTEN

Nozzle Series	Gas Service	Victor® Equivalent	Fits Torch Handles	Sizes Available	Type	Elbow Number	Tip Number
173WRTE	OXY-ACET.	RTE	143T, 143TL 143TLH	0-6	2 PIECE	883W	883TE
G17	OXY-FUEL	UN-J+TEN	140T, 141T 141TA, 342T-F	0-6	2 PIECE	881W	883TEN 883TEN 883TEN
172WRTEN		UN-1+TEN	142T	0, 2, 4, 6	2 PIECE	882W	
173WRTEN		RTEN	143T, 143TL 143TLH	0, 2, 4, 6, 8	2 PIECE	883W	

Multi-Gas Welding Elbows

Model Number	Victor® Equivalent	Fits Torch Handle	Fits Tip End Number
881W	UN-J	140T, 141T 141TA, 342T	883TE-0~5 883TEN-0~5 883TEMFA-1~5
882W	UN-1	142T	
883W	UN	143T 143TL 143TLH	



883W

Multi-Gas Welding Replacement Tip Ends

Tip End Series	Gas Service	Victor® Equivalent	Sizes Available	Thread	Fits Elbows & Nozzles
883TE	OXY-ACET.	TE	0-5	5/16"-27	881W, 882W, 883W, 173WRTE -0~5
			6	0.393"-27	173WRTE-6
883TEMFA	OXY-ACET.	TEMFA	1-5	5/16"-27	881W, 882W, 883W
883TEN	OXY-FUEL	TEN	0-5	5/16"-27	881W, 882W, 883W, 172WRTEN -0, 2, 4, 173WRTEN -0, 2, 4
			6, 8	0.393"-27	172WRTEN-6, 173WRTEN-6, 8



883TE



883TEMFA



883TEN

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Mini-Style Oxy-Acetylene Brazing Tips

Mini-Style Oxy-Acetylene Brazing Tips, rugged and short, are designed to provide precise and concentrated heat up to 6000°F.



GMTW Welding Tip



GMTR Rosebud Tip



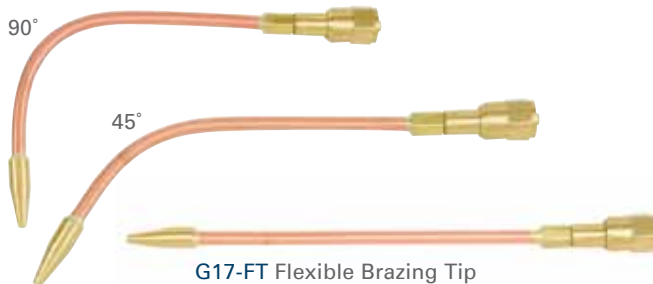
GMTT Welding Tip

Model Number	Brazing Capacity	Overall Length	Fits Torch Handles
GMTW-1	1/2"	3"	140T, 141TA, 342T-Y, 10CM
GMTW-2	1"	3"	
GMTT	1"	4"	
GMTR	1-1/2"	4"	

Flexible Oxy-Acetylene Brazing Tips

G17-FT Flexible Brazing Tip has a 9" long flexible elbow that can be shaped to provide flexibility for various flame positions. It can be reshaped for the next application.

Model Number	Fits Torch Handles
G17-FT	140T, 141TA, 342T-Y



G17-FT Flexible Brazing Tip

G13-8VM Flexible Twin Heating Tip has two flexible elbows that can be shaped to provide flexibility for various flame positions. It can be reshaped for the next application.

Model Number	Fits Torch Handles
G13-8VM	140T, 141TA, 342T-Y

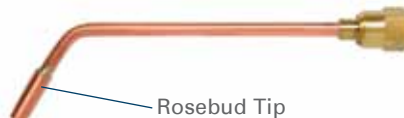


G13-8VM Flexible Twin Heating Tip

Oxy-Acetylene Rosebud Heating Tip

G17-VMA-1 Oxy-Acetylene Rosebud tip is a multi-flamed tip designed for soldering, brazing, and heating in confined areas.

Model Number	Fits Torch Handles	Size Available
G17-VMA-1	140T, 141TA, 342T-Y	1



Rosebud Tip

HEATING NOZZLES

Oxy-Acetylene & Oxy-Hydrogen Heating Nozzles

- Ideal for preheating, straightening, etc.
- 173H-12 and 173H-15 are also used for propylene based fuel gases and MAPP®
- G17-VMA-1 is designed for heating in confined areas
- Victor® compatible



G17-VMA-1



171H



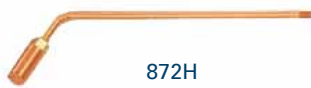
172H



173H

Nozzle Series	Victor® Equivalent	Sizes Available	Fits Torch Handles
G17-VMA-1	VMA-1-15	1	140T, 141T, 141TA, 342T-Y
171H	MFA-J	2, 4, 6	140T, 141T, 342T-Y
172H	MFA-1	2, 4, 6, 8	142T
173H	MFA	4, 6, 8, 10, 12, 15	143T, 143TL, 143TLH

Heating Elbows & Mixers of 171H, 172H & 173H



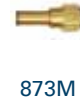
872H



872M



873H



873M

Elbow Series	Sizes Available	Mixer Model Number	Nozzle Series	Fits Torch Handles
871H	2, 4, 6	871M-7	171H	140T, 141T, 141TA, 342T-Y
872H	2, 4, 6	872M	172H	142T
	8	873M-7		
873H	4, 6, 8, 10, 12, 15	873M-10	173H	143T, 143TL, 143TLH

Oxy-Propane & Oxy-Natural Gas Heating Nozzles

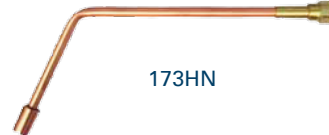
- Ideal for preheating, straightening, etc.
- Heavy swaged copper tip with recessed face



171HN



172HN



173HN

Nozzle Series	Victor® Equivalent	Sizes Available	Fits Torch Handles
171HN	MFN-J	6, 8	140T, 141T, 141TA, 342T-Y
172HN	MFN-1	6, 8	142T
173HN	MFN	8, 10, 12, 15, 20	143T, 143TL, 143TLH

Oxy-Acetylene Heating Elbows & Mixers

- Ideal for preheating & straightening
- Harris® compatible



472H-2



472M



473M

Model Number	Harris® Equivalent	Size Available	Mixer Model Number	Harris® Equivalent	Fits Torch Handles
472H-2	J-63-2	2	472M	D-85	442T
			473M	E-43	443T

175HN Fuel Gas (Except Acetylene) Heating Nozzles

- Use with any fuel gas except acetylene
- Components of 175HN series are available
- Replaceable red copper heating tips for longer service
- Threaded elbows provide the extension of these nozzles
- Ideal for pre-heating, straightening, etc.
- Victor® type 55 compatible



175HN

Nozzle Series	Victor® Equivalent	Sizes Available	Fits Torch Handles	Elbow Length
175HN	TYPE 55	10, 15, 20	143T 143TL 143TLH	28"

Heating Elbows

Heating Head & Mixer

Model Number	Length	Angle	Fits Torch Handles
875HEL-14	14"	65°	143T 143TL 143TLH
875HEL-26	26"	65°	
875HEL-28	28"	180°	

Head Series	Sizes Available
875HRB	10, 15, 20

Mixer Model Number
876M



875HEL



875HRB



876M

GENTEC® Cutting Tips are precision machined from high quality copper alloys for durability. The gas passages for single-piece acetylene tips are accurately swage-formed and shaped on polished mandrels for smooth and efficient gas flow. Dual-piece tips, featuring an internal spline configuration are designed for alternate fuel gases, and offer the optimum in cutting performance. High speed cutting tips feature stainless steel insert core for longer life. All tips are 100% flame tested.

Victor® Style Cutting Tips



172C



172CN



172CP



173C



173CN



173CP



172CM

Tip Series	Victor® Equivalent	Sizes Available	Type	Gases
172C	3-101	000-6	1 PIECE	ACETYLENE
172CN	3-GPN	000-5	2 PIECE	NATURAL GAS/PROPANE
172CP	3-GPP	0, 1, 2	2 PIECE	PROPYLENE/MAPP®
173C	1-101	000-8	1 PIECE	ACETYLENE
173CN	GPN	000-8	2 PIECE	NATURAL GAS/PROPANE
173CP	GPP	00-5	2 PIECE	PROPYLENE/MAPP®
173CM	GPM	0, 1, 2	2 PIECE	MAPP®

Victor® Style Scarfing - Gouging Tips



172CG



173CG



173CGN

Tip Series	Victor® Equivalent	Sizes Available	Type	Gases
172CG	3-118	2	1 PIECE	ACETYLENE
173CG	1-118	0, 2, 4	1 PIECE	ACETYLENE
173CGN	1-234	2	1 PIECE	NATURAL GAS/PROPANE

Victor® Style Machine Torch High Speed Cutting Tips

■ Stainless Steel Inner Core

Tip Series	Victor® Equivalent	Sizes Available	Type	Gases
173CHP	MTHP	00-4	2 PIECE	PROPYLENE/MAPP®
173CHN	MTHN	00-6	2 PIECE	NATURAL GAS/PROPANE



173CHP



173CHN



HARRIS® Style Cutting Tips

Tip Series	Harris® Equivalent	Sizes Available	Type	Gases
472C	6290	000-6	1 PIECE	ACETYLENE
472CN	6290NX	000-6	2 PIECE	NATURAL GAS/PROPANE



472C



472CN

HARRIS® Machine Torch High Speed Cutting Tips

Tip Series	Harris® Equivalent	Sizes Available	Type	Gases
473CHN	6290-VVC	0-8	2 PIECE	NATURAL GAS/PROPANE



473CHN

CONCOA®/AIRCO® Style Cutting Tips

Tip Series	Concoa®/Airco® Equivalent	Sizes Available	Type	Gases
672C	144	0-2	1 PIECE	ACETYLENE
673C	164	0-2	1 PIECE	ACETYLENE



672C



673C

KOIKE/AIRCO® Style Machine Torch High Speed Cutting Tips

Tip Series	Koike®/Airco® Equivalent	Sizes Available	Type	Gases
672CHN	107D7	0-8	2 PIECE	NATURAL GAS
673CHNP	106D7	0-8	2 PIECE	PROPANE / PROPYLENE



672CHN



673CHNP



SMITH® Style Cutting Tips

Tip Series	Smith® Equivalent	Sizes Available	Type	Gases
572C	MC12	0-3	1 PIECE	ACETYLENE
572CN	MC40	1, 2	2 PIECE	NATURAL GAS/PROPANE
573C*	SC12	1, 2	1 PIECE	ACETYLENE

* 573C Series can also be used on machine torch



572C



573C

ESAB®/ PUROX® Style Cutting Tips

Tip Series	ESAB/Purox® Equivalent	Sizes Available	Type	Gases
772C	4202/16K	2, 4, 6	1 PIECE	ACETYLENE



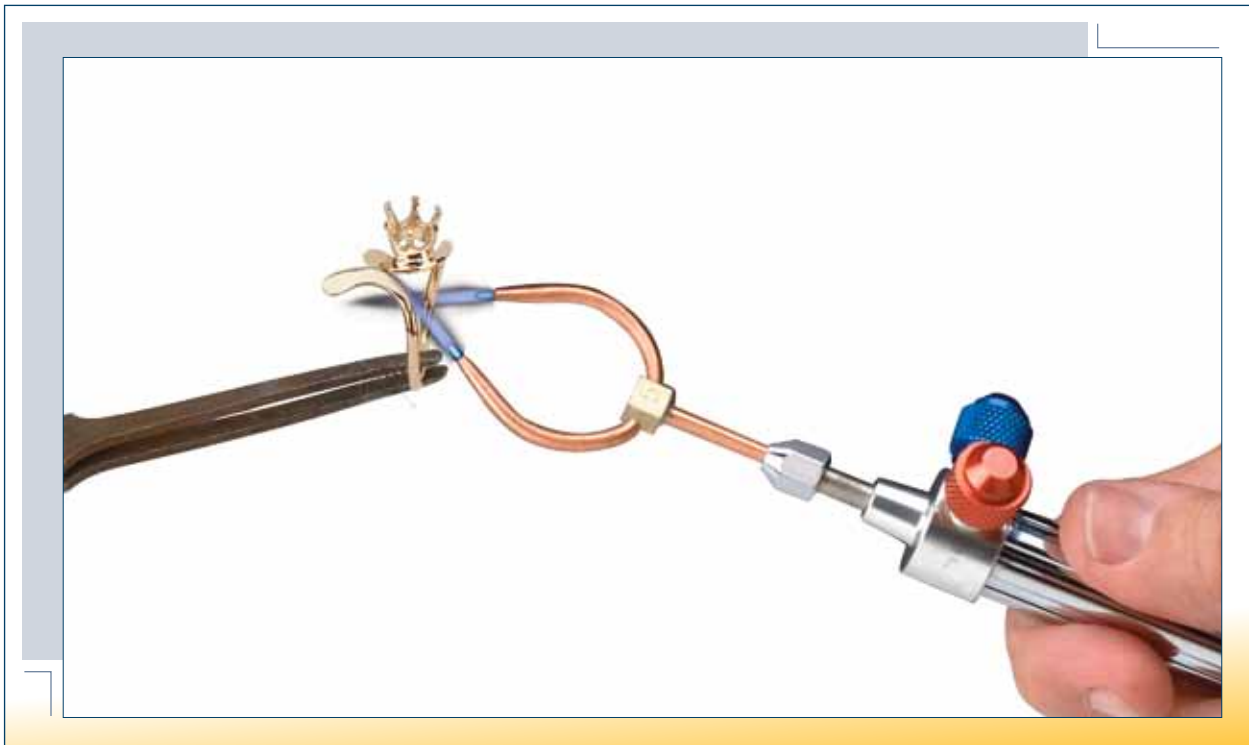
772C

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Craft • Hobby • Jewelry

GENTEC® lightweight and durable oxy-fuel Small Torch™ provides precision flame adjustment and control for soldering and brazing jobs on small parts or in very tight spaces. The small-size, chrome-plated brass torch handle, with stainless steel internal tubing and the small copper tips, provides the durability one needs. The 1/8" I.D. strong and flexible color-coded (green for oxygen and red for fuel gas) twin hoses are easy to maneuver. The Small Torch™ is perfect for hobby, craft, glass blowing, electronic repair and manufacturing. It is also good for light duty metal sculpture and HVAC/R repair.

- ▶ The Small Torch Kit™ is available with theft deterrent point-of-purchase display packaging
- ▶ Lightweight durable construction with chrome-plated solid brass body and stainless steel inner gas tubes
- ▶ Easy manipulation in very tight spaces
- ▶ Designed to braze and solder the smallest of materials
- ▶ Can melt up to 3 oz of silver and weld up to 5/32" thick steel
- ▶ Oxy-Acetylene and Oxy-Fuel Kits
- ▶ Provides a stable and precise concentrated feather flame up to 6000° F
- ▶ Oxy-Fuel Kit (KSTP14-TSP) is available for use with disposable oxygen and 1 lb Propane/ MAPP® gas cylinders
- ▶ Durable and Flexible hoses with "B" connections ("A" connection adapters are available)
- ▶ SMITH EQUIPMENT® The Little Torch™ compatible



SMITH EQUIPMENT® and The Little Torch™ are registered trademarks of Illinois Tool Works Inc. which is not associated with Genstar Technologies Co., Inc.

Oxy-Acetylene & Oxy Fuel Anti-Theft Packaging Kits with Cylinders

Model Number	Gas Service	Torch Handle	Tips	Hoses	Oxygen Regulator	Fuel Regulator	Cylinder Stand	Cylinder Oxygen / Fuel
KSTA16-TCSP*	ACETYLENE	10ST	10STP-3~7	HST18-6 w/Check Valves**	710X-80	710Y-15	CRT10	CY20-540 / CY10-MC
KSTA16TC-H12SP*	ACETYLENE	10ST	10STP-3~7	HST18-12 w/Check Valves**	710X-80	710Y-15	CRT10	
KSTP16TC-H12SP*	PROPANE	10ST	10STP-3~7	HST18-12 w/Check Valves**	710X-80	GRST-LP***	CRT10	CY20-540 / N/A

* Kits include MC Tank Wrench: 27-0005

** Check Valve model number: 24-CV9PR (pair)

*** Use with Disposable Cylinders



KSTA16TC-H12SP

Oxy-Acetylene & Oxy-Fuel Kits

Model Number	Gas Service	Torch Handle	Tips	Hoses	Oxygen Regulator	Fuel Regulator	Cylinder Stand
KSTA04SP	ACET./PROP./MAPP®	10ST	10STP-4	HST18-06	N/A	N/A	N/A
KSTA06SP	ACETYLENE	10ST	10STP-2~6	HST18-06	N/A	N/A	N/A
KSTA06-H12SP	ACETYLENE	10ST	10STP-2~6	HST18-12	N/A	N/A	N/A
KSTP06-H12SP	PROPANE/MAPP®	10ST	10STP-3~7	HST18-12	N/A	N/A	N/A
KSTP14-TSP	PROPANE/MAPP®	10ST	10STP-4	HST18-06	GRST-X**	GRST-X**	CRTST
KSTP14-540SP	PROPANE/MAPP®	10ST	10STP-4	HST18-06	710X-80	GRST-LP**	N/A
KSTA16SP	ACETYLENE	10ST	10STP-2~6	HST18-06	710X-80	710Y-15	N/A
KSTA16-BSP	ACETYLENE	10ST	10STP-2~6	HST18-06	710X-80	710Y-15-5	N/A
KSTA16-H12SP	ACETYLENE	10ST	10STP-2~6	HST18-12	710X-80	710Y-15	N/A
KSTA16B-H12SP	ACETYLENE	10ST	10STP-2~6	HST18-12	710X-80	710Y-15-5	N/A
KSTP16SP	PROPANE/MAPP®	10ST	10STP-3~7	HST18-06	710X-80	710F-80	N/A
KSTP16-H12SP	PROPANE/MAPP®	10ST	10STP-3~7	HST18-12	710X-80	710F-80	N/A

**Use with Disposable Cylinders



KSTP14-TSP



KSTA06-H12SP



KSTA16-H12SP

MAPP® is a registered trademark of BOC Group, Inc., which is not associated with Genstar Technologies Co., Inc.

TEH SMALL TORCH COMPONENTS

Compressed Gas Regulators

To order skin package, add "SP" after the model number Example: GRST-XSP

Model Number	Gas Service	Inlet Connection	Outlet Connection
GRST-X*	OXYGEN	CGA 601	9/16"-18RH(M)
GRST-LP*	PROPANE/MAPP®	CGA 600	9/16"-18LH(M)
710X-80	OXYGEN	CGA 540 REAR	9/16"-18RH(M)
710X-80-A	OXYGEN	CGA 540 REAR	3/8"-18RH(M)
710Y-15-5	ACETYLENE	CGA 520 REAR	9/16"-18LH(M)
710Y-15	ACETYLENE	CGA 200 "MC" REAR	9/16"-18LH(M)
710F-80	PROPANE/MAPP®	CGA 510 REAR	9/16"-18LH(M)

*Use with Disposable Cylinders



GRST-X



GRST-LP



710Y-15



710X-80

Replacement Hoses (Include Ferrules)

Model Number	Gas Service	Dimension	Connection
HST18-06	OXY/FUEL(TWIN)	1/8"x6'	9/16"-18RH/LH(F)
HST18-12	OXY/FUEL(TWIN)	1/8"x12'	9/16"-18RH/LH(F)



HST18-06

Oxy-Acetylene / Oxy-Fuel Torch Handle - 11ST & 10ST Series

Model Number	Gas Service	Torch Handle & Hose
11ST	OXY-ACET./FUEL	TORCH HANDLE (STAR KNOB) ONLY
10ST	OXY-ACET./FUEL	TORCH HANDLE ONLY
10ST-H06	OXY-ACET./FUEL	TORCH HANDLE w/6' HOSE
10ST-H12	OXY-ACET./FUEL	TORCH HANDLE w/12' HOSE



11ST



10ST



10ST with Hose

Oxy-Acetylene / Oxy-Fuel Tips

CURVED TIPS

#2 and #3 Tips fitted with synthetic sapphire to assure superior flame control

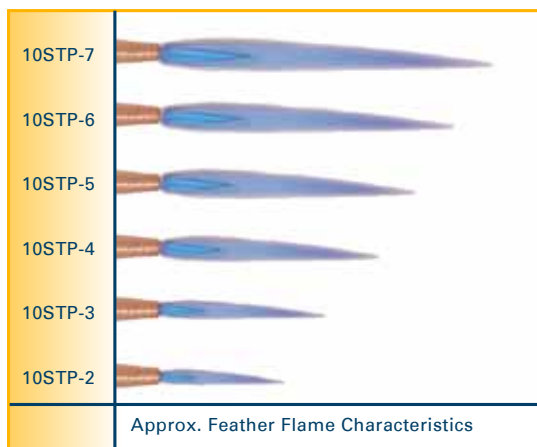


10STP

Model Number	Size	Gas Service
10STP-2	#2	OXY-ACETYLENE
10STP-3	#3	OXY-ACETYLENE/PROPANE/MAPP®
10STP-4	#4	OXY-ACETYLENE/PROPANE/MAPP®
10STP-5	#5	OXY-ACETYLENE/PROPANE/MAPP®
10STP-6	#6	OXY-ACETYLENE/PROPANE/MAPP®
10STP-7	#7	OXY-ACETYLENE/PROPANE/MAPP®

CURVED TIPS COMBO PACK (SKIN PACKAGE)

Model Number	Size
10STP-2~6SP	2, 3, 4, 5, 6
10STP-3~7SP	3, 4, 5, 6, 7



Approx. Feather Flame Characteristics

TWIN TIPS

Model Number	Size	Gas Service
10STP-3C	3	OXY-ACETYLENE/PROPANE/MAPP®
10STP-4C	4	OXY-ACETYLENE/PROPANE/MAPP®
10STP-5C	5	OXY-ACETYLENE/PROPANE/MAPP®



10STP-3C

Multi-Flame Rosebud Heating Tips

Model Number	Length	Gas Service
10STP-HF6	6"	OXY-PROPANE/MAPP®
10STP-HY6	6"	OXY-ACETYLENE



10STP-HF6

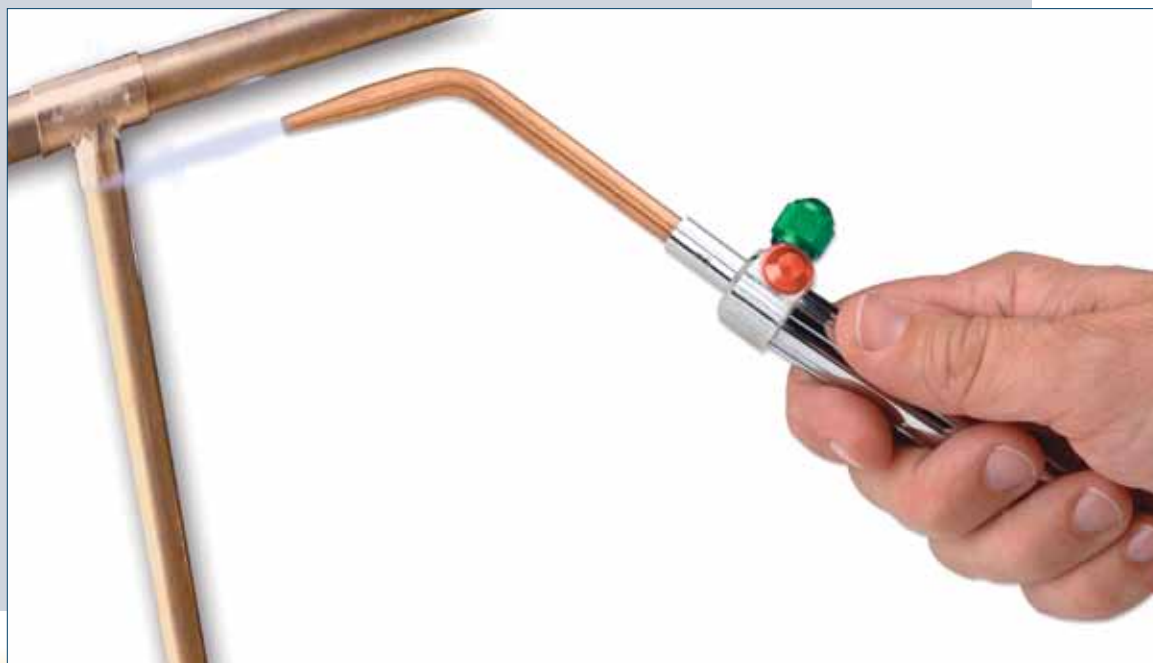


10STP-HY6

HVAC & Plumbing

GENTEC® COMPACT TORCH™ gets you into tight spaces and allows you to do more precise work than any other torch on the market! The Compact Torch's small size, chrome-plated brass torch handle with stainless steel internal tubing and copper tips provides the durability one needs. The easily maneuverable 12-foot extra flexible twin hoses have "B" fittings for larger regulator connections. The Compact Torch™ is perfect for soldering and brazing jobs in HVAC & Plumbing industries. "A" fitting adaptors for light/medium duty regulators are included with all Compact Torch™ Kits. Optional torch tips can be used for Oxy-Acetylene, Oxy-Propane or Oxy-MAPP® gases.

- ▶ Lightweight durable construction with chrome-plated brass body and stainless steel inner gas tubes
- ▶ Easy manipulation in tight spaces
- ▶ Tips have double o-ring seats to ensure leak-proof connections
- ▶ Designed to braze and solder the smallest jobs up to 1-1/4" copper tubing
- ▶ Oxy-Acetylene and Oxy-Fuel Kits
- ▶ Durable and extra flexible hoses with "B" connections ("A" adaptors included in all kits)



THE COMPACT TORCH™ COMPONENTS

Oxy-Acetylene Anti-Theft Packaging Kit with Cylinders

Model Number	KCMA16TCSP
GAS SERVICE:	OXY-ACETYLENE
TORCH HANDLE:	10CM
TIPS:	10CMP-GMTT 10CMP-GMTR 10CMP-4 10CMP-6
TWIN HOSES:	HST18-12 (12')
OXYGEN REGULATOR*:	710X-80G
ACETYLENE REGULATOR*:	710Y-15G
OXYGEN CYLINDER:	CY20-540
ACETYLENE CYLINDER:	CY10-MC
TANK WRENCH:	27-0005
CYLINDER CARRIER:	CRT10
CHECK VALVES:	24-CV9PR

*This regulator comes with gauge guards



KCMA16TCSP

Oxy-Acetylene & Oxy-Fuel Kits

Model Number	Gas Service	Torch Handle	Tips	Hose	Oxygen Regulator	Fuel Regulator
KCMA04SP	ACETYLENE	10CM	10CMP-4	HST18-12	N/A	N/A
KCMA26SP	ACETYLENE	10CM	10CMP-GMTT, 10CMP-GMTR, 10CMP-4, 10CMP-6	HST18-12	N/A	N/A
KCMA16-BSP	ACETYLENE	10CM	10CMP-4	HST18-12	710X-80	710Y-15-5
KCMA16SP	ACETYLENE	10CM	10CMP-GMTT, 10CMP-GMTR, 10CMP-4, 10CMP-6	HST18-12	710X-80	710Y-15
KCMP16SP	PROPANE/MAPP®	10CM	10CMP-GMTT, 10CMP-GMTR, 10 CMP-3, 10CMP-7	HST18-12	710X-80	710F-80



KCMA16SP



KCMA26SP



KCMA04SP

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Compressed Gas Regulators

Model Number	Gas Service	Inlet Connection	Outlet Connection
710X-80	OXYGEN	CGA540 REAR	9/16"-18RH(M)
710X-80G			
710Y-15-5	ACETYLENE	CGA520 REAR	9/16"-18LH(M)
710Y-15	ACETYLENE	CGA200 "MC" REAR	9/16"-18LH(M)
710Y-15G			
710F-80	PROPANE/MAPP®	CGA510 REAR	9/16"-18LH(M)



710Y-15



710X-80



710Y-15G



710X-80G

Replacement Twin Hoses (Include Ferrules)

Model Number	Gas Service	Dimension	Connection
HST18-12	OXY/FUEL(TWIN)	1/8" x 12'	9/16"-18RH/LH(M)



HST18-12

Oxy-Acetylene/Oxy-Fuel Torch Handle - 10CM Series

Model Number	Gas Service	Description
10CM	OXY-ACET./FUEL	TORCH HANDLE ONLY
10CM-H12	OXY-ACET./FUEL	TORCH HANDLE w/12' HOSE



10CM-H12



10CM

Torch Handle Components - Torch Valve Stems

Model Number	Description
T10-82B	GREEN VALVE (OXYGEN)
T10-83B	RED VALVE (FUEL)

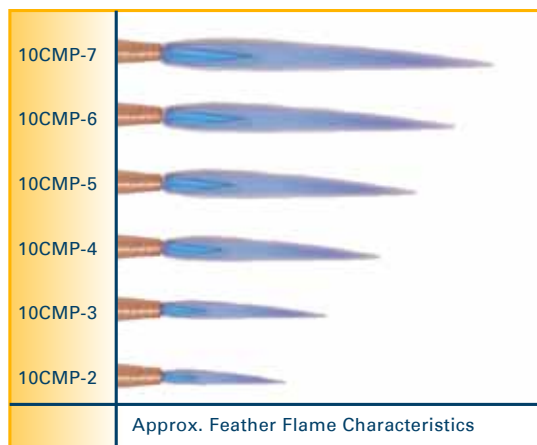
THE COMPACT TORCH™ COMPONENTS

Oxy-Acetylene/Oxy-Fuel Tips

Model Number	Size	Gas Service
10CMP-2	2	OXY-ACETYLENE
10CMP-3	3	OXY-ACETYLENE/PROPANE/MAPP®
10CMP-4	4	OXY-ACETYLENE/PROPANE/MAPP®
10CMP-5	5	OXY-ACETYLENE/PROPANE/MAPP®
10CMP-6	6	OXY-ACETYLENE/PROPANE/MAPP®
10CMP-7	7	OXY-ACETYLENE/PROPANE/MAPP®
171W-000	000	OXY-ACETYLENE
171W-00	00	OXY-ACETYLENE
171W-0	0	OXY-ACETYLENE



BRAZING TIP COMPARISON CHART		
Model Number	Brazing Tip Capacity For Copper	W-J Comparison
10CMP-2	1/8" - 1/4" (3-6mm)	N/A
10CMP-3	1/8" - 1/2" (3-12mm)	000
10CMP-4	1/8" - 3/4" (3-19mm)	00
10CMP-5	1/4" - 7/8" (6-23mm)	0
10CMP-6	1/4" - 1" (6-26mm)	1
10CMP-7	3/8" - 1 1/8" (10-29mm)	2
GMTR	1/4" - 1" (6-26mm)	N/A
GMTR	3/8" - 1 1/4" (10-32mm)	N/A



Replacement O-Rings for 10CMP

Model Number	Description
T110-26	LARGE O-RING
T110-27	SMALL O-RING

Multi-Flame Rosebud Heating Tip

Model Number	Gas Service
10CMP-GMTR	OXY-ACETYLENE



Twin Tip

Model Number	Gas Service
10CMP-GMTT	OXY-ACET./PROPANE/MAPP®



Tip Combo Pack (Skin Package)

Model Number	Tips	Gas Service
10CMP-C3SP	10CMP-GMTT (Twin Tip)	OXY-PROPANE/MAPP®
	10CMP-GMTR (Multi-Flame)	
	10CMP-3 (Curved Tip #3)	
	10 CMP-7 (Curved Tip #7)	
10CMP-C4SP	10CMP-GMTT (Twin Tip)	OXY-ACETYLENE
	10CMP-GMTR (Multi-Flame)	
	10CMP-4 (Curved Tip #4)	
	10 CMP-6 (Curved Tip #6)	

10CMP-GMTT

MUL-T-TORCH™ AIR PROPANE TORCH OUTFIT & COMPONENTS

WBK-500 MUL-T-TORCH™ Air Propane Torch Outfit

- Designed for heavy-duty outdoor applications
- Large volume of heat (up to 500,000 BTUs) for weed burning, ice melting, asphalt removal, and many other applications
- For use with standard 20lb bar-b-que and larger liquid propane tanks
- All steel torch handle and torch head
- Excess flow safety valve shuts off flow when hose is accidentally cut or melted
- 10' durable hose and single-flint striker are included in the outfit
- Brass control knob will not freeze up in cold weather
- For use with propane only

KIT COMPONENTS	
Model Number	Description
WB-500T	500,000 BTU REPLACEMENT TORCH WITH BRASS VALV E
HWB-10CV	10' REPLACEMENT HOSE WITH P.O.S SAFETY VALVE
24-CVWB	EXCESS FLOW SAFETY VALVE



COMPRESSED GAS REGULATORS

GENTEC® Compressed gas regulators are manufactured using state-of-the-art equipment. They are produced, assembled, and tested by an experienced, proud, and dedicated work force that is committed to the highest standards of product integrity. They are suitable for a variety of gas pressure reduction and control requirements such as welding, cutting, heating, and brazing.

GENTEC® flow gauge and flowmeter regulators provide accurate regulation and measurement of gas flow for use in commercial, industrial, welding, and laboratory applications. Models are available with preset and adjustable flow rates.

SAFETY

QUALITY

ACCURACY

RELIABILITY

AFFORDABILITY

REGULATORS

LIQUID CYLINDER REGULATORS

FLOW GAUGE REGULATORS

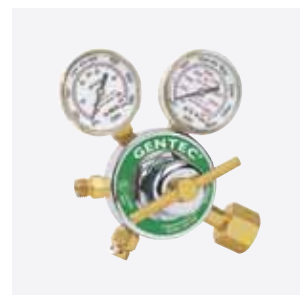
GAS SAVING FLOWMETER REGULATORS

FLOWMETER REGULATORS

BALLOON FILLER REGULATORS

GAUGE PROTECTORS

- AIR
- OXYGEN
- ACETYLENE
- METHANE
- PROPANE
- HYDROGEN
- BUTANE
- NITROGEN
- ARGON
- CO2
- HELIUM
- OTHER GASES



591 Series High Pressure Piston Regulators

Model 591 Series High Pressure Piston Regulators feature a reliable piston design for precise gas control at high inlet and delivery pressures rating up to 4500 PSIG. Like all GENTEC® quality products, the 591 Series provides superior performance and safety features.

- Piston-type construction
- Body and housing cap are machined from class “A” brass
- Delrin-cap bushing for smooth adjustments
- Sintered bronze inlet filter
- 1/4” Stainless steel Compression-Tube Fitting (**GENLOK™**) Outlet
- 2-1/2” gauges
- Weight: 4 lbs
- Conforms to CGA E-4 standard for gas pressure regulators



591

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
591X-750	OXYGEN	3000	50 - 750	2-1/2", 4000PSI	2-1/2", 1000PSI	CGA540	1/4" SS COMP. TUBE FITTING
591X-1500			100 - 1500		2-1/2", 2000PSI		
591X-3000			200 - 3000		2-1/2", 4000PSI		
591IN-750	INERT GAS (Ar, He, N ₂)	3000	50 - 750	2-1/2", 4000PSI	2-1/2", 1000PSI	CGA580	1/4" SS COMP. TUBE FITTING
591IN-1500			100 - 1500		2-1/2", 2000PSI		
591IN-3000			200 - 3000		2-1/2", 4000PSI		
591IN-1500-680	INERT GAS (Ar, He, N ₂)	5500	100 - 1500	2-1/2", 6000PSI	2-1/2", 2000PSI	CGA680	1/4" SS COMP. TUBE FITTING
591IN-3000-680			200 - 3000		2-1/2", 4000PSI		
591IN-4500-680			300 - 4500		2-1/2", 6000PSI		
591Q-1500	AIR	3000	100 - 1500	2-1/2", 4000PSI	2-1/2", 2000PSI	CGA346	1/4" SS COMP. TUBE FITTING
591Q-3000			200 - 3000		2-1/2", 4000PSI		
591Q-1500-347	AIR	5500	100 - 1500	2-1/2", 6000PSI	2-1/2", 2000PSI	CGA347	1/4" SS COMP. TUBE FITTING
591Q-3000-347			200 - 3000		2-1/2", 4000PSI		
591Q-4500-347			300 - 4500		2-1/2", 6000PSI		
591H-750	HYDROGEN METHANE	3000	50 - 750	2-1/2", 4000PSI	2-1/2", 1000PSI	CGA350	1/4" SS COMP. TUBE FITTING
591H-1500			100 - 1500		2-1/2", 2000PSI		
591H-3000			200 - 3000		2-1/2", 4000PSI		

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

190 SERIES SINGLE STAGE REGULATORS LIGHT DUTY

190 Series Regulators

With a lightweight, compact, and single-stage design, they are ideal for light to medium duty gas welding, cutting, and heating applications.

- Body is machined from class “A” brass
- Chrome-plated housing cap
- Internal pressure relief valve
- Sintered bronze inlet filter
- Stem-type seat assembly for more reliable seating
- 2” gauges for easy reading
- 1-1/4” diaphragm
- Weight: 2 lbs 1 oz
- UL listed



190

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
190F-80	L.P. GAS	400	4-80	2", 400PSI	2", 100PSI	CGA510	9/16" - 18LH(M)
190X-80	OXYGEN	3000	4-80	2", 4000PSI	2", 100PSI	CGA540	9/16" - 18RH(M)
190Y-15	ACETYLENE	400	2-15	2", 4000PSI	2", 30PSI, RL	CGA510	9/16" - 18LH(M)
190Y-15-3						CGA300	
190Y-15-5						CGA520	
190IN-80	INERT GAS (Ar, He, N ₂)	3000	4-80	2", 4000PSI	2", 100PSI	CGA580	5/8" - 18RH(F)
190IN-175			5-175	2", 4000PSI	2", 300PSI		5/8" - 18RH(F)
190IN-175-F			5-175	2", 4000PSI	2", 300PSI		1/4" SAE FLARE
190C-175	CARBON DIOXIDE	3000	5-175	2", 4000PSI	2", 300PSI	CGA320	5/8" - 18RH(F)
190C-175-F							1/4" SAE FLARE

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

210 & 210Y1 Series Regulators

Featuring a compact rear entry design to meet the demands of special installation, these regulators are best for light to medium duty gas welding, cutting and heating applications, such as industrial maintenance, farm and shop repair, hobby, crafts and home care.

- Rear entry inlet construction
- Body is machined from class “A” brass
- Chrome-plated housing cap
- Internal pressure relief valve
- Sintered bronze inlet filter
- Stem-type seat assembly for more reliable seating
- Plastic adjustment knob for smooth “easy touch” pressure setting
- 2” gauges for easy reading 210 Series has two gauges and 210Y1 Series s one gauge (inlet gauge) only
- 1-1/4” diaphragm
- Rubber gauge protectors are color coded: green for Oxygen (GP20X) and red for Acetylene (GP20Y)

Weight: 210 Series: 2 lbs 3 oz
210Y1 Series: 1 lb 14 oz

- UL Listed



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
210F-80	PROPANE	400	4-80	2", 400PSI	2", 100PSI	CGA510 REAR	9/16" - 18LH(M)
210X-80	OXYGEN	3000	4-80	2", 4000PSI	2", 100PSI	CGA540 REAR	9/16" - 18RH(M)
210X-80-A							3/8" - 24RH(M)
210Y-15	ACETYLENE	400	2-15	2", 400PSI	2", 30PSI, RL	CGA200 "MC" REAR	9/16" - 18LH(M)
210Y-15-5						CGA520 REAR	9/16" - 18LH(M)
210Y-15-A						CGA200 "MC" REAR	3/8" - 24LH(M)
210Y-15-510						CGA510 REAR	9/16" - 18LH(M)
210Y-15-510-A						CGA510 REAR	3/8" - 24LH(M)
210Y-15-3						CGA300 REAR	9/16" - 18LH(M)
210Y-15-3-A						CGA300 REAR	3/8" - 24LH(M)
210Y1-15-B	ACETYLENE	400	2-15	2", 400PSI	NONE	CGA520 REAR	9/16" - 18LH(M)
210Y1-15-M						CGA200 "MC" REAR	3/8" - 24LH(M)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

152 SERIES SINGLE STAGE REGULATORS MEDIUM DUTY

152 Series Regulators

Designed for medium duty gas welding, cutting, and heating applications. These regulators are ideal for industrial application, farm repairs and laboratory testing, etc.

- Forged brass body and housing cap.
- Delrin-cap bushing for smooth adjustments
- Self re-seating external pressure relief valve on oxygen, inert gas, and air models
- Sintered bronze inlet filter
- Stem-type seat assembly for more reliable performance
- 2" gauges for easy reading
- 2" diaphragm
- Steel Gauge Protectors are color coded: green for Oxygen (GP21X) and red for Acetylene (GP21Y)
- Weight: 2 lbs 11 oz
- UL Listed



Gauge Guard Models



152Y-15G
152Y-15-3G
152Y-15-5G

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
152F-80	L.P. GAS	400	4-80	2", 400PSI	2", 100PSI	CGA510	9/16" - 18LH(M)
152X-80	OXYGEN	3000	4-80	2", 4000PSI	2", 100PSI	CGA540	9/16" - 18RH(M)
152Y-15	ACETYLENE	400	2-15	2", 400PSI	2", 30PSI, RL	CGA510	9/16" - 18LH(M)
152Y-15-3						CGA300	
152Y-15-5						CGA520	
152IN-125	INERT GAS (Ar, He, N ₂)	3000	5-125	2", 4000PSI	2", 200PSI	CGA580	5/8"-18RH(F)
152Q-15	AIR	3000	2-15	2", 4000PSI	2", 30PSI	CGA346	5/8"-18RH(M)
152Q-125			5-125		2", 200PSI		

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

452 SERIES SINGLE STAGE REGULATORS MEDIUM TO HEAVY DUTY

452 Series Regulators

Designed for medium to heavy duty gas welding, cutting, and heating applications, 452 Series is a Harris® style regulator with a 2-3/4" diaphragm and a Victor® style seat mechanism.

- 2" gauges for easy reading
- Stem-type seat assembly for more reliable performance
- Forged brass body
- Chrome-plated housing cap for fuel gas and oxygen models
- Self re-seating external pressure relief valve on oxygen, inert gas, CO2 and nitrogen models
- Sintered bronze inlet filter
- Weight: 3 lbs
- UL listed



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
452F-40	L.P. GAS	400	2-40	2", 400PSI	2", 60PSI	CGA510	9/16" - 18LH(M)
452F-125			5-125		2", 200PSI		
452X-80	OXYGEN	3000	4-80	2", 4000PSI	2", 100PSI	CGA540	9/16" - 18RH(M)
45X-175			5-175		2", 300PSI		
452Y-15	ACETYLENE	400	2-15	2", 400PSI	2", 30PSI, RL	CGA510	9/16" - 18LH(M)
452Y-15-3						CGA300	
452Y-15-5						CGA520	
452C-175	CARBON DIOXIDE	3000	5-175	2", 4000PSI	2", 300PSI	CGA320	5/8" - 18RH(F)
452C-175-F			5-175		2", 300PSI		1/4" SAE FLARE
452C-300			20-300		2", 400PSI		5/8" - 18RH(F)
452C-300-F			20-300		2", 400PSI		1/4" SAE FLARE
452IN-80	INERT GASES (Ar, He) NITROGEN	3000	4-80	2", 4000PSI	2", 100PSI	CGA580	5/8" - 18RH(F)
452IN-175			5-175		2", 300PSI		5/8" - 18RH(F)
452IN-175-F			5-175		2", 300PSI		1/4" SAE FLARE
452IN-300			20-300		2", 400PSI		5/8" - 18RH(F)
452IN-300-F			20-300		2", 400PSI		1/4" SAE FLARE
452IN-450			30-450		2", 600PSI		5/8" - 18RH(F)
452IN-450-F			30-450		2", 600PSI		1/4" SAE FLARE
452IN-175-F-680	INERT GASES (Ar, He) NITROGEN	5500	5-175	2", 6000PSI	2", 300PSI	CGA680	1/4" SAE FLARE
452IN-450-F-680			30-450		2", 600PSI		

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

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453 & 853 SERIES SINGLE STAGE REGULATORS MEDIUM DUTY TO HEAVY DUTY

453 Series Single Stage Regulators

Designed for medium to heavy duty gas welding, cutting and heating applications, these single-stage regulators provide top performance in a wide variety of industrial and laboratory applications.

- Steel Gauge Protectors are color coded: green for Oxygen (GP32X) and red for Acetylene (GP32Y)
- Self re-seating external pressure relief valve on oxygen models
- Conforms to CGA E-4 standard for gas pressure regulators
- Stem-type seat assembly for more reliable performance
- Forged brass body
- 2-1/2" gauges for easy reading
- 2-3/4" diaphragm
- Weight: 3 lbs 8 oz



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
453X-175	OXYGEN	3000	5-175	2-1/2", 4000PSI	2-1/2", 300PSI	CGA540	9-16" - 18RH(M)
453Y-15	ACETYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA510	9-16" - 18LH(M)
453Y-15-3						CGA300	

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

853 Series Single Stage Regulators

Designed for medium to heavy duty gas welding, cutting and heating applications, these single-stage regulators provide top performance in a wide variety of industrial and laboratory applications.

- Steel Gauge Protectors are color coded: green for Oxygen (GP32X) and red for Acetylene (GP32Y)
- Self re-seating external pressure relief valve on oxygen models
- Forged brass body and housing cap
- Conforms to CGA E-4 standard for gas pressure regulators
- Stem-type seat assembly for more reliable performance
- Delrin cap bushing for smooth adjustment
- 2-1/2" gauges for easy reading
- 2-3/4" diaphragm
- Weight: 3 lbs 8 oz



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
853F-80	L.P. GAS	400	4-80	2-1/2", 400PSI	2-1/2", 100PSI	CGA510	9-16" - 18LH(M)
853X-125	OXYGEN	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA540	9-16" - 18RH(M)
853Y-15	ACETYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA510	9-16" - 18LH(M)
853Y-15-3						CGA300	

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

853LCR Series Single Stage Liquid Cylinder Regulators

853LCR Series Liquid Cylinder Regulators are specially designed for gaseous withdrawal from liquid cylinders of Oxygen, Carbon Dioxide and Nitrogen. **Not for use on high pressure cylinders.**

- Vapor side application on liquid cylinders or vessels
- 0-125 PSI delivery pressure
- 500 PSI maximum inlet pressure
- Large 2-3/4" stainless steel diaphragm
- 500 PSI external pressure relief valve on high pressure side
- Forged brass body and housing cap
- Delrin-cap bushing for smooth pressure adjustment
- Stem-type seat assembly for more reliable performance
- Sintered bronze inlet filter
- 2-1/2" dual scale outlet gauge
- Conforms to CGA E-4 Standard for Gas Pressure Regulators



853LCR

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
853LCRX-125	OXYGEN	500	5-125	NONE	2-1/2", 200PSI	CGA540	9-16" - 18RH(M)
853LCRIN-125	NITROGEN	500	5-125	NONE	2-1/2", 200PSI	CGA580	5/8" - 18RH(F)
853LCRCD-125	CARBON DIOXIDE	500	5-125	NONE	2-1/2", 200PSI	CGA320	5/8" - 18RH(F)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

153 SERIES SINGLE STAGE REGULATORS HEAVY DUTY

153 Series Single Stage Regulators

Designed for heavy duty gas welding, cutting, and heating applications. These regulators are ideal to use for steel fabrication, ship building, metallurgical and chemical industries.

- 2-1/2" gauges for easy reading
- 3-1/4" stainless steel diaphragm for accurate pressure delivery
- Delrin-cap bushing for smooth adjustments
- Stem-type seat assembly for more reliable performance
- Forged brass body and housing cap
- Self re-seating external pressure relief valve on oxygen, inert gas, air, CO₂, and hydrogen models
- Sintered bronze inlet filter
- Steel Gauge Protectors are color-coded: green for Oxygen (GP32X) and red for Acetylene (GP32Y) Models
- Weight: 4 lbs 13 oz
- UL listed



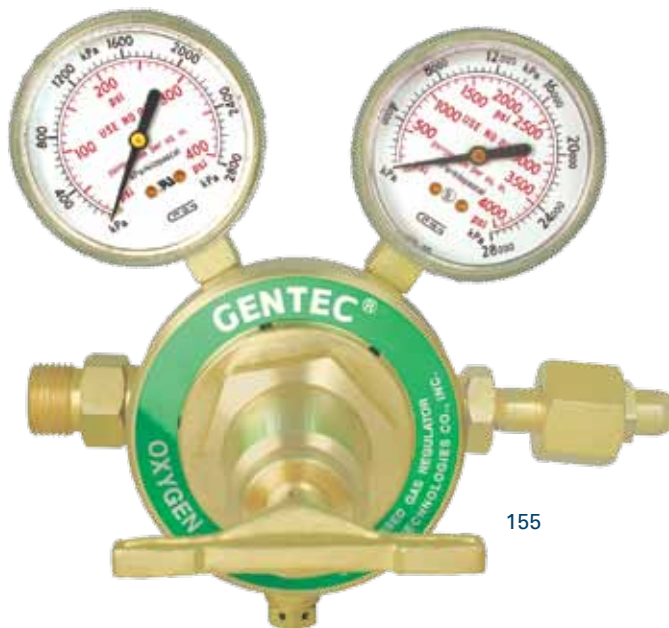
Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
153F-125	L.P. GAS	400	5-125	2-1/2", 400PSI	2-1/2", 200PSI	CGA510	9/16" - 18LH(M)
153X-125	OXYGEN	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA540	9/16" - 18RH(M)
153X-250			10-250		2-1/2", 400PSI		
153Y-15	ACETYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA510	9/16" - 18LH(M)
153Y-15-3						CGA300	
153IN-125	INERT GAS (Ar, He, N ₂)	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA580	5/8" - 18RH(F)
153IN-250			10-250		2-1/2", 400PSI		5/8" - 18RH(F)
153IN-250-F			10-250		2-1/2", 400PSI		1/4" SAE FLARE
153Q-125	AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA590	5/8" - 18RH(F)
153Q-200			10-200		2-1/2", 400PSI	CGA346	9/16" - 18RH(M)
153C-125	CARBON DIOXIDE	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA320	5/8" - 18RH(F)
153C-200			10-200		2-1/2", 400PSI		
153H-125	HYDROGEN MERHANE	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA350	9/16" - 18LH(M)
153H-200			10-200		2-1/2", 400PSI		

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

155 Series Single Stage Regulators

These extra heavy duty models are designed for heavy duty cutting, industrial applications, laboratory testing, manifold installations, etc.

- Single-stage construction
- Forged brass body and housing cap
- Delrin cap bushing for smooth adjustments
- Self re-seating external pressure relief valve on oxygen, inert gas, air, and hydrogen models
- Sintered bronze inlet filter
- 2-1/2" gauges for easy reading
- 3-1/4" diaphragm
- Weight: 7 lbs 10 oz
- Conforms to CGA E-4 standard for gas pressure regulators



155

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
155F-125	L.P. GAS	400	5-125	2-1/2", 400PSI	2-1/2", 200PSI	CGA510	7/8" - 14LH(M)
155X-125	OXYGEN	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA540	7/8" - 14RH(M)
155X-200			10-200		2-1/2", 400PSI		
155Y-15	ACETYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA510	7/8" - 14LH(M)
155Y-15-3						CGA300	
155IN-125	INERT GAS (Ar, He, N ₂)	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA580	7/8" - 14RH(M)
155IN-200			10-200		2-1/2", 400PSI		
155Q-125	AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA346	7/8" - 14RH(M)
155Q-200			10-200		2-1/2", 400PSI		
155H-200	HYDROGEN METHANE	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA350	7/8" - 14LH(M)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

152T SERIES TWO STAGE REGULATORS MEDIUM DUTY

152T Series Two Stage Regulator

Designed for medium duty gas welding, cutting, and heating applications. These two-stage regulators provide precise and constant delivery over a wide range of inlet pressures. Ideal for laboratory, welding, cutting, and many other applications.

- Forged brass body and housing cap
- Delrin cap bushing for smooth adjustments
- Self re-seating external pressure relief valve
- Sintered bronze inlet filter
- Stem-type seat assembly for more reliable performance
- 2" gauges for easy reading
- 1-1/4" & 2" diaphragms
- Steel Gauge Protectors are color-coded: green for Oxygen (GP21X) and red for Acetylene (GP21Y)
- Weight: 4 lbs 10 oz
- Conforms to CGA E-4 standard for gas pressure regulators



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
152TF-80	L.P. GAS	400	4-80	2", 400PSI	2", 100PSI	CGA510	9-16" - 18LH(M)
152TX-80	OXYGEN	3000	4-80	2", 4000PSI	2", 100PSI	CGA540	9-16" - 18RH(M)
152TY-15	ACETYLENE	400	2-15	2", 400PSI	2", 30PSI, RL	CGA510	9-16" - 18LH(M)
152TY-15-3						CGA300	
152TIN-125	INERT GAS (Ar, He, N2)	3000	5-125	2", 4000PSI	2", 200PSI	CGA580	5/8" - 18RH(F)
152TQ-125	AIR	3000	5-125	2", 4000PSI	2", 200PSI	CGA346	9/16" - 18RH(M)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

153T Series Two Stage Regulators

Designed for heavy duty gas welding, cutting, and heating applications. These two-stage regulators provide precise and constant delivery over a wide range of inlet pressures. Ideal for laboratory, welding, cutting, and many other applications.

- Forged brass body and housing cap
- Delrin cap bushing for smooth adjustments
- Self re-seating external pressure relief valve
- Sintered bronze inlet filter
- Steel Gauge Protectors are color coded: green for Oxygen (GP21X) and red for Acetylene (GP21Y)
- Stem-type seat assembly for more reliable seating
- 2-1/2" gauges for easy reading
- 2" and 3-1/4" diaphragms
- Weight: 7 lbs 6 oz
- Conforms to CGA E-4 standard for gas pressure regulators



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
153TF-125	L.P. GAS	400	5-125	2-1/2", 400PSI	2-1/2", 200PSI	CGA510	9/16" - 18LH(M)
153TX-125	OXYGEN	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA540	9/16" - 18RH(M)
153TX-250			10-250		2-1/2", 400PSI		
153TY-15	ACETYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA510	9/16" - 18LH(M)
153TY-15-3						CGA300	
153TIN-125	INERT GAS (Ar, He, N ₂)	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA580	5/8" - 18RH(F)
153TIN-250			10-250		2-1/2", 400PSI		
153TO-125	AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA590	5/8" - 18RH(F)
153TO-200			10-200		2-1/2", 400PSI	CGA346	9/16" - 18RH(M)
153TC-125	CARBON DIOXIDE	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA320	5/8" - 18RH(F)
153TC-200			10-200		2-1/2", 400PSI		

155T SERIES TWO STAGE REGULATORS EXTRA HEAVY DUTY

155T Series Two Stage Regulators

Model 155T Series Compressed Gas Regulators are dual-stage extra heavy duty models designed for applications where precise and constant outlet pressures are required over a wide range of inlet pressures. Ideal for laboratory testing, manifold installations, and many other industrial applications.

- Dual-stage construction
- Forged brass body and housing cap
- Delrin cap bushing for smooth adjustments
- Self re-seating external pressure relief valve
- Conforms to CGA E-4 standard for gas pressure regulators
- Sintered bronze inlet filter
- 2-1/2" gauges for easy reading
- 2" and 3-1/4" diaphragms
- Weight: 8 lbs 8 oz



155T

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
155TF-125	L.P. GAS	400	5-125	2-1/2", 400PSI	2-1/2", 200PSI	CGA510	7/8" - 14LH(M)
155TX-125	OXYGEN	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA540	7/8" - 14RH(M)
155TX-200			10-200		2-1/2", 400PSI		
155TY-15	ACETYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA510	7/8" - 14LH(M)
155TY-15-3						CGA300	
155TIN-125	INERT GAS (Ar, He, N ₂)	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA580	7/8" - 14RH(M)
155TIN-200			10-200		2-1/2", 400PSI		
155TO-125	AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA590	7/8" - 14RH(M)
155TO-200			10-200		2-1/2", 400PSI	CGA346	

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

152 Series Station Regulators

Designed for use with gas distribution systems with light to medium flow applications. Maximum inlet pressure of 200 PSIG.

NOT FOR USE ON CYLINDERS.

- Forged brass body and housing cap
- Single-stage construction
- 2-1/2" gauge for easy reading
- Weight: 2 lbs
- Conforms to CGA E-4 standard for gas pressure regulators



152S

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
152SF-80	L.P. GAS	200	4-80	NONE	2", 100PSI	7/8" - 14LH(F)	9/16" - 18LH(M)
152SF-125			5-125		2", 200PSI		
152SX-40	OXYGEN	200	2-40	NONE	2", 60PSI	7/8" - 14RH(F)	9/16" - 18RH(M)
152SX-80			4-80		2", 100PSI		
152SX-125			5-125		2", 200PSI		
152SY-15	ACETYLENE	200	2-15	NONE	2", 30PSI, RL	7/8" - 14LH(F)	9/16" - 18LH(M)
152SIN-40	AIR INERT GAS CO ₂	200	2-40	NONE	2", 60PSI	7/8" - 14RH(M)	5/8" - 18RH(F)
152SIN-80			4-80		2", 100PSI		
152SIN-125			5-125		2", 200PSI		
152SIN-40FG			0-40 SCFH		0-40 SCFH		

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

853S Series Station Regulators

Designed for medium to high flow gas distribution systems in medium to heavy duty flow applications. Maximum inlet pressure of 200 PSIG.

NOT FOR USE ON CYLINDERS.

- Forged brass body and housing cap
- Delrin cap bushing for smooth adjustments
- Single-stage construction
- Weight: 3 lbs 5 oz
- Conforms to CGA E-4 standard for gas pressure regulators



853S

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
853SF-80	L.P. GAS	200	4-80	NONE	2-1/2", 100PSI	7/8" - 14LH(F)	9/16" - 18LH(M)
853SX-40	OXYGEN	200	2-40	NONE	2-1/2", 60PSI	7/8" - 14RH(F)	9/16" - 18RH(M)
853SX-80			4-80		2-1/2", 100PSI		
853SX-125			5-125		2-1/2", 200PSI		
853SY-15	ACETYLENE	200	2-15	NONE	2-1/2", 30PSI, RL	7/8" - 14LH(F)	9/16" - 18LH(M)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

853SR SERIES STATION REGULATORS MEDIUM HEAVY DUTY 155S SERIES STATION REGULATORS HEAVY DUTY

853SR Series Station Regulators

Designed for medium to high flow gas distribution systems in medium to heavy duty flow applications. Maximum inlet pressure of 200 PSIG.

NOT FOR USE ON CYLINDERS.

- Forged brass body and housing cap
- Single-stage construction
- Rear entry
- 2-1/2" gauge for easy reading
- Weight: 3 lbs 5 oz
- Conforms to CGA E-4 standard for gas pressure regulators



853SR

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
853SRF-80	L.P. GAS	200	4-80	NONE	2-1/2", 100PSI	7/8" - 14LH(F)	9/16" - 18LH(M)
853SRIN-80	INERT GAS CO ₂	200	4-80	NONE	2-1/2", 100PSI	7/8" - 14RH(M)	5/8" - 18RH(F)
853SRIN-125			5-125		2-1/2", 200PSI		
853SRX-80	OXYGEN	200	4-80	NONE	2-1/2", 100PSI	7/8" - 14RH(F)	9/16" - 18RH(M)
853SRX-125			5-125		2-1/2", 200PSI		
853SRY-15	ACETYLENE	200	2-15	NONE	2-1/2", 30PSI, RL	7/8" - 14LH(F)	9/16" - 18LH(M)

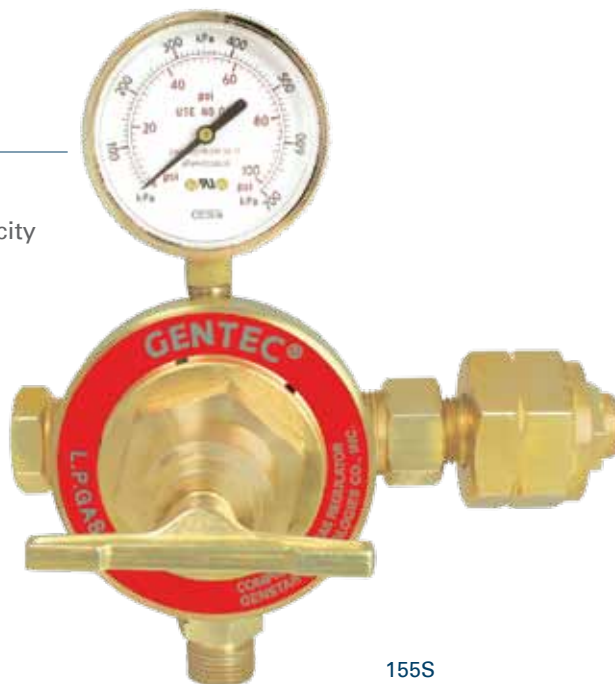
1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

155S Series Station Regulators

Designed for high flow gas distribution systems in heavy duty capacity flow applications. Maximum inlet pressure of 350 PSIG.

NOT FOR USE ON CYLINDERS.

- Forged brass body and housing cap
- Single-stage construction
- 2-1/2" gauge for easy reading
- Weight: 6 lbs 10 oz
- Conforms to CGA E-4 standard for gas pressure regulators



155S

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
155SF-80	L.P. GAS	350	4-80	NONE	2-1/2", 100PSI	1" - 11-1/2NPS LH(F)	7/8" - 14LH(M)
155SX-125	OXYGEN INERT GAS CO ₂	350	5-125	NONE	2-1/2", 200PSI	1" - 11-1/2NPS RH(F)	7/8" - 14RH(M)
155SY-15	ACETYLENE	350	2-15	NONE	2-1/2", 30PSI, RL	1" - 11-1/2NPS LH(F)	7/8" - 14LH(M)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

152L Series Pipeline Regulators

Designed for use with gas distribution systems in medium to heavy duty flow applications, with a maximum inlet pressure of 350 PSIG

NOT FOR USE ON CYLINDERS.

- Forged brass body and housing cap
- Single-stage construction
- Stem-type seat assembly for more reliable performance
- Delrin cap bushing for smooth adjustments
- 2" gauge for easy reading
- 2" diaphragm
- Weight: 2 lbs
- Conforms to CGA E-4 standard for gas pressure regulators



152L

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
152LF-80	L.P. GAS	350	4-80	NONE	2", 100PSI	1/4"NPT(F) PORT	1/4"NPT(F) PORT
152LX-80	OXYGEN	350	4-80	NONE	2", 100PSI	1/4"NPT(F) PORT	1/4"NPT(F) PORT
152LX-125	INERT GAS		5-125		2", 200PSI		
152LX-200	CO ₂ , AIR		10-200		2", 400PSI		
152LY-15	ACETYLENE	350	2-15	NONE	2", 30PSI, RL	1/4"NPT(F) PORT	1/4"NPT(F) PORT

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

853L Series Pipeline Regulators

Designed for use with gas distribution systems in medium to heavy flow applications, with a maximum inlet pressure of 350 PSIG.

NOT FOR USE ON CYLINDERS.

- Forged brass body and housing cap
- Single-stage construction
- Stem-type seat assembly for more reliable performance
- Delrin cap bushing for smooth adjustments
- 2-1/2" gauge for easy reading
- 2-3/4" diaphragm
- Weight: 3 lbs 5 oz
- Conforms to CGA E-4 standard for gas pressure regulators



853L

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
853LF-125	L.P. GAS	350	5-125	NONE	2-1/2", 200PSI	1/4"NPT(F) PORT	1/4"NPT(F) PORT
853LX-125	OXYGEN INERT GAS CO ₂ , AIR	350	5-125	NONE	2-1/2", 200PSI	1/4"NPT(F) PORT	1/4"NPT(F) PORT
853LY-15	ACETYLENE	350	2-15	NONE	2-1/2", 30PSI, RL	1/4"NPT(F) PORT	1/4"NPT(F) PORT

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

155L SERIES PIPELINE REGULATORS HEAVY DUTY

155L Series Pipeline Regulators

Designed for use with heavy flow gas distribution systems, with a maximum inlet pressure of 350 PSIG

NOT FOR USE ON CYLINDERS.

- Forged brass body and housing cap
- Single-stage construction
- Stem-type seat assembly for more reliable performance
- Delrin cap bushing for smooth adjustments
- 2-1/2" gauge for easy reading
- 3-1/4" diaphragm
- Weight: 5 lbs 2 oz
- Conforms to CGA E-4 standard for gas pressure regulators



155L

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
155LF-125	L.P. GAS	350	5-125	NONE	2-1/2", 200PSI	3/4"NPT(F) PORT	3/4"NPT(F) PORT
155LF-200			10-200		2-1/2", 400PSI		
155LX-80	OXYGEN INERT GAS CO ₂ , AIR	350	4-80	NONE	2-1/2", 100PSI	3/4"NPT(F) PORT	3/4"NPT(F) PORT
155LX-125			5-125		2-1/2", 200PSI		
155LX-200			10-200		2-1/2", 400PSI		
155LY-15	ACETYLENE	350	2-15	NONE	2-1/2", 30PSI, RL	3/4"NPT(F) PORT	3/4"NPT(F) PORT

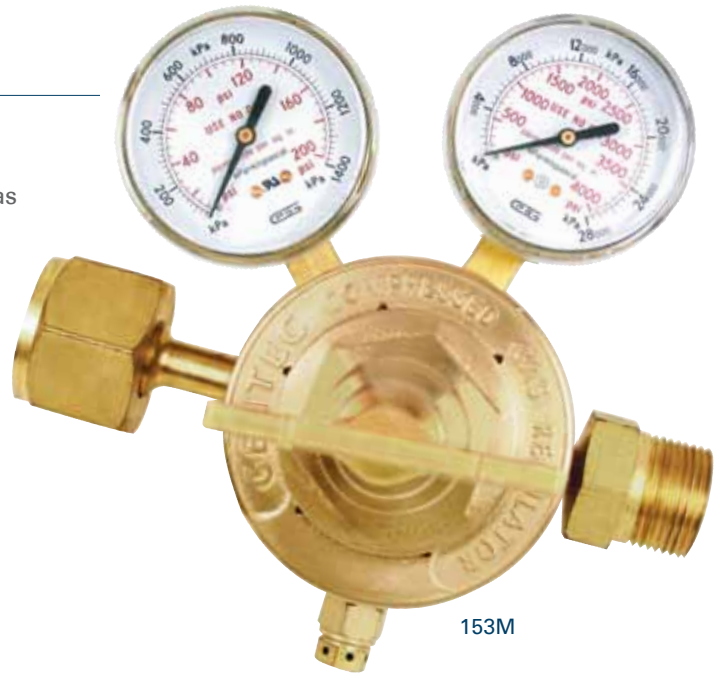
1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

153M & 153TM SERIES MANIFOLD REGULATORS HEAVY DUTY

153M Series Manifold Regulators

Model 153M Series Manifold Regulators are specially designed for manifold systems. They are ideal for use with heavy flow gas distribution systems.

- Single-stage construction
- Forged brass body and housing cap
- Delrin cap bushing for smooth adjustments
- Sintered bronze inlet filter
- 2-1/2" gauges for easy reading
- 3-1/4" diaphragm
- Conforms to CGA E-4 standard for gas pressure regulators



153M

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
153MF-40	L.P. GAS	400	2-40	2-1/2", 400PSI	2-1/2", 60PSI	1" - 11-1/2NPS LH(M)	1" - 11-1/2NPS LH(F)
153MF-125			5-125		2-1/2", 200PSI		
153MX-125	OXYGEN INERT GAS CO ₂ , AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	1" - 11-1/2NPS RH(M)	1" - 11-1/2NPS RH(F)
153MX-200			10-200		2-1/2", 400PSI		
153MY-15	ACETYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	1" - 11-1/2NPS LH(M)	1" - 11-1/2NPS LH(F)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

153TM Series Two Stage Manifold Regulators

Model 153TM Series Manifold Regulators are specially designed for manifold systems. They are ideal for use with high flow gas distribution systems.

- Dual-stage construction
- Delrin cap bushing for smooth adjustments
- Forged brass body and housing cap
- Sintered bronze inlet filter
- 2-1/2" gauges for easy reading
- 2" & 3-1/4" diaphragms
- Conforms to CGA E-4 standard for gas pressure regulators



153TM

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
153TMX-125	OXYGEN INERT GAS CO ₂ , AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	1" - 11-1/2NPS RH(M)	1" - 11-1/2NPS RH(F)
153TMY-15	ACEYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	1" - 11-1/2NPS LH(M)	1" - 11-1/2NPS LH(F)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

155M & 155TM SERIES MANIFOLD REGULATORS EXTRA HEAVY DUTY

155M Series Manifold Regulators

Model 155M Series Manifold Regulators are specially designed for manifold systems. They are ideal for use with extra heavy flow gas distribution systems.

- Single-stage construction
- Forged brass body and housing cap
- Delrin cap bushing for smooth adjustments
- Sintered bronze inlet filter
- 2-1/2" gauges for easy reading
- 3-1/4" diaphragm
- Conforms to CGA E-4 standard for gas pressure regulators



155M

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
155MIN-125	OXYGEN INERT GAS CO ₂ , AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	1" - 11-1/2NPS RH(M)	1" - 11-1/2NPS RH(F)
155MIN-200			10-200		2-1/2", 400PSI		
155MY-15	ACEYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	1" - 11-1/2NPS LH(M)	1" - 11-1/2NPS LH(F)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

155TM Series Two Stage Manifold Regulators

Model 155TM Series Manifold Regulators are specially designed for manifold systems. They are ideal for use with extra heavy flow gas distribution systems.

- Dual-stage construction
- Forged brass body and housing cap
- Delrin cap bushing for smooth adjustments
- Sintered bronze inlet filter
- 2-1/2" gauges for easy reading
- 2" & 3-1/4" diaphragms
- Conforms to CGA E-4 standard for gas pressure regulators



155TM

Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
155TMIN-125	OXYGEN INERT GAS CO ₂ , AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	1" - 11-1/2NPS RH(M)	1" - 11-1/2NPS RH(F)
155TMIN-200			10-200		2-1/2", 400PSI		
155TMY-15	ACEYLENE	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	1" - 11-1/2NPS LH(M)	1" - 11-1/2NPS LH(F)

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM

190 SERIES LIGHT DUTY, 152 SERIES MEDIUM DUTY FLOW GAUGE REGULATORS

190AR1 Series Flow Gauge Regulators

Model 190AR1 Series Flow Gauge Regulators are designed for light duty MIG applications to provide accurate regulation of gas flow, and reliable performance in commercial, industrial and laboratory applications.

- 2" flow gauge for easy reading
- Body machined from class "A" brass
- Chrome-plated housing cap
- Internal pressure relief design
- Sintered bronze inlet filter
- Plastic adjustment knob for smooth "easy touch" flow settings
- 0 - 50 SCFH argon (Ar) flow
- Weight: 1 lb 15 oz
- UL listed

Model Number	Gas Service	Flow Capacity (SCFH)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
190AR1-50	ARGON, AR/CO ₂ MIX	0-50	NONE	2", 50SCFH	CGA580	5/8" - 18RHF, .032 ORIFICE
190AR1-50-B						3/16" BARB, .032 ORIFICE
190AR1-50-P						5/32" PUSH-IN-TUBE, .032 ORIFICE

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM



190AR1

190 Series Flow Gauge Regulators

Model 190 Series "MIG METER" Flow Gauge Regulators are designed for MIG & TIG applications to provide accurate regulation of gas flow. They are ideal for commercial, industrial and laboratory applications.

- 2" gauges for easy reading
- Forged brass body and housing cap
- Chrome plated housing cap
- Internal pressure relief design
- Accurate measurement of gas flow up to 50 SCFH
- Choice of inlet connections for argon (CGA 580) or carbon dioxide (CGA 320)
- Plastic adjustment knob for smooth "easy touch" flow settings
- Weight: 2 lbs 3 oz
- UL listed

Model Number	Gas Service	Flow Capacity (SCFH)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
190AR-50	ARGON, AR/CO ₂ MIX	0-50	2", 4000PSI	2", 50SCFH	CGA580	5/8" - 18RHF, .032 ORIFICE
190AR-50-B						3/16" BARB, .032 ORIFICE
190AR-50-P						5/32" PUSH-IN-TUBE, .032 ORIFICE
190CD-45	CARBON DIOXIDE	0-45	2", 4000PSI	2", 50SCFH	CGA320	5/8" - 18RHF, .032 ORIFICE

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM



190AR

152 Series Flow Gauge Regulators

Model 152 Series Flow Gauge Regulators are designed for MIG & TIG applications to provide accurate regulation of gas flow. They also provide reliable performance in commercial, industrial and laboratory applications.

- Accurate measurement of gas flow up to 100 SCFH
- Body and housing cap are machined from class "A" brass
- External pressure relief valve
- Lightweight, rugged construction
- Sintered bronze inlet filter
- Stem type seat assembly for more reliable performance
- Weight: 2 lbs 15 oz

Model Number	Gas Service	Flow Capacity (SCFH)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
152AR-100	ARGON, AR/CO ₂ MIX	0-100	2", 4000PSI	2", 100SCFH	CGA580	5/8" - 18RHF, .032 ORIFICE
152CD-100	CARBON DIOXIDE	0-100	2", 4000PSI	2", 100SCFH	CGA320	5/8" - 18RHF, .032 ORIFICE

1 psi = 0.00689 MPa = 6.895 kPa = 0.06895 bar = 0.07 kgf / cm², 1 scfh = 0.0283 m³/h = 0.472 LPM



152CD

220, 227 & 229 SERIES COMPACT PRE-SET GAS REGULATORS

220 Flow Regulators "PACER"

Model 220 "PACER" Flow Regulators are designed for light duty MIG applications where compact size and pre-set delivery flow are desirable. Piston-type mechanism provides reliable performance.

- "Piston" type cylinder pressure indicator
- 30 SCFH preset argon flow
- Integral CGA 580 inlet with sintered bronze inlet filter
- Weight: 9.7 oz



220-50

Model Number	Gas Service	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection	Equivalent
220-50	ARGON, AR/CO ₂ MIX	50	PISTON INDICATOR	NONE	CGA580	3/16" BARB, .032 ORIFICE	F.R.O.G.

227 Series Flow Regulators

Model 227 Series Flow Regulators are designed for light duty applications using carbon dioxide (CO₂) or nitrogen (N₂). Preset delivery available for six pressure settings: 50, 75, 100, 125, 150 & 175 PSI. To order, add pressure number after the series number. For example, 227C-150 for preset delivery pressure 150PSI.

- "Piston" type mechanism for reliability
- Body machined from class "A" brass bar stock
- Sintered bronze inlet filter
- 1/4" NPT outlet port
- Weight w/o gauge: 14.5 oz w/gauge: 16 oz
- 1-1/2" rear entry color-coded cylinder contents gauge (Model 227CG & 227NG)



227C-50



227CG-100

Regulator Series	Gas Service	Available Present Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection	
227C	CARBON DIOXIDE	50, 75, 100, 125, 150, 175	NONE	NONE	CGA320	1/4" NPT(F) PORT	
227CG			1-1/2" 3000PSI REAR				
227N	ARGON, AR/CO ₂ MIX		NONE		CGA580		
227NG			1-1/2" 3000PSI REAR				

229 Series Flow Regulators

Model 229 Series Flow Regulators are designed for light duty MIG applications where compact size and preset delivery flow are desirable. Piston-type mechanism provides reliable performance.

- 40 SCFH preset argon flow
- Integral CGA 580 inlet with sintered bronze inlet filter
- Choice of 3/16" barbed or 5/32" push-to-connect outlet
- Weight: 11.9 oz



229-50-B



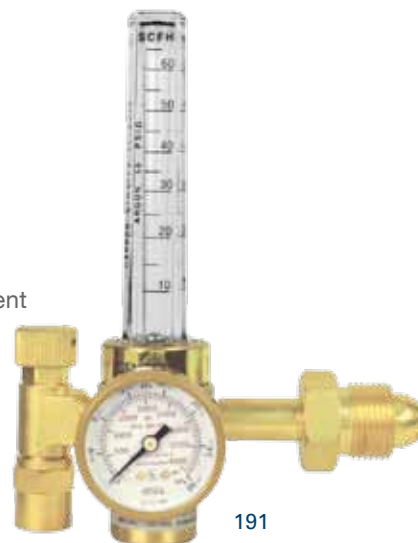
229-50-P

Model Number	Gas Service	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
229-50-B	ARGON, AR/CO ₂ MIX	50	NONE	NONE	CGA580	3/16" BARB, .032 ORIFICE
229-50-P						5/32" PUSH-IN-TUBE, .032 ORIFICE

190AR1 Series Flowmeter Regulators

Model 191 Series Flowmeter Regulators are designed for MIG & TIG applications to provide accurate regulation of gas flow. They are also ideal for commercial, industrial and laboratorial applications.

- Combination of regulator and flowmeter as one compact unit
- Regulator is preset at 50PSIG
- Piston-type construction
- Body machined from class "A" brass
- Internal pressure relief valve
- Polycarbonate flow tube and hood are impact resistant for maximum durability and service life
- Calibrated for argon, CO₂, helium, nitrogen, air, and 75% argon/ 25% CO₂ mixed gases
- Backpressure compensated to ensure accurate readings when line restrictions are present
- Sintered bronze inlet filter
- Comes with 5/8"-18RH Female fitting (with the attached Adaptor) and 9/16"-18RH Male fitting (without adaptor)
- Weight: 1 lbs. 10 oz
- Conforms to CGA E-4 Standard for Gas Pressure Regulators



191

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
191AR-60	ARGON, AR/CO ₂ MIX	50	1-1/2", 4000PSI	60	CGA580	5/8" - 18RH(F)/9/16"-18RH(M)
191HE-150	HELIUM			150	CGA580	
191CD-60	CARBON DIOXIDE			60*	CGA320	
191NR-70	NITROGEN			70	CGA580	
191OR-70	AIR			70	CGA590	

*Maximum Actual Flow 30SCFH with Continuous Cold Carbon Dioxide

791AR-60 Flowmeter Regulator

791AR-60 Economical Flowmeter Regulator is designed for Light Duty MIG & TIG applications.

- Compact lightweight construction
- Piston-type construction
- Forged Brass Body
- Calibrated for argon, and 75% argon/ 25% CO₂ mixed gases
- Backpressure compensated to ensure accurate readings
- Sintered bronze inlet filter
- Compact Inlet Gauge

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
791AR-60	ARGON, AR/CO ₂ MIX	50	1-1/2", 4000PSI	60	CGA580	5/8" - 18RH(F)



791AR

195 & 195T SERIES HEAVY DUTY FLOWMETER REGULATORS MIG /TIG SHIELDING GAS KIT

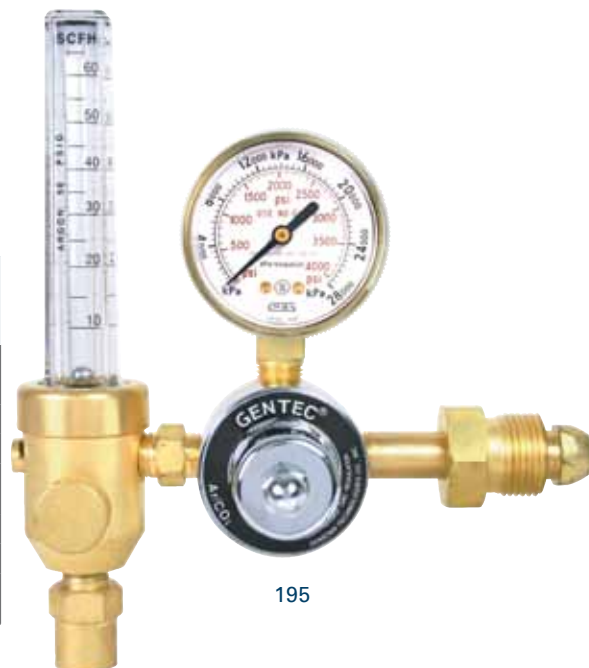
195 & 195T Heavy Duty “MIG MASTER” Flowmeter Regulators

Model 195 Series “MIG MASTER” Flowmeter Regulators are designed for MIG & TIG applications to provide accurate regulation of gas flow. They are also ideal for commercial, industrial, and laboratorial applications.

- Regulator is preset at 50PSIG
- 195 Series has single-stage construction and 195T Series has two- stage construction
- Polycarbonate flow tube and hood are impact resistant for maximum durability and service life
- Calibrated for argon, helium, carbon dioxide and 75% argon/25% CO₂ mixed gases
- Flowmeter is backpressure compensated to ensure accurate readings when line restrictions are present
- 2” high-pressure gauge for easy reading
- Body machined from class “A” brass
- Chrome-plated housing cap of regulator
- Internal pressure relief design
- Sintered bronze inlet filter
- Weight: 2 lbs 15 oz
- UL Listed

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
195AR-60	ARGON	50	2", 4000PSI	60	CGA580	5/8" - 18RH(F)
195AR-60-680			2", 6000PSI		CGA680	
195HE-150	HELIUM		2", 4000PSI	150	CGA580	
195HE-150-680			2", 6000PSI		CGA680	
195CD-60	CARBON DIOXIDE		2", 4000PSI	60*	CGA320	
195TAR-60	ARGON	50	2", 4000PSI	60	CGA580	5/8" - 18RH(F)
195THE-150	HELIUM			150	CGA580	
195TCD-60	CARBON DIOXIDE			60*	CGA320	

*Maximum Actual Flow 30SCFH with Continuous Cold CO₂



195

MIG/TIG Shielding Gas Kits- Flowmeter/Flowgauge Regulator with 3/16"x6' Hose

Model Number	Gas Service	Package Type	Flowgauge / Flowmeter (SCFH)	Regulator Type	Regulator Model Number	Blue Hose
190AR1-50-6HSP	ARGON	SKIN PACKAGE	50	FLOWGAUGE	190AR1-50	3/16"x 6'
190AR-50-6HSP					190AR-50	
190CD-45-6HSP	CARBON DIOXIDE	SKIN PACKAGE	50	FLOWGAUGE	190CD-45	3/16"x 6'
191AR-60-6HSP	ARGON, AR/CO ₂ MIX	SKIN PACKAGE	60	FLOWMETER	191AR-60	3/16"x 6'
191AR-60-6HCS		CLAM SHELL				
191CD-60-6HSP	CARBON DIOXIDE	SKIN PACKAGE	60	FLOWMETER	191CD-60	3/16"x 6'
191CD-60-6HCS		CLAM SHELL				
791AR-60-6HSP	ARGON, AR/CO ₂ MIX	SKIN PACKAGE	60	FLOWMETER	791AR-60	3/16"x 6'
195AR-60-6HSP					195AR-60	
195CD-60-6HSP	CARBON DIOXIDE	SKIN PACKAGE	60	FLOWMETER	195CD-60	3/16"x 6'



190AR-50-6HSP



195AR-60-6HSP



791AR-60-6HSP

196 Series Dual Flowmeter Regulators

Model 196 Series Flowmeter Regulators are designed for MIG & TIG applications to provide accurate regulation of gas flow. They are also ideal for commercial industrial and laboratorial applications.

- Regulator is preset at 50PSIG
- Body machined from class "A" brass
- Single-stage construction
- Monitoring two separate gas flow settings at the same time
- 2" gauge and two 195FM flowmeters
- Polycarbonate flow tube and hood are impact resistant for maximum durability and service life
- Calibrated for argon, helium and 75% argon/25% CO₂ mixed gases
- Flowmeter is backpressure compensated to ensure accurate readings when line restrictions are present
- Sintered bronze inlet filter
- Weight: 4 lbs 10 oz
- Conforms to CGA E-4 Standard for Gas Pressure Regulators



196

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
196AR-60	ARGON, AR/CO ₂ MIX	50	2", 4000PSI	60	CGA580	5/8" - 18RH(F)
196HE-150	HELIUM			150		

195FM Series Flowmeters

Model 195FM Series Flowmeters are designed for accurate regulation of gas flow.

- Maximum inlet pressure 50PSI
- Body machined from class "A" brass
- Polycarbonate flow tube and hood are impact resistant for maximum durability and service life
- Backpressure compensated design ensures accurate readings when line restrictions are present
- Calibrated for argon, CO₂ and 75% argon/25% CO₂ mixed gases at 50 PSI inlet pressure
- Easy to "fine-tune" flow settings with adjustable brass knob
- Weight: 1lb 2oz
- UL Listed

Model Number	Gas Service	Maximum Inlet Preset (PSI)	Flowmeter Range (SCFH)	Inlet Connection	Outlet Connection
195FM	ARGON, AR/CO ₂ MIX	50	0-60	1/4" NPT(M)	5/8" - 18RH(F)
195FM-5				5/8"-18RH(M)	
195FM-9				9/16"-18RH(F)	
195FM-7				7/8"-14RH(F)	9/16" - 14RH(M)



195FM

198CD-60 ELECTRICALLY HEATED FLOWMETER REGULATOR

199CD-60 RADIATOR FLOWMETER REGULATOR

198CD-60 Electrically Heated Flowmeter Regulator for CO₂

Model 198CD-60 Electrically-Heated Flowmeter Regulator for CO₂ is designed for applications requiring high gas flow rates, up to 60 SCFH without freezing.

- Regulator is preset at 50 PSI
- Thermostatically-controlled built-in electric heater keeps the CO₂ warm and provides continuous duty cycle without freezing
- 110VAC / 190W heater is standard
- Voltage output will vary in some locations.
- Please specify your voltage requirements when ordering
- Flowmeter is backpressure compensated to ensure accurate reading when line restrictions are present
- Forged brass body and housing cap
- Sintered bronze inlet filter
- Weight: 4lbs 11oz



198CD-60

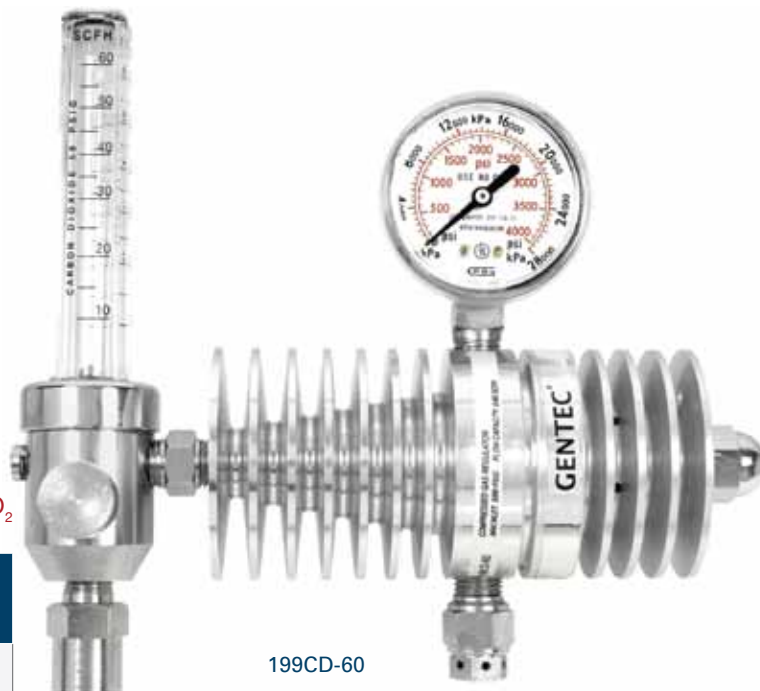
CAUTION: Use this regulator only with non-siphoned standard CO₂ cylinders

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
198CD-60	CARBON DIOXIDE	50	2", 4000PSI	60	CGA320	5/8" - 18RH(F)

199CD-60 Radiator Flowmeter Regulator for CO₂

Model 199CD-60 Radiator-Type Regulator / Flowmeter for CO₂ is designed for applications requiring high gas flow rates, up to 60 SCFH without freezing.

- Flowmeter is backpressure compensated to ensure accurate reading when line restrictions are present
- Regulator is preset to deliver 50 PSI into the flowmeter which is calibrated to operate at 50 PSI
- Anodized aluminum body
- Sintered bronze inlet filter
- Weight: 4lbs



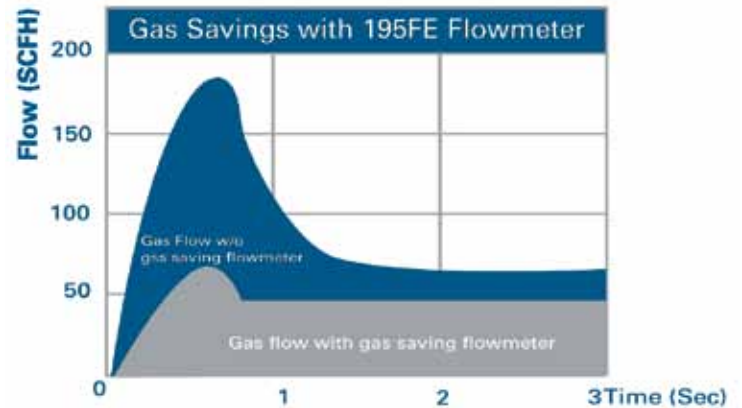
199CD-60

CAUTION: Use this regulator only with non-siphoned standard CO₂ cylinders

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
199CD-60	CARBON DIOXIDE	50	2", 4000PSI	60	CGA320	5/8" - 18RH(F)

GENTEC® Gas Saving Flowmeter Regulators are designed to minimize the amount of shield gas wasted. The innovative design integrates a stabilizer onto the flowmeter providing constant pressure and flow.

How it Works: GENTEC®'s Gas Saving Flowmeter Regulator first reduces the supplied pressure to a set pressure. To help save gas, a built-in stabilizer is designed on the flowmeter to eliminate pressure fluctuations. For example, during the start of TIG/MIG applications, a gas surge results from the excess pressure in the supply hose. These surges are regarded as "wasted gas". The Gas Saving Flowmeter Regulators use the built-in stabilizer on the flowmeter to reduce pressure surges while maintaining a constant pressure and flow, saving up to 50% of the gas*.



195AE-60 Gas Saving Flowmeter Regulator

- Regulator is preset at 50PSIG
- Chrome-plated brass body machined from class "A" brass
- Single-stage regulator
- Polycarbonate flow tube and hood are impact resistant for maximum durability and service life
- Flowmeter is backpressure compensated to ensure accurate readings when line restrictions are present
- Calibrated for argon and 75% argon/25% CO2 mixed gases.
- Sintered bronze inlet filter
- Flowmeter with built-in stabilizer for gas saving
- Internal pressure relief design
- Gas saving range: 20-50%*
- 2" high-pressure gauge for easy reading
- Weight: 2 lbs 15 oz
- Optional BSP, JIS, DIN inlet connections are available



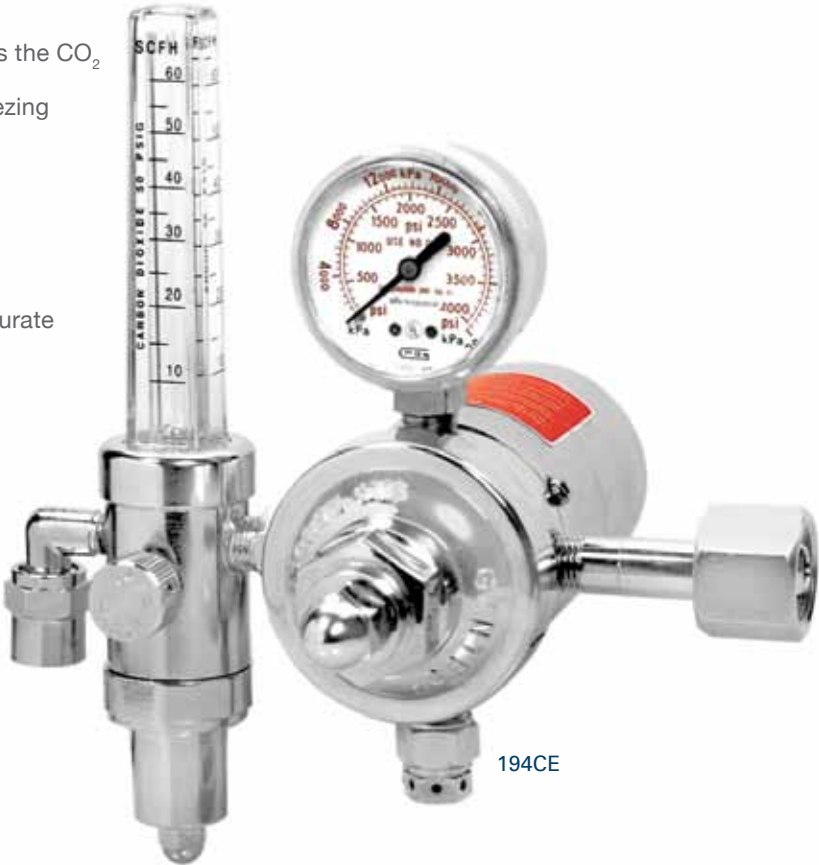
195AE-60

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
195AE-60	ARGON, AR/CO ₂ MIX	50	2", 4000PSI	60	CGA580	5/8" - 18RH(F)

*Actual savings depend on specific requirements of welding operation

194CE Series Electrically Heated Gas Saving Flowmeter Regulator for CO₂

- Thermostatically-controlled built-in electric heater keeps the CO₂ warm and provides a continuous duty cycle without freezing
- Regulator is preset at 50PSIG
- Single-stage regulator
- Chrome-plated forged brass body and housing cap
- Flowmeter is backpressure compensated to ensure accurate reading when line restrictions are present
- Sintered bronze inlet filter
- Flowmeter with built-in stabilizer for gas saving
- External relief valve
- Gas saving range: 20-50%*
- 2" high-pressure gauge for easy reading
- Weight: 4lbs 11oz



CAUTION: Use this regulator only with non-siphoned standard CO₂ cylinders

Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection	Supply Voltage
194CE-60-36	CARBON DIOXIDE	50	2", 4000PSI	60	CGA320	5/8" - 18RH(F)	36VAC, 190W
194CE-60-110							110VAC, 190W
194CE-60-220							220VAC, 190W
194CE-100-36				100			36VAC, 190W
194CE-100-110							110VAC, 190W
194CE-100-220							220VAC, 190W

195FE Gas Saving Flowmeter

- Built-in stabilizer for gas saving
- Chrome-plated brass body machined from class "A" brass
- Polycarbonate flow tube and hood are impact resistant for maximum durability and service life
- Backpressure compensated design ensures accurate readings when line restrictions are present
- Easy to "fine-tune" flow settings with adjustable stainless knob
- Working pressure: 50 psi
- Gas saving range: 20-50%*
- Weight: 1lb 2oz

Model Number	Gas Service	Maxum Inlet Preset (PSI)	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
195FE	ARGON, CO ₂ AR/CO ₂ MIX	50	0-60	1/4" NPT(M)	5/8" - 18RH(F)



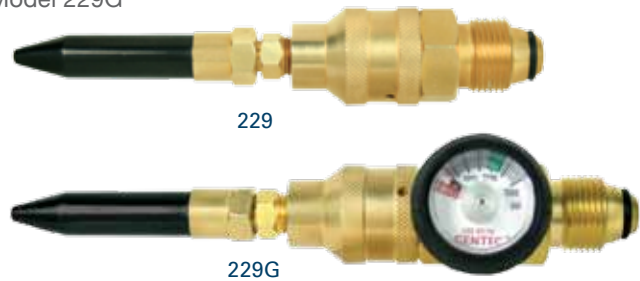
*Actual savings depend on specific requirements of welding operation

229 Series “Economy Balloon Blower”

Model 229 “Economy Balloon Blower” features straight through construction, rugged brass body, and “Piston Type” mechanism.

- Hand tight CGA 580 inlet connection with sintered bronze inlet filter
- 1-1/2” rear entry color-coded cylinder contents gauge on Model 229G
- Weight w/o gauge: 11.9 oz w/gauge: 13.9 oz

Model Number	Inlet Connection	Inlet Gauge	Accessories
229	CGA580, HAND TIGHT	NONE	NONE
229G		1-1/2” 3000PSI REAR	

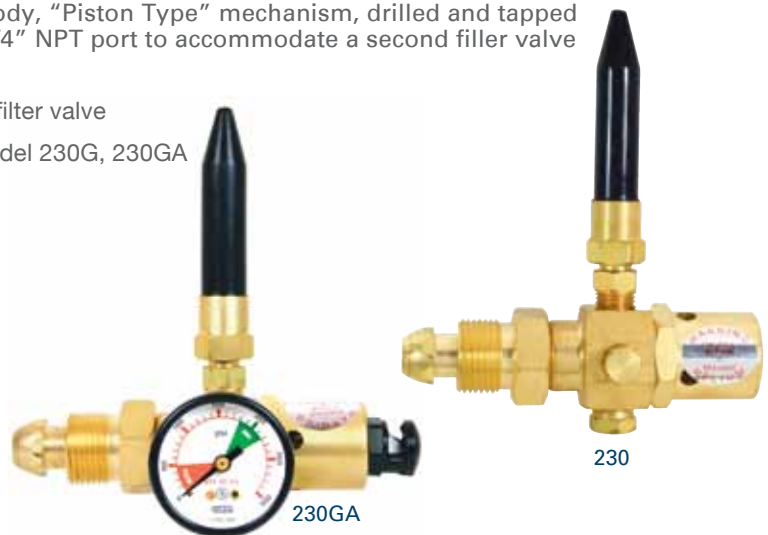


230 Series “Balloon Blower”

Model 230 “Balloon Blower” features an all-rugged brass body, “Piston Type” mechanism, drilled and tapped for tie hook and string cutter. Body contains an additional 1/4” NPT port to accommodate a second filler valve if desired.

- Wrench tight CGA 580 inlet connection with sintered bronze filter valve
- 1-1/2” rear entry color-coded cylinder contents gauge on Model 230G, 230GA
- Weight w/o gauge: 1 lb 2 oz w/gauge: 1 lb 4 oz

Model Number	Inlet Connection	Inlet Gauge	Accessories
230	CGA580	NONE	NONE
230A			TIE HOOK, STRING CUTTER
230G		1-1/2” 3000PSI REAR	NONE
230GA			TIE HOOK, STRING CUTTER

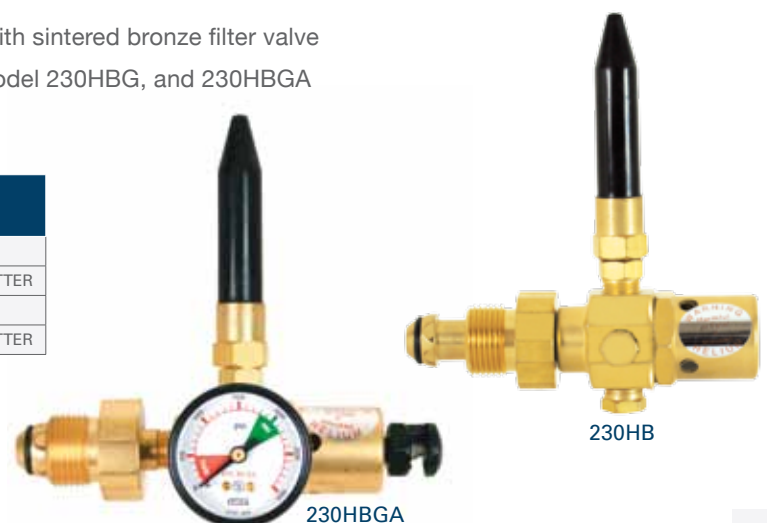


230HB Series “Balloon Blower”

Model 230HB “Balloon Blower” has an all-rugged brass body and, “Piston Type” mechanism. It is drilled and tapped for a tie hook and a string cutter. Body contains an additional 1/4” NPT port to accommodate a second filler valve if desired.

- Combination wrench/hand tight CGA 580 inlet connection with sintered bronze filter valve
- 1-1/2” rear entry color-coded cylinder contents gauge on Model 230HBG, and 230HBGA
- Weight w/o gauge: 1 lb 2 oz w/gauge: 1 lb 4 oz

Model Number	Inlet Connection	Inlet Gauge	Accessories
230HB	CGA580	NONE	NONE
230HBA			TIE HOOK, STRING CUTTER
230HBG		1-1/2” 3000PSI REAR	NONE
230HBGA			TIE HOOK, STRING CUTTER



230H & 230HGMYA SERIES BALLOON FILLER REGULATORS

230H Series “Balloon Blower”

Model 230H “Balloon Blower” features an all-rugged brass body and a “Piston Type” mechanism. It is drilled and tapped for tie hook and string cutter. Body contains an additional 1/4” NPT port to accommodate a second filler valve if desired.

- Large plastic hand tight CGA 580 inlet connection with sintered bronze inlet filter
- 1-1/2” rear entry color-coded cylinder contents gauge on Model 230HG, and 230HGA
- Weight w/o gauge: 1 lb 6 oz w/gauge: 1 lb 8 oz

Model Number	Inlet Connection	Inlet Gauge	Accessories
230H	CGA580, HAND TIGHT	NONE	NONE
230HA			TIE HOOK, STRING CUTTER
230HG		1-1/2” 4000PSI REAR	NONE
230HGA			TIE HOOK, STRING CUTTER



230HGMYA Mylar (Foil)/Latex Balloon Regulator

Model 230HGMYA is both a standard latex and auto-fill mylar balloon inflator. All-rugged brass body and “Piston-Type” mechanism. It is drilled and tapped for a tie hook and a ribbon cutter.

- Automatic shut-off mylar filler to prevent over filling and bursting of expensive mylar balloon
- Large plastic hand tight CGA 580 inlet connection with sintered bronze inlet filter
- Tie hook and string cutter are included
- 1-1/2” rear entry color-coded cylinder contents gauge

Model Number	Inlet Connection	Inlet Gauge	Accessories
230HGMYA	CGA580, HAND TIGHT	1-1/2” 4000PSI REAR	TIE HOOK, STRING CUTTER



Replacement Parts

Model Number	Description
GR15-3MEF	CONTENTS GAUGE, 1-1/2"x 3000PSI, REAR ENTRY
RB236	TIE HOOK, STAINLESS STEEL
RB237	STRING CUTTER
RP-2HP	BODY PLUG, 1/8"NPT
RP-4HP	BODY PLUG, 1/4"NPT



GR15-3MEF



RB236



RB237



RP-2HP



RP-4HP

Replacement Valves

Model Number	Description
RB234	TILT VALVE WITH 1/4" NPT FEMALE INLET
RB232	TILT VALVE WITH 1/4" NPT MALE BUSHING
RB205-1V	TILT VALVE WITH 1/4" NPT MALE INLET
RB205-2V	TILT VALVE WITH MYLAR TIP, WITH 1/4" NPT MALE INLET
RB205-1FV	REPLACEMENT MYLAR TIP FOR TILT VALVE
RB205-1P	PUSH VALVE, WITH 1/4" NPT MALE INLET



RB234



RB232



RB205-1V



RB205-2V



RB205-1FV



RB205-1P

Tips for RB205-1P Push Valve

Model Number	Description
RB205-1BT	LARGE LATEX BALLOON TIP
RB205-1F	MYLAR BALLOON TIP
RB205-1L	LATEX BALLOON TIP ATTACHMENT
RB205-1N	NEEDLE VALVE TIP (M)
RB205-1X	MIXER TIP, 60% HELIUM / 40% AIR



RB205-1BT



RB205-1F



RB205-1L



RB205-1N



RB205-1X

NITROGEN TIRE INFLATION KITS

GENTEC® Nitrogen Tire Inflation Kits allow for easy and cost effective filling of automobile and truck tires with pure nitrogen. The kits are portable, easy to operate, and conform to the specifications and requirements of UL, DOT, and OSHA.

Compressed Nitrogen Gas, a dry inert gas, allows tires to last longer, perform better, and function with a greater degree of reliability than tires inflated with standard compressed air. Its large-sized molecule helps with tire pressure retention, leads to more uniform tire wear, and allows for better gas mileage. Also, it has a low thermal expansion coefficient that minimizes heat damage from pressure changes.

The **GENTEC® Nitrogen Tire Inflation Kits** include a 12" hose whip end, high pressure nitrogen regulator, dial pressure gauge with reset purge valve, and 12 ft. coiled hose. The kits are also available with 20 or 40 cu. ft. nitrogen cylinders in steel carrying stand.

Nitrogen Tire Inflation Kits

Model Number	Content
GKNT	• HQ14-012 12 FT. COILED PNEUMATIC HOSE
	• TW146 WHIP END
	• TF7000 INFLATION HANDLE
	• 452IN-175-WO NITROGEN REGULATOR
GKNT20-TC	• GKNT KIT
	• CY20-580 20 CU. FT. TANK, EMPTY
	• CRT20N CYLINDER CARRYING STAND
GKNT20-T	• GKNT KIT
	• CRT20N CYLINDER CARRYING STAND
GKNT40-TC	• GKNT KIT
	• CY40-580 40 CU. FT. TANK, EMPTY
	• CRT40N CYLINDER CARRYING STAND
GKNT40-T	• GKNT KIT
	• CRT40N CYLINDER CARRYING STAND

GKNT40-TC



Tire Kit Accessories



TW146

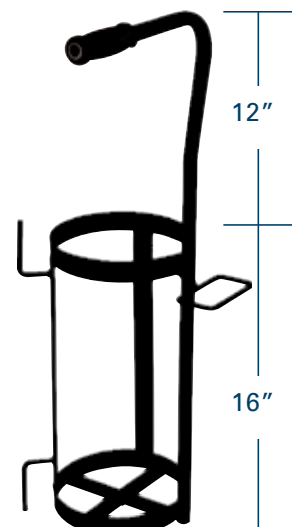


TF7000



HQ14-012

Model Number	Description
TW146	12" HOSE WITH WHIP END
452IN-175-WO	NITROGEN REGULATOR
TF7000	TIRE INFLATION HANDLE WITH GAUGE
HQ14-012	12FT. COILED PNEUMATIC HOSE
CRT20N	20 CU. FT. CYLINDER CARRYING STAND
CAT40N	40 CU. FT. CYLINDER CARRYING STAND
CY20-580	20 CU. FT. CYLINDER, EMPTY
CY40-580	40 CU. FT. CYLINDER, EMPTY



GENTEC® Pressure Gauges are manufactured to meet strictly regulated quality standards (UL404 and ANSI/ASME B40.1) and provide accuracy & reliability for use in O.E.M. and replacement applications. GENTEC® brass gauges are offered in both single scale (PSI) and dual scale (PSI & kPa) to fulfill a wide variety of applications.

1-1/2" Steel Case, Dual Scale

1/8" NPT Inlet

Model Number	Scale Ranges	Entry Type	Case Color
G15-030RL	0-30 PSI RED	SIDE	RED
G15-100	0-100 PSI	SIDE	GREEN
G15-200	0-200 PSI	SIDE	GREEN
G15-400	0-400 PSI	SIDE	RED
GR15-3MEF	0-3000 PSI	REAR	BLACK
GR15-3000RF	0-3000PSI CONTENT	REAR	BLACK
G15-4000	0-4000 PSI	SIDE	GREEN
GR15-4000		REAR	BLACK

2" Brass Case, Dual Scale

1/4" NPT Inlet

Model Number	Scale Ranges	Entry Type
G20B-030RL	0-30 PSI RED	SIDE
G20B-100	0-100 PSI	SIDE
G20B-200	0-200 PSI	SIDE
G20B-400	0-400 PSI	SIDE
G20B-600	0-600 PSI	SIDE
G20B-3000	0-3000 PSI	SIDE
G20B-4000	0-4000 PSI	SIDE

2-1/2" Brass Case, Dual Scale

1/4" NPT Inlet

Model Number	Scale Ranges	Entry Type
G25B-030RL	0-30 PSI RED	SIDE
G25B-100	0-100 PSI	SIDE
G25B-200	0-200 PSI	SIDE
G25B-400	0-400 PSI	SIDE
G25B-600	0-600 PSI	SIDE
G25B-3000	0-3000 PSI	SIDE
G25B-4000	0-4000 PSI	SIDE
G25B-6000	0-6000 PSI	SIDE

2" Steel Case, Dual Scale

1/4" NPT Inlet

Model Number	Scale Ranges	Entry Type	Case Color
G20-030RL	0-30 PSI RED	SIDE	GOLD
G20-050CF	0-50 SCFH	SIDE	GOLD
G20-060	0-60 PSI	SIDE	GOLD
G20-100	0-100 PSI	SIDE	GOLD
G20-200	0-200 PSI	SIDE	GOLD
G20-300	0-300 PSI	SIDE	GOLD
G20-400	0-400 PSI	SIDE	GOLD
G20-600	0-600 PSI	SIDE	GOLD
G20-1500	0-1500 PSI	SIDE	GOLD
G20-3000	0-3000 PSI	SIDE	GOLD
G20-4000	0-4000 PSI	SIDE	GOLD
G20-6000	0-6000 PSI	SIDE	GOLD

2" Brass Case, Single Scale

1/4" NPT Inlet

Model Number	Scale Ranges	Entry Type
G20B-F030R	0-30 PSI RED	SIDE
G20B-F100	0-100 PSI	SIDE
GR20B-F100		REAR
G20B-F200	0-200 PSI	SIDE
GR20B-F200		REAR
G20B-F400	0-400 PSI	SIDE
GR20B-F400		REAR
GR20B-F600	0-600 PSI	REAR
G20B-F4000	0-4000 PSI	SIDE

2-1/2" Brass Case, Single Scale

1/4" NPT Inlet

Model Number	Scale Ranges	Entry Type
G25B-F030R	0-30 PSI RED	SIDE
G25B-F100	0-100 PSI	SIDE
G25B-F200	0-200 PSI	SIDE
G25B-F400	0-400 PSI	SIDE
G25B-F600	0-600 PSI	SIDE
G25B-F4000	0-4000 PSI	SIDE

Replacement Plastic Lens

Model Number	Description
GX15	1-1/2" SNAP-ON
GX20	2" TWIST-LOCK
GX25	2-1/2" TWIST-LOCK



G15-4000



G20B-200



G20B-F4000



G25B-4000



G25B-F4000

REGULATOR ACCESSORIES

GAUGE PROTECTORS

GENTEC® Gauge Protectors are designed for Industrial Gas Regulators to reduce potential damages to pressure gauges

- Made with durable steel construction except for GP20X and GP20Y models, which are made with durable rubber
- Color coded: green for oxygen regulators and red for fuel gas regulators
- Powder-coated finish for steel models
- Regulator is not included but can also be ordered with a gauge protector attached (see items listed below)

NOTE: Gauge Protectors are not designed to replace or alleviate the need for proper cylinder storage systems. Cylinders should always be used and stored in conjunction with local and OSHA requirements. Consult with your Safety Department or Cylinder Gas supplier for additional information.

Model Number	Gas	Color	Fit Regulator*	Regulator w/ Gauge Protector
GP20X	OXYGEN	GREEN	210X-80	210X-80G
GP20Y	ACETYLENE	RED	210Y-15	210Y-15G
GP21X	OXYGEN	GREEN	152X-80	152X-80G
			152TX-80	152TX-80G
			752X-80	752X-80G
GP21Y	ACETYLENE	RED	152Y-15	152Y-15G
			152Y-15-3	152Y-15-3G
			152Y-15-5	152Y-15-5G
			152TY-15	152TY-15G
			152TY-15-3	152TY-15-3G
			752Y-15	752Y-15G
GP31X	OXYGEN	GREEN	153X-125	153X-125G
			153TX-125	153TX-125G
GP31Y	ACETYLENE	RED	153Y-15	153Y-15G
			153Y-15-3	153Y-15-3G
			153TY-15	153TY-15G
			153TY-15-3	153TY-15-3G
G32X	OXYGEN	GREEN	853Y-125	853Y-125G
			753X-125	753X-125G
			453X-175	453X-175G
GP32Y	ACETYLENE	RED	853Y-15	853Y-15G
			853Y-15-3	853Y-15-3G
			753Y-15	753Y-15G
			453Y-15	453Y-15G
			453Y-15-3	453Y-15-3G

*Please refer to GENTEC® SILVER SERIES GAS WELDING & CUTTING APPARATUS brochure (Catalog No. BR-SILVER2008) for information of 752 and 753 series regulators



152X-125G



GP31X
OXYGEN



GP31Y
ACETYLENE



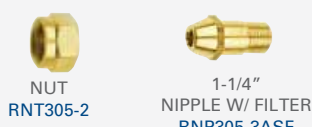
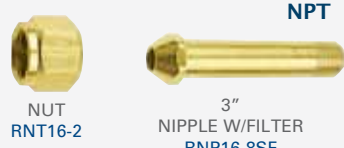
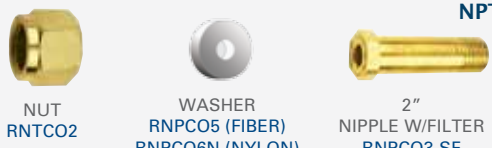
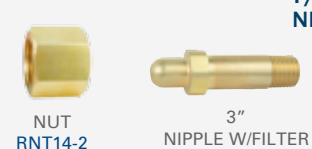
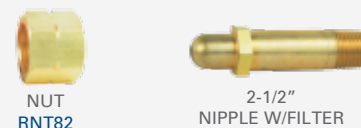
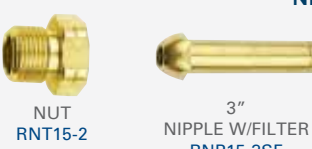
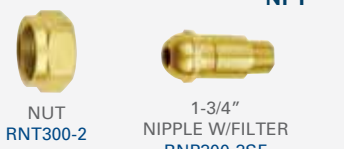
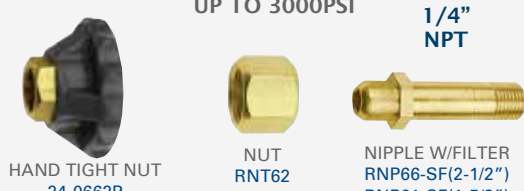
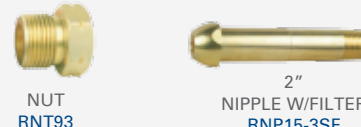
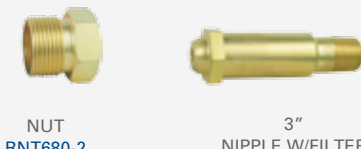
GP20X
OXYGEN



GP20Y
ACETYLENE

REGULATOR ACCESSORIES INLETS, NUTS & NIPPLES

GENTEC® Regulator Inlets, Outlets, and Accessories are accurately machined, with high quality brass, to meet CGA specifications. All inlet stems have a 45 micron sintered bronze filter installed and are interchangeable with all manufacturers' regulators that have 1/4" NPT port sizes. **Remove "SF" from model number for ordering inlet stems without filter.** For CGA 200, use filter model number R210-56 and for all other CGA connections, use R110-56.

CGA200	CGA300	CGA320
FOR "MC" TANK ACETYLENE UP TO 500PSI 1/8" NPT  NUT RNT305-2 1-1/4" NIPPLE W/FILTER RNP305-3ASF	FOR COMMERCIAL ACETYLENE UP TO 500PSI 1/4" NPT  NUT RNT16-2 3" NIPPLE W/FILTER RNP16-8SF	FOR CARBON DIOXIDE UP TO 3000PSI 1/4" NPT  NUT RNTC02 WASHER RNPC05 (FIBER) RNPC06N (NYLON) 2" NIPPLE W/FILTER RNP03-SF
CGA346	CGA347	CGA350
FOR AIR UP TO 3000PSI 1/4" NPT  NUT RNT14-2 3" NIPPLE W/FILTER RNP14-3SF	FOR "AIR/HIGH PRESSURE" UP TO 5500PSI 1/4" NPT  NUT RNT347-2 3" NIPPLE W/FILTER RNP347-3SF	FOR "HYDROGEN/NATURAL GAS" UP TO 3000PSI 1/4" NPT  NUT RNT82 2-1/2" NIPPLE W/FILTER RNP83SFV
CGA510	CGA520	CGA540
FOR POL ACETYLENE & PROPANE UP TO 500PSI 1/4" NPT  NUT RNT15-2 3" NIPPLE W/FILTER RNP15-3SF	FOR "B" TANK ACETYLENE UP TO 500PSI 1/4" NPT  NUT RNT300-2 1-3/4" NIPPLE W/FILTER RNP300-3SF	FOR OXYGEN UP TO 3000PSI 1/4" NPT  HAND TIGHT NUT 24-0662P NUT RNT62 NIPPLE W/FILTER RNP66-SF(2-1/2") RNP61-SF(1-5/8")
CGA580		CGA590
FOR INERT GAS, ARGON, HELIUM & NITROGEN UP TO 3000PSI  NUT RNT92 WRENCH & HAND TIGHT NUT RNT92-HT HAND TIGHT NUT 24-0692P 1/4" NPT NIPPLE W/FILTER RNP15-3SF (3") RNP15-23SF (2-1/8") 1/4" NPT NIPPLE W/FILTER & O-RING RNP615-3SF (3-1/2") RNP615-25SF (2-3/8") O-RING RNPOR-11		FOR INDUSTRIAL AIR UP TO 3000PSI 1/4" NPT  NUT RNT93 2" NIPPLE W/FILTER RNP15-3SF
		CGA680
		FOR INERT GAS/HIGH PRESSURE UP TO 5500PSI 1/4" NPT  NUT RNT680-2 3" NIPPLE W/FILTER RNP680-3SF

REGULATOR ACCESSORIES CGA ADAPTERS

SELECTION TABLE

Form Cylinder Service	To Regulator Service	Model Number
CGA 200 "MC" ACETYLENE	CGA 510 "POL" ACETYLENE 90°	24-0321
CGA 200 "MC" ACETYLENE	CGA 520 "B" ACETYLENE	24-0314
CGA 300 "COMM" ACETYLENE	CGA 510 "POL" ACETYLENE 90°	24-1690
CGA 300 "COMM" ACETYLENE	CGA 510 "POL" ACETYLENE	24-0016
CGA 300 "COMM" ACETYLENE	CGA 510 "POL" ACETYLENE 1 PIECE	24-0061
CGA 320 CARBON DIOXIDE	CGA 580 INERT GAS	24-0806
CGA 510 "POL" ACETYLENE	CGA 300 "COMM" ACETYLENE	24-0015
CGA 510 "POL" ACETYLENE	CGA 300 "COMM" ACETYLENE 1 PIECE	21-0051
CGA 510 "POL" ACETYLENE	CGA 520 "B" ACETYLENE	24-0315
CGA 520 "B" ACETYLENE	CGA 300 "COMM" ACETYLENE	21-0319
CGA 520 "B" ACETYLENE	CGA 200 "MC" ACETYLENE	24-0306
CGA 520 "B" ACETYLENE	CGA 510 "POL" ACETYLENE	24-0317
CGA 520 "B" ACETYLENE	CGA 510 "POL" ACETYLENE 90°	24-0318
CGA 580 INERT GAS	CGA 320 CARBON DIOXIDE	24-0810
CGA 580 INERT GAS	CGA 540 OXYGEN	24-0415

ACETYLENE TO ACETYLENE



CYLINDER CGA 510 "POL"
REGULATOR CGA 300 "COMM"
REFERENCE NO: 15

24-0015

ACETYLENE TO ACETYLENE



CYLINDER CGA 300 "COMM"
REGULATOR CGA 510 "POL"
REFERENCE NO: 16

24-0016

ACETYLENE TO ACETYLENE



CYLINDER CGA 510 "POL"
REGULATOR CGA 300 "COMM"
REFERENCE NO: 51

24-0051

ACETYLENE TO ACETYLENE



CYLINDER CGA 300 "COMM"
REGULATOR CGA 510 "POL"
REFERENCE NO: 61

24-0061

ACETYLENE TO ACETYLENE



CYLINDER CGA 520 "B"
REGULATOR CGA 200 "MC"
REFERENCE NO: 306

24-0306

ACETYLENE TO ACETYLENE



CYLINDER CGA 200 "MC"
REGULATOR CGA 520 "B"
REFERENCE NO: 314

24-0314

ACETYLENE TO ACETYLENE



CYLINDER CGA 510 "POL"
REGULATOR CGA 520 "B"
REFERENCE NO: 315

24-0315

ACETYLENE TO ACETYLENE



CYLINDER CGA 520 "B"
REGULATOR CGA 510 "POL"
REFERENCE NO: 317

24-0317

ACETYLENE TO ACETYLENE



CYLINDER CGA 520 "B"
REGULATOR CGA 510 "POL"
REFERENCE NO: 318

24-0318

ACETYLENE TO ACETYLENE



CYLINDER CGA 520 "B"
REGULATOR CGA 300 "COMM"
REFERENCE NO: 319

24-0319

ACETYLENE TO ACETYLENE



CYLINDER CGA 200 "MC"
REGULATOR CGA 510 "POL"
REFERENCE NO: 321

24-0321

INERT GAS TO OXYGEN



CYLINDER CGA 580
REGULATOR CGA 540
REFERENCE NO: 415

24-0415

CO₂ TO INERT GAS



CYLINDER CGA 320
REGULATOR CGA 580
REFERENCE NO: 806

24-0806

INERT GAS TO CO₂



CYLINDER CGA 580
REGULATOR CGA 320
REFERENCE NO: 810

24-0810

ACETYLENE TO ACETYLENE



CYLINDER CGA 300 "COMM"
REGULATOR CGA 510 "POL"
REFERENCE NO: 1690

24-1690

REGULATOR ACCESSORIES OUTLETS & CHECK VALVES SHUT-OFF VALVE, Y CONNECTION & INERT ARC FITTINGS

CGA REGULATOR OUTLET BUSHING

Oxygen "B" Size	Acetylene "B" Size	Inert Gas
9/16"-18 RH X 1/4" NPT  ROB32	9/16"-18 LH X 1/4" NPT  ROB33	5/8" - 18 RH X 1/4" NPT (0.032 ORIFICE)  ROB34
Oxygen "A" Size	Acetylene "A" Size	S.A.E Flared
3/8"- 24 RH X 1/4" NPT  ROB134	3/8"- 24 LH X 1/4" NPT  ROB135	1/4" - 45° FLARE X 1/4" NPT  ROB48F
Barbed 3/16"	Barbed 3/8"	Push-In Tube
3/16" BARB X 1/4" NPT  ROB316	3/8" BARB X 1/4" NPT  R231-12	5/32" X 1/4" NPT  ROB532

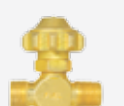
REGULATOR CHECK VALVES

Regulator Bushing Check Valve	Regulator Bushing Adapter Check Valve
PAIR 24-CV8PR  OXYGEN 24-CV8RO  FUEL 24-CV8RF	PAIR 24-CV9PR  OXYGEN 24-CV9RO  FUEL 24-CV9RF

ADJUSTING SCREWS

Locking Adjusting Screws
 For 190 Series R195-03  For 452 Series R230-03

BRASS SHUT-OFF VALVES

Oxygen	Oxygen	Acetylene	Inert Gas
INLET 9/16"-18(RH) OUTLET 9/16"-18(RH)  24-203	INLET 1/4" NPT OUTLET 9/16"-18(RH)  24-205	INLET 1/4" NPT OUTLET 9/16"-18(LH)  24-206	INLET 1/4" NPT OUTLET 5/8"-18(RH)  24-215-AR

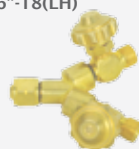
TEE COUPLERS

Oxygen (CGA 540)	Inert Gas (CGA 580)
 24-T-62	 24-T-92

INERT ARC FITTINGS

Nut	Nipple	Adapter	Hose Coupler RH	Hose Coupler LH
5/8"-18(RH)  24-AW-14A	1/4" ID HOSE  24-AW-17	5/8"-18(RH) X 1/4" NPT  24-AW-15A	5/8"-18(RH)  24-AW-430	5/8"-18(LH)  24-AW-431

Y CONNECTION / VALVES

Oxygen	Acetylene	Oxygen / Valves	Acetylene / Valves	Inert Gas / Valves
INLET 9/16"-18(RH) OUTLET 9/16"-18(RH)  24-101	INLET 9/16"-18(LH) OUTLET 9/16"-18(LH)  24-102	INLET 9/16"-18(RH) OUTLET 9/16"-18(RH)  24-111	INLET 9/16"-18(LH) OUTLET 9/16"-18(LH)  24-112	INLET 9/16"-18(RH) OUTLET 9/16"-18(RH)  24-411

HOSE REPAIR KITS & CRIMPING TOOLS

GENTEC® Hose Repair Kits are designed and outfitted to allow timely hose repair in the shop or in the field. A tough polyethylene case holds the components: Hose nuts and nipples (A & B sizes), splicers, couplers, and various size ferrules most commonly used on 3/16" and 1/4" hose. Kits are equipped with 2 types of tools (see below). A display card with the fitting numbers and the compartment location is on case lid for added convenience in selecting and reordering.



CK-1SP



CK-20SP



CK-22SP



CK-24SP



CK-26SP

KITS WITH "A" AND "B" TYPE FITTING - ITEM NUMBERS INCLUDED IN KITS

Model Number	#C-1	#C-5	#7	#8	#9	#10	#17	#18	#19	#30	#31	#44	#45	#130	#131	#769	#7325	7326
CK-1SP	1	--	8	8	4	4	10	6	8	1	1	4	2	1	1	12	10	10
CK-5SP	--	1	8	8	4	4	10	6	8	1	1	4	2	1	1	12	10	10

KITS WITH "B" TYPE FITTING ONLY - ITEM NUMBERS INCLUDED IN KITS

Model Number	#C-1	#C-5	#7	#8	#17	#18	#30	#31	#44	#45	#769	#4750	#7325	#7326
CK-20SP	1	--	6	6	6	6	2	2	4	4	8	6	6	8
CK-24SP	--	1	6	6	6	6	2	2	4	4	8	6	6	8

KITS WITH 1/4" FITTING ONLY - ITEM NUMBERS INCLUDED IN KITS

Model Number	#C-1	#C-5	#7	#8	#17	#30	#31	#44	#3588	#7325	#7326	#9940-P
CK-22SP	1	--	6	6	12	2	2	4	6	4	12	3
CK-26SP	--	1	6	6	12	2	2	4	6	4	12	3

Crimping Tools

GENTEC® Crimping Tools are ideal for shop and field repair of hoses. They are made from high alloy and nickel-plated steel. A one-piece forged jaw provides superior strength.



C-1

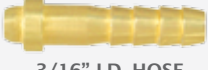
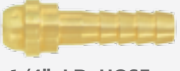


C-5

Model Number	Description
C-1	3/16", 1/4" HAMMER OR VISE TYPE
C-5	3/16", 1/4" V-GRIP PLIER TYPE

Hose Fittings, Ferrules & Braces are manufactured with high quality brass and accurately machined to meet CGA specifications. Ferrules and braces are stamped from brass. The part number is stamped on each ferrule and brace for easy identification.

Brass Hose Nuts, Nipples, Couplers & Splicers, Pressure Up To 200 PSI

"A" Size Nuts	"A" Size Nipple	"A" Size Couplers	Hose Splicers
3/8"-24 UNF-28  OXYGEN, RH 24-0009  FUEL, LH 24-0010	 3/16" I.D. HOSE 24-0019	3/8"-24 UNF-28  OXYGEN, RH 24-0130  FUEL, LH 24-0131	 3/16" I.D. HOSE - 3/16" I.D. HOSE 24-0045  1/4" I.D. HOSE - 1/4" I.D. HOSE 24-0044
"B" Size Nuts	"B" Size Nipples	"B" Size Couplers	"B" To "A" Hose Adapters
9/16"-18 UNF-28  OXYGEN, RH 24-0007  FUEL, LH 24-0008	 3/16" I.D. HOSE 24-0018  1/4" I.D. HOSE 24-0017	9/16"-18 RH UNF-2B  OXYGEN, RH 24-0030  FUEL, LH 24-0031	 B SIZE (M) - A SIZE (F) RH 24-0105  B SIZE (M) - A SIZE (F) LH 24-0106

Hose Ferrules



Model Number	Ferrule I.D.	Ferrule Length
24-0769	.450"	9/16"
24-3588	.564"	3/4"
24-4750	.478"	11/16"
24-7322	.500"	1"
24-7323	.525"	1"
24-7325	.562"	1"

Hose Braces



Order Number	Description
24-9116	FOR 3/16" TWIN HOSES
24-9440P	FOR 1/4" TWIN HOSES

Model Number	Ferrule I.D.	Ferrule Length
24-7326	.593"	1"
24-7327	.625"	1"
24-7328	.656"	1"
24-7329	.687"	1"
24-7330	.718"	1"

Tip Cleaners

GENTEC® “Wire-O” Tip Cleaner Sets feature blue anodized aluminum cover and stainless steel wire tapered ends for easy entry and uniform ridges for optimum cleaning. “Wire-O” standard size cleaners are 5/8” longer for more efficient cleaning of longer channels. “Wire-O” cleaners are excellent for cleaning clogged orifices in sprinklers, shower heads, gas range burners, and windshield washers, etc.



25-120



25-121



25-122



25-130

Model Number	Description	Number of Wires	Wire Length	Wire Sizes	Drill Sizes
25-120	STANDARD	13	2-3/4"	6-26	77-49
25-121	MASTER	21	2-3/4"	1-21	77-49
25-122	JUMBO	9	2-3/4"	13-21	77-49
25-130	KING SIZE	13	4-1/2"	6-26	77-49

Cylinder Wrenches

GENTEC® Cylinder Wrenches are drop forged, special alloy steel for maximum durability. Their “Baked” black powder-coated finish prevents rusting and enhances their appearance. The No. 5 “B” MC Key, is cadmium-plated (silver in color), and also prevents rusting.



27-1013



27-1013L



27-0005

Model Number	Description	Equivalent Number
27-1013	TEN MOUTH; 10 WAY CGA WRENCH W/SOCKET FOR COMMERCIAL ACETYLENE: 3/8" SOCKET (ACTUAL .390)	A-1013
27-1013L	NINE MOUTH; 9 WAY CGA WRENCH FOR NON-FUEL GAS & LINDE TYPE ACETYLENE GAS USERS	N/A
27-0005	B-KEY; 3-1/8" LONG BOX WRENCH FOR B & MC CYLINDERS; 3/16" BOX (ACTUAL .194), CADMIUM-PLATED	5

Twin Welding Hose, 9/16"-18 B Fitting

Model Number	Hose I.D.	Hose Length	Grade
HW23-012	3/16"	12.5'	R
HW23-T015	3/16"	15'	T
HW23-T020	3/16"	20'	T
HW24-T020	1/4"	20'	T
HW24-T025	1/4"	25'	T
HW24-050	1/4"	50'	R



HW23-T020

Welding Goggles & Cup Goggles



WELDING GOGGLES
9-WG1P



FIXED FRONT
WELDING GOGGLES
20-1775-5



FIXED FRONT
CUP STYLE GOGGLES
20-1675-5



CUP GOGGLES
9-WG6G



LIFT FRONT
WELDING GOGGLES
20-1710-5



LIFT FRONT
CUP STYLE GOGGLES
20-1610-5

Strikers



SINGLE FLINT SPARK LIGHTER
25-300



TRIPLE FLINT SPARK LIGHTER
25-450

Welding Nozzles

171W, 172W, 173WRTE					
Tip Size	Metal Thickness	Drill Size	Oxygen (PSIG)	Acetylene (PSIG)	Acetylene (SCFH)
000	UP TO 1/32"	75 (.022)	3/5	3/5	1/2
00	1/16" - 3/64"	70 (.028)	3/5	3/5	1.5/3
0	1/32" - 5/64"	65 (.035)	3/5	3/5	2/4
1	3/64" - 3/32"	60 (.040)	3/5	3/5	3/6
2	1/16" - 1/8"	56 (.046)	3/5	3/5	5/10
3	1/8" - 3/16"	53 (.060)	4/7	3/5	8/18
4	3/16" - 1/4"	49 (.073)	5/10	4/7	10/25
5	1/4" - 1/2"	43 (.089)	6/12	5/8	15/35
6	1/2" - 3/4"	36 (.106)	7/14	6/9	25/45

472W			
Tip Size	Metal Thickness	Oxygen (PSIG)	Acetylene (SCFH)
0	1/64"	1	1
1	1/32"	1	1
2	3/64"	2	2
3	1/16"	3	3
4	3/32"	4	4
5	1/8"	5	5
6	3/16"	6	6
7	1/4"	7	7
8	5/16"	8	8

Mini-Style Oxy-Acetylene Brazing Tips

Model Number	Oxygen (PSIG)	Acetylene (PSIG)	Acetylene (SCFH)	Brazing Capacity For Copper	Welding Metal Thickness
GMTW-1	5	5	2/3	1/2"	3/64"
GMTW-2	5	5	2/4	1"	5/64"
GMTT	5	5	4/6	1"	N/A
GMTR	5	5	4/8	1-1/2"	N/A

Oxy-Acetylene Brazing Tips

Model Number	Oxygen (PSIG)	Acetylene (PSIG)	Acetylene (SCFH)	Brazing Capacity For Copper
G17-VMA-1	15	12	30	1/2" - 6
G17-FT	5	5	4	UP TO 7/8"
G13-8VM	25	15	60	4" - 12"

Heating Nozzle Data

Model Number	Tip Size	Oxygen (PSIG)	Acetylene/Fuel (PSIG)	Oxygen (SCFH)	Acetylene/Fuel (SCFH)
171H / 172H / 173H	2	4/8	4/8	3/10	3/9
	4	8/12	6/10	7/22	6/20
	6	10/15	8/12	15/44	14/40
	8	20/30	10/15	33/88	30/80
	10	30/40	12/15	44/110	40/100
	12	50/60	12/15	66/165	60/150
	15	50/60	12/15	99/244	90/220
171HN / 172HN / 173HN	6	8/20	2/10	20/80	5.5/20
	8	10/20	10/15	40/140	10/35
	10	10/30	12/20	80/320	20/80
	12	30/25	15/25	120/640	30/160
	15	30/125	15/25	200/800	50/200
	20	40/135	15/25	300/1000	75/250
175HN	10	70/100	15/25	150/200	150/200
	15	90/120	20/35	250/350	250/350
	20	100/150	30/50	400/500	400/500
472H-2	2	3/7	3/7	NA	30/50

*173H-12 and 173H-15 are also used for propylene based fuel gases and MAPP®

TECHNICAL DATA

CUTTING TIPS-172 & 173 SERIES

172C & 173C Oxy-Acetylene Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Cutting Oxygen (PSIG)	Cutting Oxygen (SCFH)	Pre-Heat Oxygen (PSIG*)	Pre-Heat Oxygen (SCFH)	Acetylene (PSIG)	Acetylene (SCFH)
000	1/8"	28/30	20/25	20/25	3/5	3/5	3/5	3/5
00	1/4"	27/30	20/25	30/35	3/5	4/6	3/5	4/6
0	3/8"	24/28	25/30	55/60	3/5	5/9	3/5	5/8
0	1/2"	20/24	30/35	60/65	3/6	7/11	3/5	6/10
1	3/4"	17/21	30/35	80/85	4/7	9/14	3/5	8/10
2	1"	15/19	35/40	140/150	4/9	11/18	3/6	10/16
2	1-1/2"	13/17	40/45	150/160	4/12	13/20	3/7	12/18
3	2"	12/15	40/45	210/225	5/14	15/24	4/9	14/22
3	2-1/2"	10/13	45/50	225/240	5/16	18/29	4/10	16/26
4	3"	9/12	45/50	270/320	6/17	20/33	5/10	18/30
5	4"	8/11	45/55	390/450	7/18	24/37	5/12	22/34
5	5"	7/9	50/55	425/450	7/20	29/41	5/13	26/38
6	6"	6/8	45/55	500/600	10/22	33/48	7/13	30/44
6	8"	5/6	45/55	500/600	10/25	37/55	7/14	34/50
7	10"	4/5	45/55	700/850	15/30	44/62	10/15	40/56
8	12"	3/5	45/55	900/1000	20/35	53/88	10/15	48/62

172CN & 173CN Oxy-Propane / Natural Gas Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Cutting Oxygen (PSIG)	Cutting Oxygen (SCFH)	Pre-Heat Oxygen (PSIG*)	Pre-Heat Oxygen (SCFH)	Fuel Gas (PSIG)	Fuel Gas (SCFH)
000	1/8"	24/28	20/25	12/14	20/25	23/108	3/5	5/6
00	1/4"	21/25	20/25	22/26	20/25	23/108	3/5	5/7
0	3/8"	20/24	25/30	45/55	20/25	23/108	3/5	8/10
0	1/2"	18/22	30/35	50/55	20/25	23/108	3/5	8/10
1	3/4"	15/20	30/35	70/80	20/25	23/108	4/6	10/12
2	1"	14/18	35/40	115/125	20/25	23/108	4/8	12/15
2	1-1/2"	12/16	40/45	125/135	20/25	23/108	5/9	12/15
3	2"	10/14	40/50	105/175	20/25	23/108	5/9	14/18
3	2-1/2"	9/12	45/50	175/200	20/25	23/108	6/10	14/18
4	3"	8/11	45/50	210/250	20/25	23/108	8/12	16/20
5	4"	7/10	54/55	300/360	20/25	23/108	8/12	20/30
5	5"	6/9	50/55	300/360	20/25	23/108	8/12	20/30
6	6"	5/7	45/55	400/500	20/25	38/153	10/15	25/35
6	8"	4/6	55/65	450/500	20/25	38/153	10/15	25/35

*Only applicable for three-hose machine torches

172CP & 173CP & 173CM Oxy-Propane / MAPP® Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Cutting Oxygen (PSIG)	Cutting Oxygen (SCFH)	Pre-Heat Oxygen (PSIG*)	Pre-Heat Oxygen (SCFH)	Acetylene (PSIG)	Acetylene (SCFH)
00	1/4"	21/25	20/25	22/26	20/25	23/108	3/5	5/7
0	3/8"	20/24	25/30	45/55	20/25	23/108	3/5	8/10
0	1/2"	18/22	30/35	50/55	20/25	23/108	3/5	8/10
1	3/4"	15/20	30/35	70/80	20/25	23/108	4/6	10/12
2	1"	14/18	35/40	115/125	20/25	23/108	4/8	12/15
2	1-1/2"	12/16	40/45	125/135	20/25	23/108	5/9	14/18
3	2"	10/14	40/45	105/175	20/25	23/108	5/9	14/18
3	2-1/2"	9/12	45/50	175/200	20/25	23/108	6/10	14/18
4	3"	8/11	45/50	210/250	20/25	23/108	8/12	16/20
5	4"	7/10	45/50	300/360	20/25	23/108	8/12	20/30
5	5"	6/9	50/55	300/360	20/25	23/108	8/12	20/30

173CHP Oxy-Propylene / MAPP® High Speed Cutting Tips

173CHN Oxy-Propane / Natural Gas High Speed Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Cutting Oxygen (PSIG)	Cutting Oxygen (SCFH)	Pre-Heat Oxygen (PSIG*)	Pre-Heat Oxygen (SCFH)	Fuel Gas (PSIG)	Fuel Gas (SCFH)
00	1/4"	22/33	85/100	68/75	10/15	23/140	5 UP	12/65
00	3/8"	22/31	85/100	68/75	10/15	23/140	5 UP	12/65
0	1/2"	20/30	85/100	110/120	10/15	23/140	5 UP	12/65
0	3/4"	18/28	85/100	110/120	10/15	23/140	5 UP	12/65
1	1	17/27	85/100	145/160	10/15	23/140	5 UP	12/65
1	1-1/4"	16/23	85/100	145/160	10/15	23/140	5 UP	12/65
1	1-1/4"	12/19	85/100	145/160	10/15	23/140	5 UP	12/65
2	2"	11/17	85/100	230/250	10/15	23/140	5 UP	12/65
2	2-1/2"	10/15	85/100	230/250	10/15	23/140	5 UP	12/65
2	3"	9/13	85/100	230/250	10/15	23/140	5 UP	12/65
3	4"	7/11	85/100	285/320	10/15	23/140	5 UP	12/65
3	5"	6/9	85/100	285/320	10/15	23/140	5 UP	12/65
3	6"	5/8	85/100	285/320	10/15	23/140	5 UP	12/65
4	7"	5/7	85/100	390/450	10/15	23/140	5 UP	12/65
4	8"	4/7	85/100	390/450	10/15	23/140	5 UP	12/65
5	9"	4/6	85/100	670/720	10/15	23/140	5 UP	12/65
5	10"	3/6	85/100	670/720	10/15	23/140	5 UP	12/65

*Only applicable for three-hose machine torches

TECHNICAL DATA

CUTTING TIPS-472, 473, 672C, 673C SERIES

472C Oxy-Acetylene Cutting Tips

Tip Size	Metal Thickness	Oxygen (PSIG)	Fuel Gas (PSIG)
000	0 to 3/16"	15/20	5/15
00	3/16" - 3/8"	20/25	5/15
0	3/8" - 5/8"	35/40	5/15
1	5/8" - 1"	35/40	5/15
2	1" - 2"	40/45	5/15
3	2" - 3"	45/50	5/15
4	3" - 6"	50/75	10/15

472CN Oxy-Propane/Natural Gas Cutting Tips

Tip Size	Metal Thickness	Oxygen (PSIG)	Fuel Gas (PSIG)
000	0 to 3/16"	15/30	5/15
00	3/16" - 3/8"	20/30	5/15
0	3/8" - 5/8"	30/40	5/15
1	5/8" - 1"	35/50	5/15
2	1" - 2"	40/55	5/15
3	2" - 3"	45/60	5/15
4	3" - 6"	50/75	5/15
5	6" - 8"	65/80	5/15
6	8" - 12"	70/90	5/15

473CHN Oxy-Propane/Natural Gas High Speed Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Cutting Oxygen (PSIG)	Cutting Oxygen (SCFH)	Pre-Heat Oxygen (PSIG*)	Pre-Heat Oxygen (SCFH)	Fuel Gas (PSIG)	Propane (SCFH)	Natural Gas (SCFH)
0	3/4"	15	90	125	10/35	35	2	7	18
1	2"	13	100	200	12/35	40	2	8	20
2	4"	7	100	325	12/35	40	2	8	20
3	6"	5	100	425	12/40	40	2	8	20
4	8"	5	100	525	12/40	40	2	8	20
5	9"	4	90	580	40	100	2	20	50
6	11"	4	60	690	40	100	2	20	50
7	12"	4	60	825	40	100	2	20	50
8	15	3	60	925	40	100	2	20	50

672C Oxy-Acetylene Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Oxygen (PSIG)	Oxygen (SCFH)	Acetylene (PSIG)	Acetylene (SCFH)
0	1/4"	20/24	30	57	2	14
1	3/8"	18/21	30	84	3	20
2	3/4"	14/17	40	134	3	22

673C Oxy-Acetylene Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Oxygen (PSIG)	Oxygen (SCFH)	Acetylene (PSIG)	Acetylene (SCFH)
0	5/16"	20/24	30	60	2	17
1	1/2"	17/20	40	105	3	25
2	1"	14/16	50	160	3	27

*Only applicable for three-hose machine torches

672CHN Oxy-Natural Gas Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Cutting Oxygen (PSIG)	Pre-Heat Oxygen (PSIG*)	Fuel Gas (PSIG)
0	1/4"	29	100	30	2.1
0	3/8"	27	100	30	2.1
1	1/2"	25	100	40	2.1
2	3/4"	22	100	45	2.1
2	1"	20	100	45	2.1
3	1-1/2"	18	100	45	2.1
4	2"	16	100	45	2.1
5	2-1/2"	14	100	55	2.1
5	3"	12.5	100	55	2.1
6	4"	10	100	55	2.1
6	5"	9	100	55	2.1
7	6"	7	100	65	2.1
7	8"	5.5	100	65	2.1
8	10"	4	100	65	2.1
8	12"	3	100	65	2.1

673CHNP Oxy-Propane/Propylene Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Cutting Oxygen (PSIG)	Cutting Oxygen (SCFH)	Pre-Heat Oxygen (PSIG*)	Pre-Heat Oxygen (SCFH)	Fuel Gas (PSIG)	Fuel Gas (SCFH)
0	1/4"	26/30	100	25/40	30	40/45	2/5	10/12
0	3/8"	26/29	100	25/40	30	40/45	2/5	10/12
1	1/2"	23/27	100	80/90	40	40/45	2/5	10/12
2	3/4"	20/24	100	130/140	45	45/50	3/6	10/15
2	1"	18/22	100	130/140	45	45/50	3/6	10/15
3	1-1/2"	16/20	100	180/200	45	45/50	3/6	10/15
4	2"	14/18	100	250/270	45	65/70	3/6	15/20
5	2-1/2"	12/14	100	350/360	55	65/70	3/6	15/20
5	3"	10/15	100	350/370	55	65/70	3/6	15/20

572C Oxy-Acetylene Cutting Tips

Tip Size	Metal Thickness	Oxygen (PSIG)	Oxygen (SCFH)	Fuel Gas (PSIG)	Fuel Gas (SCFH)
0	1/4"	35	47	10	6
0	3/8"	40	55	10	6
1	1/2"	45	85	10	7
1	5/8"	50	90	10	7
2	3/4"	50	120	10	9
2	1"	55	130	10	9
3	1-1/2"	55	180	10	10
3	2"	60	195	10	10

572CN Oxy-Propane/Natural Gas Cutting Tips

Tip Size	Metal Thickness	Oxygen (PSIG)	Oxygen (SCFH)	Fuel Gas (PSIG)	Fuel Gas (SCFH)
1	1/2"	45	110	10	7
1	5/8"	50	115	10	7
2	3/4"	50	140	10	7
2	1"	55	155	10	7
2	1-1/4"	60	170	10	7

*Only applicable for three-hose machine torches

573C Oxy-Acetylene Gas Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Oxygen (PSIG)	Oxygen (SCFH)	Acetylene (PSIG)	Acetylene (SCFH)
1	1/2"	19	35	85	10	10
1	5/8"	17	40	100	10	10
2	3/4"	16	35	115	10	11
2	1"	14	40	130	10	11
2	1-1/4"	13	50	150	10	11

772C Oxy-Acetylene Gas Cutting Tips

Tip Size	Metal Thickness	Cutting Speed (IN/MIN)	Oxygen (PSIG)	Oxygen (SCFH)	Acetylene (PSIG)	Acetylene (SCFH)
2	5/8"	16/20	38/45	75/85	5/10	10/12
2	3/4"	14/18	23/28	95/100	5/10	12/14
2	1"	13/15	30/35	120/125	5/10	14/16
2	1-1/2"	11/13	45/56	165/175	5/10	16/20
4	2"	10/12	30/38	195/200	5/10	18/20
4	3"	9/11	40/48	230/240	5/10	18/22
4	4"	8/10	60/73	300/325	5/12	21/25
6	5"	7/9	58/62	350/380	7/12	20/25
6	6"	6/8	67/73	400/460	7/12	25/30

The Small Torch Tip

10STP OXY-FUEL TIPS				OXY-FUEL TWIN TIPS			OXY-FUEL HEATING TIPS		
Tip Size	Gas Service	Oxygen (PSIG)	Fuel Gas (PSIG)	Model Number	Oxygen (PSIG)	Fuel Gas (PSIG)	Model Number	Oxygen (PSIG)	Fuel Gas (PSIG)
2	ACETYLENE	2	2	10STP-3C	4	4	10STP-HF6	14	10
3	ACETYLENE PROPANE MAPP [®] PROPYLENE	3	3	10STP-4C	4	4	10STP-HY6	14	10
4		4	4	10STP-5C	6	6			
5		6	6						
6		6	6						
7		8	8						

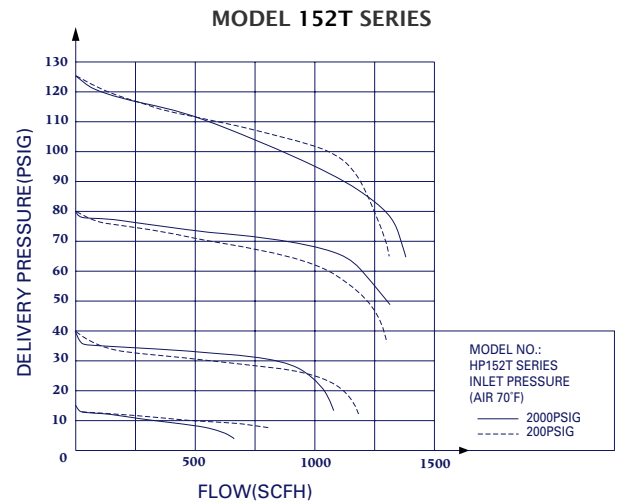
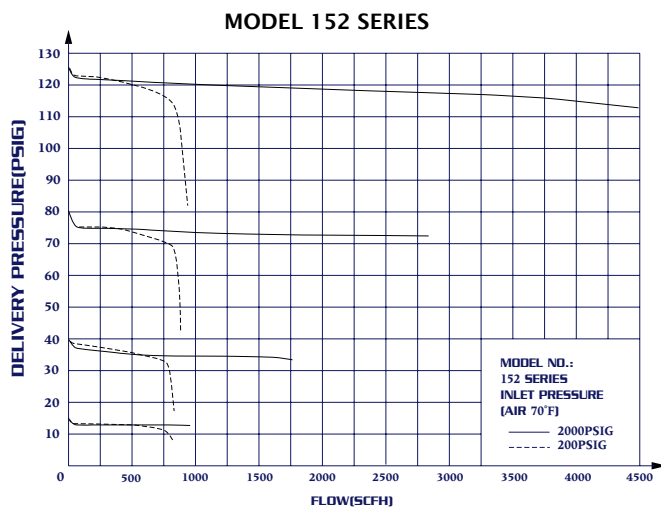
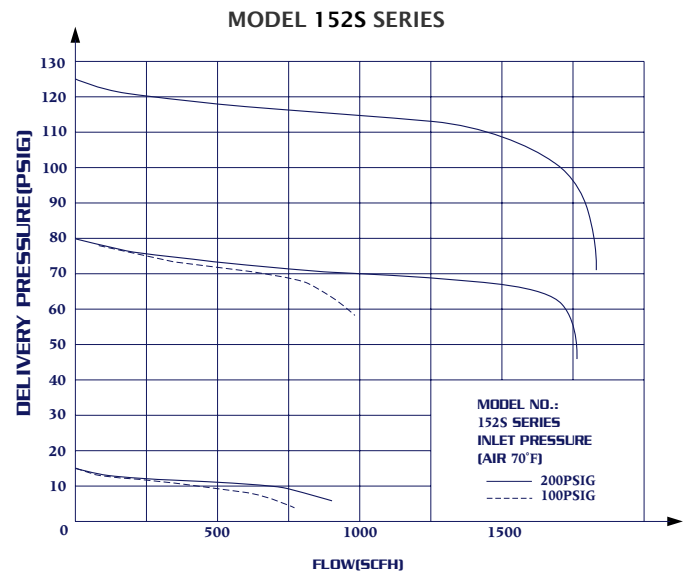
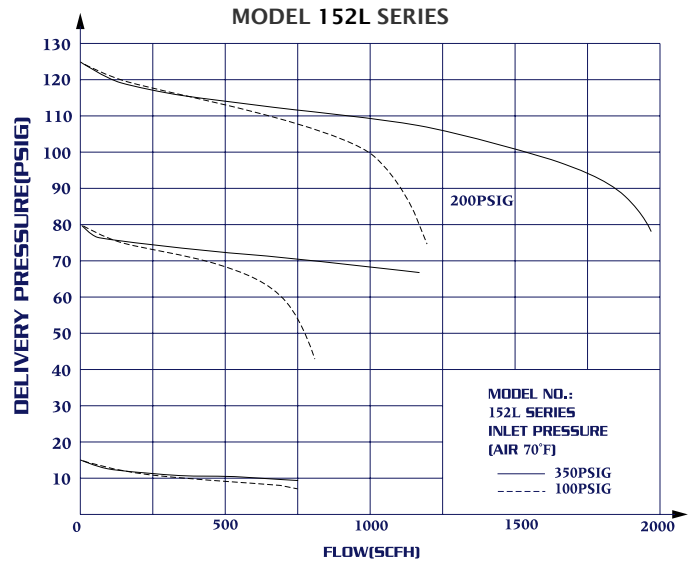
The Compact Torch Tips

10CMP OXY-FUEL TIPS				OXY-ACETYLENE TWIN TIP & HEATING TIPS				
Tip Size	Gas Service	Oxygen (PSIG)	Fuel Gas (PSIG)	Model Number	Oxygen (PSIG)	Fuel Gas (PSIG)	Fuel Gas (SCFH)	Brazing Capacity For Copper
2	ACETYLENE	25	4	10CMP-GMTT	5	5	4/6	1"
3	ACETYLENE PROPANE MAPP [®]	25	4	10CMP-GMTR	5	5	4/8	1-1/2"
4		28	4.5					
5		28	4.5					
6		30	5					
7		30	6					

ALL REGULATOR FLOW CHARTS in this section were obtained using free air at 70°F. To determine flow rates of the other gases, multiply flow rates from the flow charts by the correction factors listed in the following table.

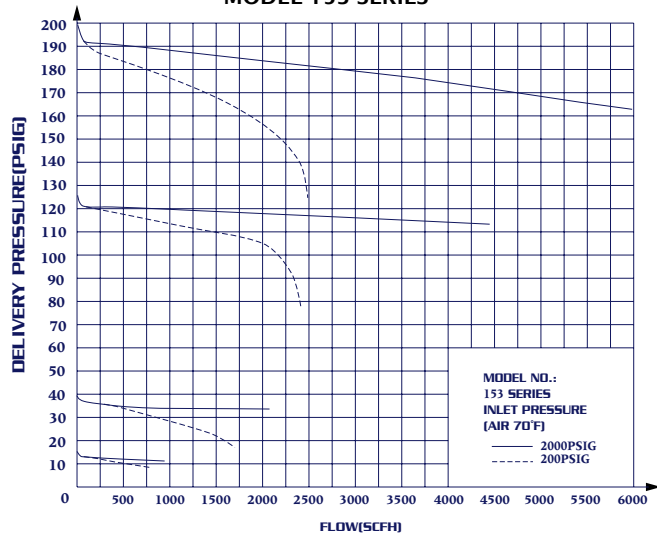
CORRECTION FACTOR	
ACETYLENE	1.050
AIR	1.000
ARGON	0.850
BUTANE	0.710
CARBON DIOXIDE	0.810
HELIUM	2.690
HYDROGEN	3.800
MAPP®	0.820
METHANE	1.40
NATURAL GAS	1.220
NITROGEN	1.016
OXYGEN	0.950
PROPANE	0.810
PROPYLENE	0.830

Three variables are presented in flow charts. They are inlet pressure, static delivery pressure (outlet pressure) and flow rate. When two of them are specified, the third can be determined.

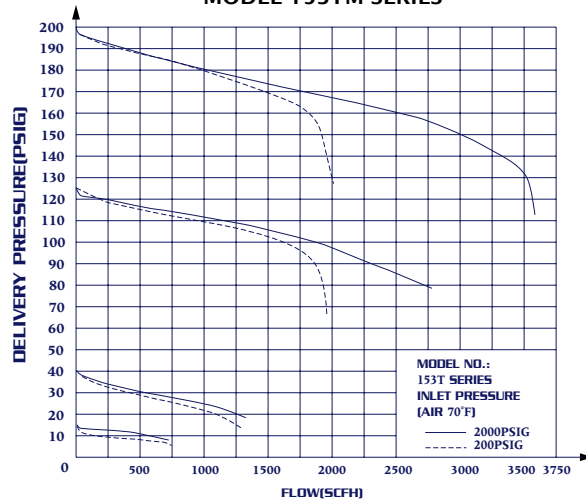


REGULATOR FLOW CHARTS

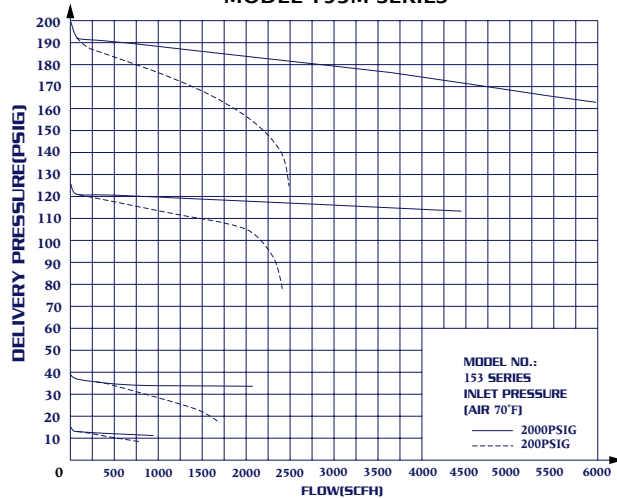
MODEL 153 SERIES



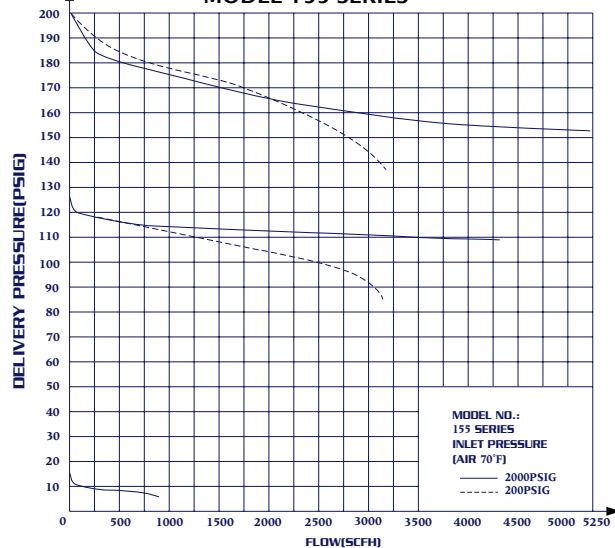
MODEL 153TM SERIES



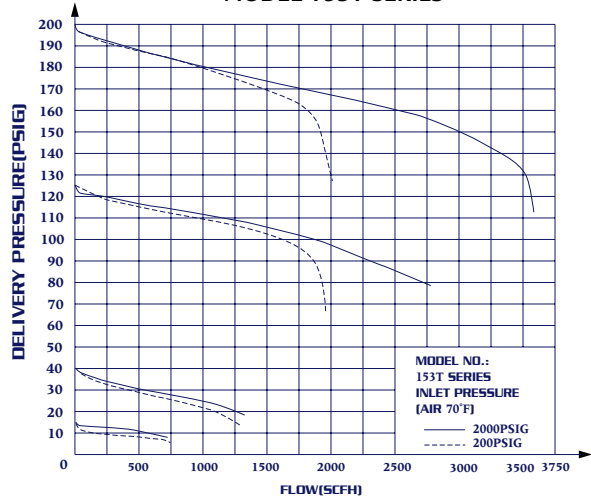
MODEL 153M SERIES



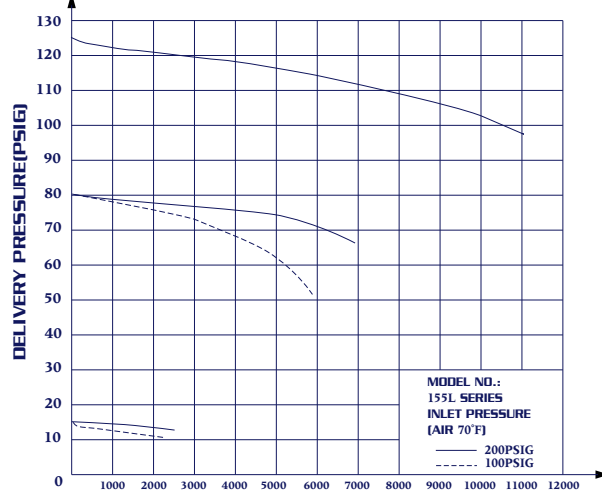
MODEL 155 SERIES



MODEL 153T SERIES

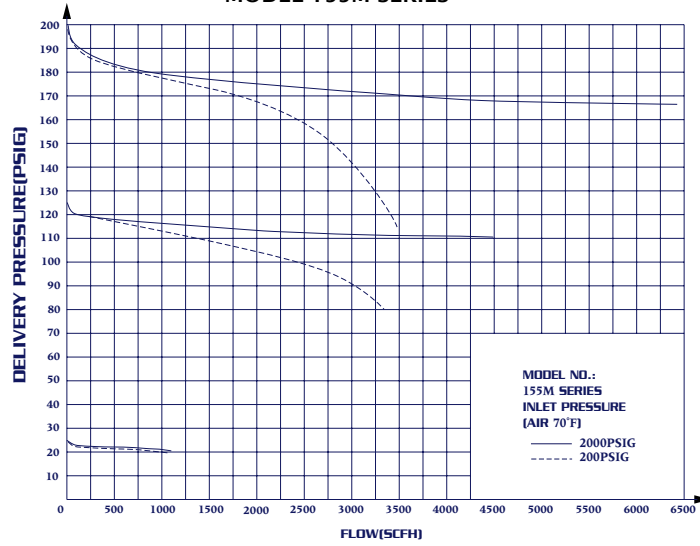


MODEL 155L SERIES

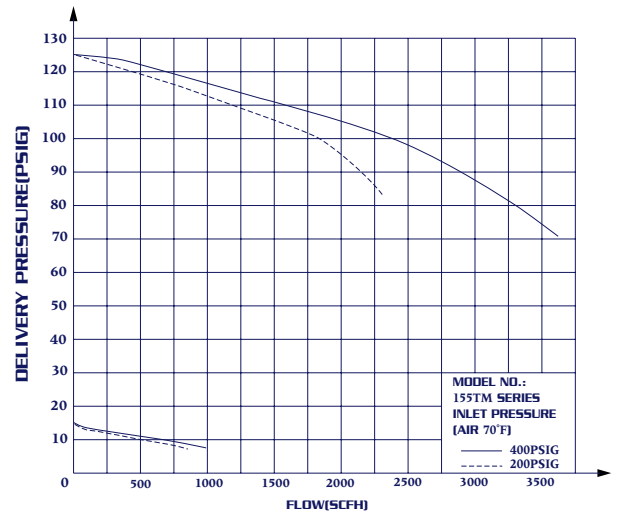


REGULATOR FLOW CHARTS

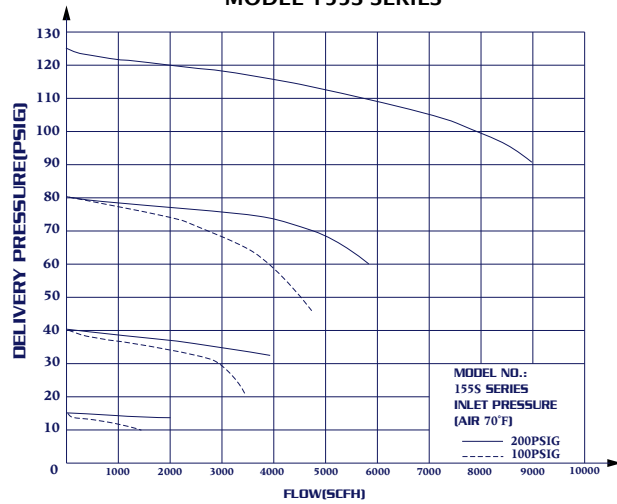
MODEL 155M SERIES



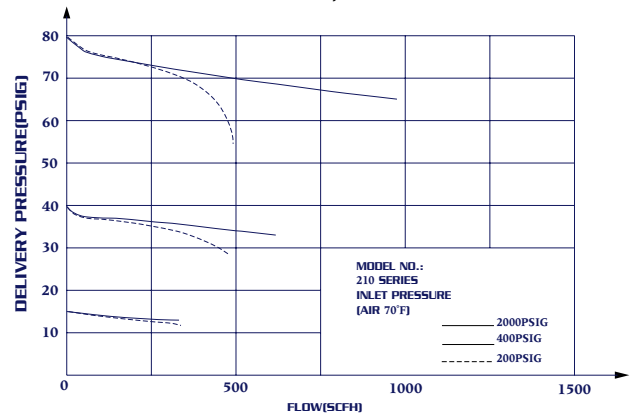
MODEL 155TM SERIES



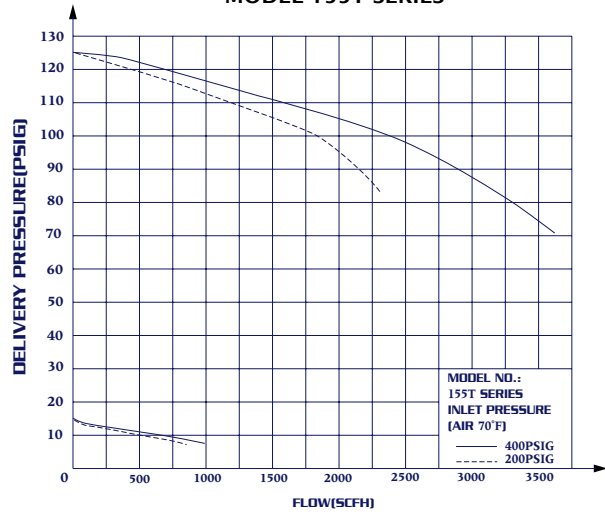
MODEL 155S SERIES



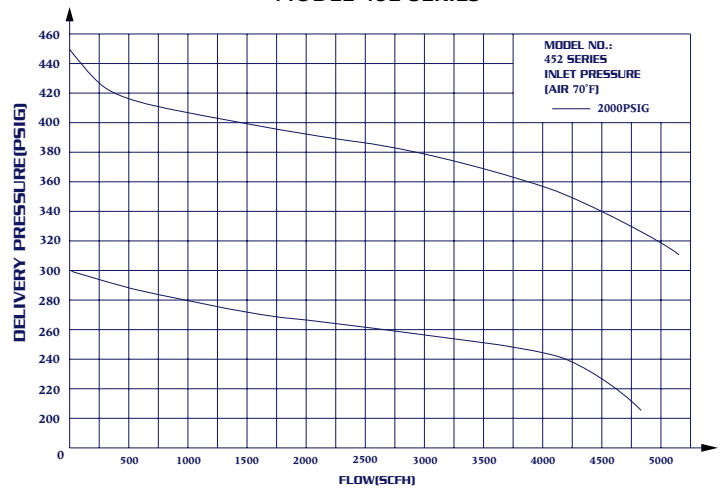
MODEL 190, 210 SERIES



MODEL 155T SERIES

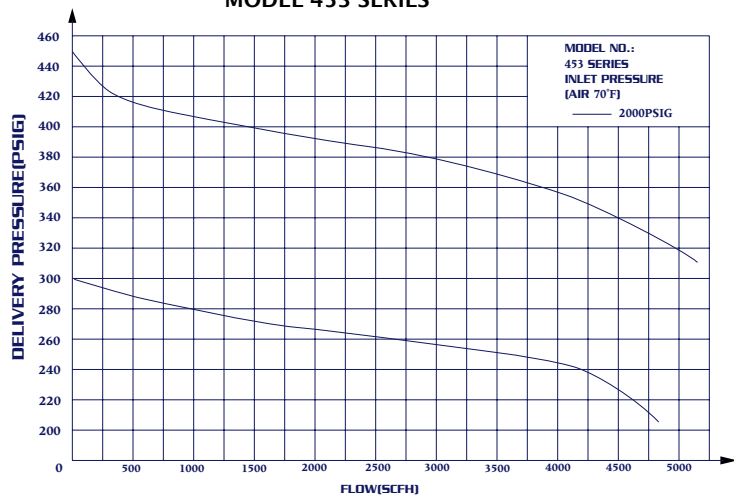


MODEL 452 SERIES

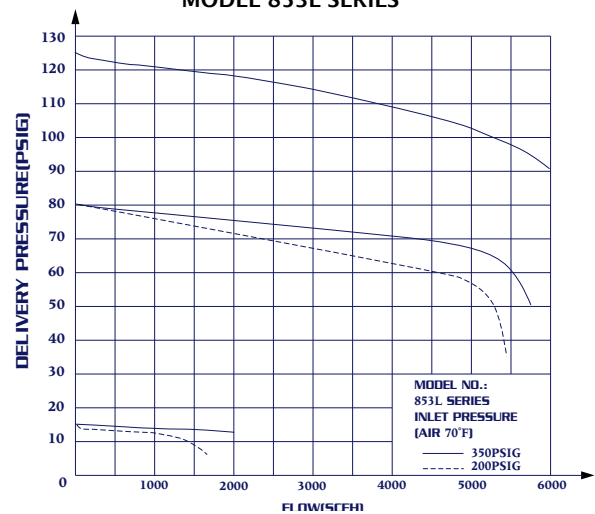


REGULATOR FLOW CHARTS

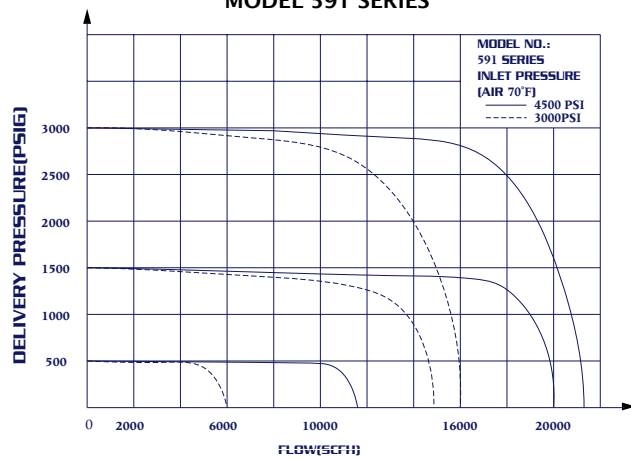
MODEL 453 SERIES



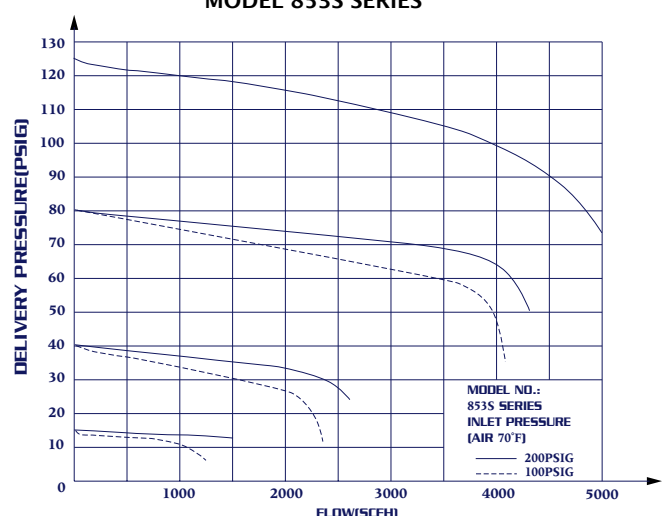
MODEL 853L SERIES



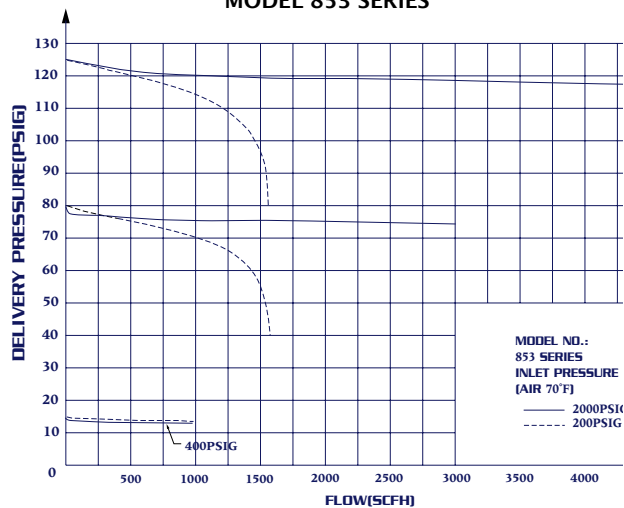
MODEL 591 SERIES



MODEL 853S SERIES



MODEL 853 SERIES



CATALOG INDEX & COMPARISON CHART

EQUIVALENT CODE KEY (C) CONCOA/AIRCO®; (CS) CUTSKILL®; (FP) FIREPOWER®; (H) HARRIS®; (K) Koike; (P) PUROX/ESAB® (S) Superior; (SM) Smith Equipment®; (U) UNIWELD®; (V) VICTOR® ; (W) Western Enterprise®								
Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
10CM	29		141T	8	(U) WH250	152LX-80	47	
10CM-H12	29				(V) J100C	152LY-15	47	(U) RUHL8211
10CMP	30		141TA	8				(V) L260A-250
10CMP-C3SP	30		141TA-CV	8		152Q-125	36	(U) RUH8218
10CMP-C4SP	30		141TA-FA	8				(V) SR250D-346
10CMP-GMTR	30		141T-CV	8				(W) RS-2-3
10CMP-GMTT	30		141T-FA	8		152Q-15	36	
10ST	26	(SM) 11-1101C	142C	10	(CS) CA270-V	152SF-125	45	(V) S261D-025
10ST-H06	26				(FP) CA250-FS	152SF-80	45	(U) RUHS8212
10ST-H12	26				(U) CA350			(V) S261C-025
10STP	26	(SM) 12-1401			(V) CA1350	152SIN-125	45	(U) RUHS8214
		(U) ART(X)A	142T	8	(U) WH350			(V) S250D-034
10STP-2~6SP	26				(V) 100C	152SIN-40	45	(V) S250B-034
10STP-3~7SP	26		142T-CV	8		152SIN-40FG	45	(V) SFG250-034
10STP-3C	26	(SM) 12-1402-03	142T-FA	8	(CS) WH270FC-V	152SIN-80	45	(V) S250C-034
		(U) ART3AT			(FP) WH270FC-FS	152SX-125	45	(U) RUHS8210
10STP-4C	26	(SM) 12-1402-04			(V) 100FC			(V) S250D-024
		(U) ART4AT	143ACA	10	(U) 780	152SX-40	45	(V) S250B-024
10STP-5C	26	(SM) 12-1402-05			(V) 2461	152SX-80	45	(V) S250C-024
		(U) ART5AT	143CA	10	(CS) CA370-V	152SY-15	45	(U) RUHS8211
10STP-HF6	26	(SM) 13-662			(FP) CA350-FS			(V) S260A-025
		(U) ART662			(U) 780A	152TF-80	42	(U) RHT8012
10STP-HY6	26	(SM) 13717			(V) CA2460			(V) VTS261B-510
		(U) ART717	143SCA	10	(U) 780B	152TIN-125	42	(U) RHT8014
1120	2				(V) 2462			(V) VTS250D-580
1120-3	2		143T	8	(U) WH360	152TQ-125	42	(U) RHT8018
1120FA	2				(V) 315C			(V) VTS250D-346
1120FA-3	2		143T-CV	8		152TX-80	42	(U) RHT8010
1121	2		143T-FA	8	(CS) WH370FC-V		64	(V) VTS250C-540
1121-3	2				(FP) WH370FC-FS	152TX-80G	42	
1121FA	2	(V) Performer			(V) 315FC		64	
1121FA-3	2	(V) Performer	143TL	8	(U) WH360L	152TY-15	42	(U) RHT8011
1130	4				(V) 310C		64	(V) VTS260A-510
1130-3	4		143TL-CV	8		152TY-15-3	42	(U) RHT8011-1
1130FA	4	(V) Journeyman	143TL-FA	8			64	(V) VTS260A-300
1130FA-3	4	(V) Journeyman	143TLH	8	(U) 72L11	152TY-15-3G	42	
1131	4				(V) HD310C		64	
1131-3	4		143TLH-CV	8		152TY-15G	42	
1131FA	4	(V) Journeyman II	143TLH-FA	8			64	
1131FA-3	4	(V) Journeyman II	152AR-100	51	(CS) AF200-580	152X-80	36	(CS) RC250-80-540
1138	3				(H) 425-AR100-580		64	(FP) 250-80-540-FB
1138-3	3				(U) RHFG14-50			(SM) H1710C-540
1138FA	3	(V) Contender			(W) RS-3-FG	152X-80G	36	(V) SR250C-540
1138FA-3	3	(V) Contender	152CD-100	51	(H) 425-CD100-320			
11ST	26				(SM) H1758-320		64	
12-PT	6	(U) KL350-P			(U) RHFG13-50	152Y-15	36	(CS) RC250-15-510
		(V) Portable Torch			(W) RS-4-FG		64	(FP) 250-15-510-FB
12-PTC	6	(U) KL350-P-TU	152F-80	36	(CS) RC250-40-510LP			(H) 2500-15-510
		(V) Portable Torch			(FP) 250-40-510LP-FB			(SM) H1721C-510
12-PTCSP	6				(H) 2500-50-510P	152Y-15-3	36	(V) SR260A-510
13-OS	7				(SM) H1722C-510		64	(CS) RC250-15-300
13-OSA	7				(V) SR261C-510			(FP) 250-15-300-FB
13-OSAFA	7	(V) Journeyman Select	152IN-125	36	(FP) FPR250-125-580			(H) 2500-15-300
13-OSFA	7	(U) KV780AFB			(H) 2500-125-580			(SM) H1720C-300
		(V) Journeyman Select			(SM) H1730C-580	152Y-15-3G	36	(V) SR260A-300
140T	8	(U) 71			(V) SR250D-580		64	
		(V) J-28	152LF-80	47	(V) L261C-250	152Y-15-5	36	(V) SR260A-520
140T-CV	8		152LX-125	47	(U) RUHL8210		64	
140T-FA	8				(V) L250D-250	152Y-15-5G	64	
141C	10	(U) CA250	152LX-200	47				
		(V) CA1260						

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CATALOG INDEX & COMPARISON CHART

EQUIVALENT CODE KEY (C) CONCOA/AIRCO®; (CS) CUTSKILL®; (FP) FIREPOWER®; (H) HARRIS®; (K) Koike; (P) PUROX/ESAB® (S) Superior; (SM) Smith Equipment®; (U) UNIWELD®; (V) VICTOR® ; (W) Western Enterprise®								
Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
152Y-15G	36 64		153TQ-125	43	(H) 9200-125-590 (V) VTS450D-590	155IN-125	41	(V) SR700D-580
153C-125	40	(U) RV8013 (V) SR453D-320 (W) RC-4-3	153TQ-200	43	(H) 9200-160-346 (H) 9200-250-346 (U) RVT8018 (V) VTS450E-346	155IN-200	41	(V) SR700E-580
153C-200	40	(SM) HB1533-320 (V) SR453E-320	153TX-125	43	(H) 9200-125-540 (SM) H1410B-540 (U) RVT8010 (V) VTS450D-540 (W) RD-9-3	155LF-125	48	(V) L711D-500
153F-125	40	(H) 3500-50-510P (SM) HB1522B-510 (U) RV8012 (V) SR461D-510		64		155LF-200	48	(V) L711E-500
153H-125	40	(U) RV8017 (V) SR452D-350	153TX-125G	43		155LX-125	48	(V) L700D-750
153H-200	40	(V) SR452E-350 (W) RC-6-4	153TX-125G	64		155LX-200	48	(V) L700E-750
153IN-125	40	(CS) RC450-125-580 (H) 3500-125-580 (U) RV8014 (V) SR450D-580 (W) RC-7-3	153TX-250	43	(SM) H1413B-540 (U) RVT8010-3 (V) VTS450E-540 (W) RD-9-4	155LX-80	48	(V) L700C-750
153IN-250	40	(SM) HB1530-580 (V) SR450E-580 (W) RC-7-4	153TY-15	43	(H) 9200NC-15-510 (SM) H1421B-510 (U) RVT8011 (V) VTS460A-510 (W) RD-1-1	155LY-15	48	(V) L710A-750
153IN-250-F	40	(U) RV8015A-1	153TY-15-3	43	(H) 9200NC-15-300 (SM) H1420B-300 (U) RVT8011-1 (V) VTS460A-300 (W) RD-1A-1	155MIN-125	50	(V) SR700MD-996 (W) RDM-9-4
153MF-125	49	(H) 3510-125LH (V) SR461MD-997		64		155MIN-200	50	(V) SR700ME-996 (W) RDM-9-4
153MX-125	49	(H) 3510-125RH (V) SR450MD-996 (W) RM-2-4	153TY-15-3G	43		155MY-15	50	(V) SR710MA-996
153MX-200	49	(H) 3510-200RH (V) SR450ME-996 (W) RM-2-4	153TY-15G	43		155Q-125	41	
153MY-15	49	(H) 3510-15 (V) SR460MA-997 (W) RM-1-1	153X-125	40	(CS) RC450-125-540 (H) 3500-125-540 (SM) HB1510A-540 (U) RV8010 (V) SR450D-540 (W) RC-9-3	155Q-200	41	(V) SR700E-346
153Q-125	40	(V) SR450D-590 (W) RC-2-3		64		155SF-80	46	(SM) HB1580A (V) S711C-997
153Q-200	40	(U) RV8018 (V) SR450E-346 (W) RC-2-4	153X-125G	40		155SX-125	46	(SM) HB1575A (V) S700D-996 (SM) HB1579A (V) S710A-997
153TC-125	43	(H) 9200-125-320 (SM) H1434A-320 (U) RVT8013 (V) VTS453D-320 (W) RD-4-3	153X-250	40	(H) 3500-200-540 (SM) HB1511A-540 (U) RV8010-3 (V) SR450E-540 (W) RC-9-4	155TF-125	44	(V) VTS711D-510
153TC-200	43	(H) 9200-250-320 (V) VTS453E-320	153Y-15	40	(CS) RC450-15-510 (H) 3500-15-510 (SM) HB1521B-510 (U) RV8011 (V) SR460A-510 (W) RC-1-1	155TIN-125	44	(V) VTS710D-580
153TF-125	43	(H) 9200-50-510P (U) RVT8012 (V) VTS461D-510 (W) RD-10-2	153Y-15-3	40	(CS) RC450-15-300 (H) 3500-15-300 (SM) HB1520B-300 (U) RV8011-1 (V) SR460A-300 (W) RC-1A-1	155TIN-200	44	(V) VTS710E-580
153TIN-125	43	(H) 9200-125-580 (U) RVT8014 (V) VTS450D-580 (W) RD-7-3		64		155TMIN-125	50	(V) VTS700MD-996
153TIN-250	43	(H) 9200-250-580 (SM) H1414B-580 (V) VTS450E-580 (W) RD-7-4	153Y-15-3G	40		155TMIN-200	50	(V) VTS700ME-996
153TMX-125	49		153Y-15G	40		155TMY-15	50	(V) VTS710MA-997
153TMY-15	49		155F-125	41	(V) SR711D-510	155TQ-125	44	
			155H-200	41	(V) SR702E-350	155TQ-200	44	
						155TX-125	44	(V) VTS700D-540
						155TX-200	44	(V) VTS700E-540
						155TY-15	44	(V) VTS710A-510
						155TY-15-3	44	(V) VTS710A-300
						155X-125	41	(V) SR700D-540
						155X-200	41	(V) SR700E-540
						155Y-15	41	(V) SR710A-510
						155Y-15-3	41	
						161S-17	12	(V) CST800C
						161S-17-CV	12	(U) EC72740A
						161S-17-FA	12	(U) EC72740AFB
						162L-21	12	(V) CST800FC (FP) ST900C-FS (V) ST900C
						162L-21-CV	12	
						162L-21-FA	12	(V) ST900FC
						162S-17	12	(V) SST900C
						162S-17-CV	12	
						162S-17-FA	12	(V) SST900FC
						163AL-21	12	(V) ST1601C
						163AL-21-CV	12	(U) 831-21
						163AL-21-FA	12	(U) 831-21FB (V) ST2601FC (V) ST1611C
						163AL-27	12	
						163AL-27-CV	12	
						163AL-27-FA	12	(V) ST2611FC
						163AL-36	12	(V) ST1631C
						163AL-36-CV	12	(U) 831-36
						163AL-36-FA	12	(U) 831-36FB (V) ST2631FC (V) ST1651C (U) 831-48
						163AL-48	12	
						163AL-48-CV	12	

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
163AL-48-FA	12	(U) 831-48FB (V) ST2651FC	173CG	22	(FP) 1-118-FP (U) 1-118	190F-80	34	(CS) SR7-40-510 (SM) H1945E-510
163L-21	12	(V) ST1600C			(V) 1-118			(U) MR8212
163L-21-CV	12	(U) 830-21	173CGN	22	(U) 1-234	190IN-175	34	(V) SR7-40-510 (SM) H1931A-580
163L-21-FA	12	(U) 830-21FB (V) ST2600FC (V) ST1610C	173CHN	22	(V) 1-234 (U) MTHN (V) MTHN	190IN-175-F	34	(U) R1563 (CS) SR5-40-580
163L-27	12		173CHP	22	(U) MTHP (V) MTHP	190IN-80	34	(H) 301-100-580 (V) SR5B-580 (W) REB-3
163L-27-CV	12	(V) ST2610FC			(U) GPM (V) GPM	190X-80	34	(CS) SR5-60-540 (FP)150-60-540-FB (H) 301-100-540 (SM) H1910F-540 (U) MR8210 (V) SR5-60-540 (W) REB-9-3
163L-27-FA	12	(V) ST1630C	173CM	22	(U) GPP (V) GPP			(CS) SR6-15-510 (FP)150-15-510-FB (H) 301-15-510 (SM) H1945E-510 (U) MR8211 (V) SR6-15-510 (W) REB-1-1 (H) 301-15-300 (SM) H1942E-300 (U) MR8211-1 (V) SR6-15-300 (W) REB-1A-1 (H) 301-15-520B (SM) H1941E-520 (U) MR8211-2 (V) SR6-15-520 (CS)HRF1425-580 (FP)HRF1480-580-FB (H) 355-2-AR-580 (U) FR1413 (V) HRF2425-580 (W) REF-3-PG (CS) 0781-2743 (FP)HRF1480-580FPH (H) 355-2AR-58010 (W) REF-3-PGD (FP)HRF1480-580FPH (U) KFR1413 (W) REF-3-PGD (CS) HRF1480-320 (FP)HRF1480-320-FB (H) 355-2-CD-320 (U) FR1413 (V) HRF2480-320 (W) REF-4-PG (CS) 0781-2745 (H) 355-2CD-32010 (W) REF-4-PGD (U) KFR13 (W) REF-4-PGD (H) 355-2-HE-320 (U) FR14-6 (V) HRF2425-580 (W) RF-3-P
163L-36	12	(U) 830-36	173CN	22	(FP) GPN-FP (U) GPN (V) GPN			
163L-36-CV	12	(U) 830-36FB (V) ST2630FC			(U) GPP (V) GPP			
163L-36-FA	12	(U) 830-36FB (V) ST2630FC	173CP	22	(FP) MFA-FS (U) TYPE 11 (V) MFA	190Y-15	34	
163L-48	12	(V) ST1650C	173H	20	(U) Type 12 (V) MFN (FP) W-FP (U) Type 4 (V) W (U) Type 1 (V) RTE (V) RTEN (V) Type 55			
163L-48-CV	12	(U) 830-48	173HN	20		190Y-15-3	34	
163L-48-FA	12	(U) 830-48FB (V) ST2650FC	173W	17				
163S-17	12	(V) SST1600C	173WRTE	18		190Y-15-5	34	
163S-17-CV	12	(U) 830-17						
163S-17-FA	12	(U) 830-17FB (V) SST2600FC	173WRTE	18				
		(V) SST2600FC	173WRTE	18				
163SL-21	12	(V) ST1602C	175HN	21				
163SL-21-CV	12	(U) 832-21	190AR1-50	51				
163SL-21-FA	12	(U) 832-21FB (V) ST2602FC	190AR1-50-6HSP	54				
		(V) ST1612C	190AR1-50-B	51				
163SL-27	12		190AR1-50-P	51				
163SL-27-CV	12		190AR-50	51				
163SL-27-FA	12							
163SL-36	12	(V) ST1632C						
163SL-36-CV	12	(U) 832-36						
163SL-36-FA	12	(U) 832-36FB (V) ST2632FC						
		(V) ST1652C						
163SL-48	12	(U) 832-48						
163SL-48-CV	12	(U) 832-48FB (V) ST2652FC						
163SL-48-FA	12	(U) 832-48FB (V) ST2652FC						
		(U) TYPE28 (V) MFA-J (V) MFN-J (U) Type 17 (V) W-J (FP) 3-101-FP (U) 3-101 (V) 3-101 (U) 3-118 (V) 3-118 (FP) 3-GPN-FP (U) 3-GPN (V) 3-GPN (U) 3-GPP (V) 3-GPP (FP) MFA-1-FS (U) TYPE 29 (V) MFA-1 (V) MFN-1 (FP) W-1-FS (U) Type 13 (V) W-1 (V) UN-1+TEN (FP) 1-101-FP (U) 1-101 (V) 1-101						
171H	20							
171HN	20							
171W	17							
172C	22							
172CG	22							
172CN	22							
172CP	22							
172H	20							
172HN	20							
172W	17							
172WRTE	18							
173C	22							

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
191NR-70	53		210X-80G	6		24-0019	69	(S) NP4
191QR-70	53			35				(W) 19
194CE-100-110	58			64		24-0030	69	(S) C50
194CE-100-220	58		210X-80-A	35	(U) RO			(W) 30
194CE-100-36	58		210Y1-15-B	35		24-0031	69	(S) C51
194CE-60-110	58		210Y1-15-M	35	(U) RMC			(W) 31
194CE-60-220	58		210Y-15	35	(CS) SR6-15-200R	24-0044	69	(S) S344
194CE-60-36	58				(FP) FPR-160AR-200			(W) 44
195AE-60	57				(U) RMC2B	24-0045	69	(S) S333
195AR-60	54	(SM) H1952D-580			(V) SR160AR-200			(W) 45
		(U) CEF1413	210Y-15G	6		24-0051	66	(S) A531
		(V) HSR2570-580		35				(W) 51
		(W) RFS-3-P		64		24-0061	66	(S) A801
195AR-60-6HSP	54	(U) KF1413	210Y-15-3	35	(U) RCAB			(W) 61
195CD-60	54	(SM) H1956D-320	210Y-15-3-A	35	(U) RCA	24-0101	67	(S) Y50
		(U) CEF1413	210Y-15-5	35				(W) 101
		(V) HSR2570-320	210Y-15-510	35	(U) RWB	24-0102	67	(S) Y51
		(W) RFS-4-P	210Y-15-510-A	35	(U) RW			(W) 102
195CD-60-6HSP	54	(U) KF1413	210Y-15-A	35	(U) RMC2	24-0105	69	(S) A306
195FE	58		220-50	52	(FP) 0387-1232			(W) 105
195FM	55	(H) 55-2AR/CD70-1/4	227C	52	(W) RP305810	24-0106	69	(S) A307
		(SM) H1108E	227CG	52	(W) RP320 SERIES			(W) 106
		(U) UAF-1413	227N	52		24-0111	67	(S) YV50
		(V) FM150	227NG	52				(W) 111
		(W) RWS-2-13	229	59	(W) R125	24-0112	67	(S) YV51
195FM-5	55	(H) 55-2AR/CD70(M)	229-50-B	52				(W) 112
		(V) FM147	229-50-P	52		24-0130	69	(S) C10
195FM-7	55		229G	59	(W) R125G			(W) 130
195FM-9	55	(H) 55-2AR/CD70	230	59	(W) RPB-6	24-0131	69	(S) C11
		(V) FM137	230A	59				(W) 131
195HE-150	54	(SM) H1952D-580	230G	59	(V) BF-50	24-0203	67	(S) V52
		(U) CEF14-8			(W) RPB-6G			(W) 203
		(V) HSR2537-580	230GA	59		24-0205	67	(S) V88
		(W) RFS-5-P	230H	60	(W) RPB-6H			(W) 205
195TAR-60	54	(SM) H1760-580	230HA	60	(W) BR2H	24-0206	67	(S) V89
		(V) HVTS2570-580	230HB	59				(W) 206
195TCD-60	54	(SM) H1765-320	230HBA	59		24-0215-AR	67	(S) V454
		(V) HVTS2570-320	230HBG	59				(W) 215-AR
195THE-150	54	(V) HVTS2570-580	230HBGA	59		24-0306	66	(S) A842
196AR-60	55	(H) 356-AR/HE-580	230HG	60	(V) BFH-50			(W) 306
		(SM) H1970-580	230HGA	60	(W) RPB-6HG	24-0314	66	(S) A784
		(80SCFH)	230HGMYA	60	(W) BR2HG			(W) 314
		(U) DEF14	24-0007	69	(W) BR2HG	24-0315	66	(S) A840
		(V) DFM150-580			(S) N20			(W) 315
		(W) RFD-3-P			(W) 7	24-0317	66	(S) A848
196HE-150	55	(H) 356-AR/HE-580	24-0008	69	(S) N21			(W) 317
		(U) DEF14			(W) 8	24-0318	66	(S) A850
		(W) RFD-3-P			(S) N10			(W) 318
198CD-60	56		24-0009	69	(W) 9	24-0319	66	(S) A844
199CD-60	56	(H) 4-CD100F-320	24-0010	69	(S) N11			(W) 319
		(V) SR311-320			(W) 10	24-0321	66	(S) A780
20-1610-5	70		24-0015	66	(S) A830			(W) 321
20-1675-5	70				(W) 15	24-0411	67	(S) YV420
20-1710-5	70		24-0016	66	(S) A800			(W) 411
20-1775-5	70				(W) 16	24-0415	66	(S) A876
210F-80	35	(CS) SR5-60-540R	24-0017	69	(S) NP10			(W) 415
210X-80	35	(FP) FPR-150CR-540	24-0018	69	(S) NP6	24-0662P	65	(S) HTN71P
		(U) ROB			(W) 17			(W) 662P
		(V) SR150CR-540			(W) 18	24-0692P	65	(S) HTN73P
								(W) 692P

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
24-0769	69	(W,S) 769			(W) CV-30R			(W) RS-7-4
24-0806	66	(S) A809	24-CVWB	31		452IN-175-F	37	(U) RUH8215A-1
		(W) 806	24-T-62	67	(S) C2540	452IN-175-F-680	37	
24-0810	66	(S) A870			(W) T-62	452IN-175-WO	62	
		(W) 810	24-T-92	67	(S) C2580	452IN-300	37	(H) 25-200C-580
24-1690	66	(S) A802			(W) T-92	452IN-300-F	37	
		(W) 1690	25-120	70		452IN-450	37	(H) 25-500C-580
24-3588	69	(W,S) 3588	25-121	70				(SM) H1935D-580
24-4750	69	(W,S) 4750	25-122	70				(W) RS-7-5
24-7322	69	(W,S) 7322	25-130	70		452IN-450-F	37	
24-7323	69	(W,S) 7323	25-300	70		452IN-450-F-680	37	
24-7325	69	(W,S) 7325	25-450	70		452IN-80	37	(H) 25-100C-580
24-7326	69	(W,S) 7326	263L-21	13				(W) RS-7-3
24-7327	69	(W,S) 7327	263L-21-CV	13		452X-175	37	(H) 25-200C-540
24-7328	69	(W,S) 7328	263L-21-FA	13				(U) RUH8210
24-7329	69	(W,S) 7329	263S-18	13				(W) RS-9-4
24-9116	69	(W,S) 9116	263S-18-CV	13		452X-80	37	(H) 25-100C-540
24-9940P	69	(W,S) 9940-P	263S-18-FA	13				(W) RS-9-3
24-AW-14A	67	(S) N2400	27-0005	70		452Y-15	37	(H) 25-15C-510
		(W) AW-14A	27-1013	70				(U) RUH8211
24-AW-15A	67	(S) A404	27-1013L	70				(W) RS-1-1
		(W) AW-15A	342T-F	9		452Y-15-3	37	(H) 25-15C-300
24-AW-17	67	(S) NP73	342T-F-CV	9				(U) RUH8211-1
		(W) AW-17	342T-F-FA	9				(W) RS-1A-1
24-AW430	67	(S) C126	342T-Y	9		452Y-15-5	37	(H) 25-15C-520
		(W) AW430	342T-Y-CV	9				(U) RUH8211-2
24-AW431	67	(S) C127	342T-Y-FA	9		453X-175	38	(H) 425-200-540
		(W) AW431	363S-18	13			64	
24-CV5PR	15	(U) TCVA	363S-18-CV	13		453X-175G	38	
		(W) WE-63	363S-18-FA	13			64	
24-CV5TF	15	(U) TCV11	4121	5	(H) Steelworker	453Y-15	38	(H) 425-15-510
		(W) CV-A10	4121-3	5	(H) Steelworker		64	
24-CV5TO	15	(U) TCV10	4121FA	5		453Y-15-3	38	(H) 425-15-300
		(W) CV-A9	4121FA-3	5			64	
24-CV7PR	15	(H) 88-6CVT	4131	5	(H) Pipeliner	453Y-15-3G	38	
		(U) TCVB	4131-3	5	(H) Pipeliner		64	
24-CV7PR	15	(V) 0690-0011	4131FA	5		453Y-15G	38	
		(W) WE-60	4131FA-3	5			64	
24-CV7TF	15	(H) 88-6CVTL	442C	11	(H) 72-3	463AE-18	13	
		(U) TCV-101			(U) CA79A	463AE-18-CV	13	(H) 62-5AE
		(V) CTF	442T	9	(H) 85			(U) 40-18
		(W) CV-8L			(U) WH79-2	463AE-18-FA	13	
24-CV7TO	15	(H) 88-6CVTR	442T-CV	9		463AEL-21	13	
		(U) TCV-100	442T-FA	9		463AEL-21-CV	13	(H) 62-5AEL 21
		(V) CTO	443C	11	(H) 73-3			(U) 40-21
		(W) CV-7R			(U) CA43A	463AEL-21-FA	13	
24-CV8PR	15	(W) WE-62	443T	9	(H) 43-2	463AEL-36	13	
	67				(U) 43L9	463AEL-36-CV	13	(H) 62-5AEL 36
24-CV8RF	15	(H) 88-7CVRL	443T-CV	9				(U) 40-36
	67	(W) CV-33L	443T-FA	9		463AEL-36-FA	13	
24-CV8RO	15	(H) 88-7CVRR	452C-175	37	(U) RUH8213	463AF-18	13	
	67	(W) CV-32R			(W) RS-4-4	463AF-18-CV	13	(H) 62-5AF
24-CV9PR	15	(H) 88-6CVR	452C-175-F	37				(U) 40F-18
	67	(V) 0690-0012	452C-300	37		463AF-18-FA	13	
		(W) WE-61	452C-300-F	37		463AFL-21	13	
24-CV9RF	15	(H) 88-6CVRL	452F-125	37		463AFL-21-CV	13	(H) 62-5AFL 21
	67	(U) RCV-101	452F-40	37	(H) 25-50C-510P			(U) 40F-21
		(V) CRF			(U) RUH8212	463AFL-21-FA	13	
		(W) CV-31L			(W) RS-10-2	463AFL-36	13	
24-CV9RO	15	(H) 88-6CVRR	452IN-175	37	(H) 25-200C-580	463AFL-36-CV	13	(H) 62-5AFL 36
	67	(U) RCV-100			(U) RUH8215			(U) 40F-36
		(V) CRO				463AFL-36-FA	13	

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
463E-18	13		573C	23	(FP) SC12	710Y-15	26	(SM) H1944F-200
463E-18-CV	13	(H) 62-5E (U) 40A-18	591H-1500	33	(SM) SC12 (H) 8700-1500-350	710Y-15G	29	
463E-18-FA	13		591H-3000	33	(V) SR4G-350	710F-80	29	(SM) H1945E-510
463EL-21	13		591H-750	33	(V) SR4J-350		29	
463EL-21-CV	13	(H) 62-5EL 21 (U) 40A-21	591IN-1500	33	(V) SR4F-350 (H) 8700-1500-580 (SM) HB1883-580 (1000psi)	752X-80	64	
463EL-21-FA	13				(V) SR4G-580	752X-80G	64	
463EL-36	13				(W) RS-11-15	752Y-15	64	
463EL-36-CV	13	(H) 62-5EL 36 (U) 40A-36	591IN-1500-680	33	(H) 8700-1500-680 (SM) HB1893-680 (1000psi)	752Y-15G	64	
463EL-36-FA	13				(V) SR4G-680	753X-125	64	
463F-18	13		591IN-3000	33	(SM) H803-580 (2500psi)	753X-125G	64	
463F-18-CV	13	(H) 62-5F (U) 40AF-18			(V) SR4J-580 (W) RS-11-20 (2000psi)	753Y-15	64	
463F-18-FA	13				(H) 8700-3000-680	753Y-15G	64	
463FL-21	13		591IN-3000-680	33	(SM) HB1882-580 (600psi)	772C	23	(P) 4202 (U) 4202
463FL-21-CV	13	(H) 62-5FL 21 (U) 40AF-21	591IN-4500-680	33	(V) SR4F-580 (H) 8700-1500-346 (V) SR4G-346	791AR-60	53	(SM) H2051-580
463FL-21-FA	13				(H) 8700-1500-347 (V) SR4G-347	791AR-60-6HSP	54	(SM) H2051-580-H
463FL-36	13		591IN-750	33	(V) SR4J-346 (H) 8700-3000-347 (V) SR4J-347	853F-80	38	(CS) RC350-40-510LP (V) SR361B-510
463FL-36-CV	13	(H) 62-5FL 36 (U) 40AF-36	591IN-750	33	(H) 8700-4500-347 (V) SR4K-347	853LCRCD-125	39	(H) 330-125-320 (V) LC350DR-320
463FL-36-FA	13		591Q-1500	33	(H) 8700-1500-540 (V) SR4G-540 (W) RS-9-15	853LCRIN-125	39	(H) 330-125-580 (V) LC350DR-580
463SE-18	13		591Q-1500-347	33	(W) RS-9-20 (2000psi)	853LCRX-125	39	(H) 330-125-540 (V) LC350DR-540
463SE-18-CV	13	(U) 40B-18	591Q-3000	33	(V) SR4F-540 (U) KR830-21	853LF-125	47	(V) L361D-250 (W) WMR-3-3
463SE-18-FA	13		591Q-3000-347	33	(U) KR830-21FB (V) Cutter Select	853LY-15	47	(V) L360A-250 (W) WMR-3-1
463SEL-21	13		591Q-4500-347	33	(U) KV830-21	853SF-80	45	(H) 547-50-CL (V) S361C-025
463SEL-21-CV	13	(U) 40B-21	591X-1500	33	(U) KV830-21FB (V) Cutter Select	853SRF-80	46	(H) 447-50-CL (V) S361CR-025
463SEL-21-FA	13		591X-3000	33	(C) 144 (U) 144	853SRIN-125	46	(W) WSR-1-3 (H) 447-125-CRM (V) S350DR-034
463SEL-36	13		63L-4	7	(K) 107D7	853SRIN-80	46	(W) WSR-1-8 (H) 447-50-CRM (V) S350CR-034
463SEL-36-CV	13	(U) 40B-36	63L-4FA	7	(C) 164 (U) 164	853SRX-125	46	(W) WSR-1-7 (H) 447-125-CR (V) S350DR-024
463SEL-36-FA	13		63L-5	7	(K) 106D7	853SRX-80	46	(W) WSR-1-1 (H) 447-50-CR (V) S350CR-024
463SF-18	13		63L-5FA	7	(SM) H1940G-540	853SRY-15	46	(V) S360AR-025 (W) WSR-1-2
463SF-18-CV	13	(H) 62-5BF (U) 40BF-18	672C	23		853SX-125	45	(SM) H1775C (V) S350D-024
463SF-18-FA	13		672CHN	23		853SX-40	45	(V) S350B-024
463SFL-21	13		673C	23		853SX-80	45	(V) S350C-024
463SFL-21-CV	13	(H) 62-5BFL 21 (U) 40BF-21	673CHNP	23		853SY-15	45	(SM) H1779C (V) S360A-025
463SFL-21-FA	13		710X-80	26		853X-125	38	(CS) RC350-125-540 (FP) 350-125-540-FB
463SFL-36	13		710X-80G	29		853X-125G	38	(V) SR350D-540
463SFL-36-CV	13	(H) 62-5BFL 36 (U) 40BF-36	710Y-15-5	26			64	
472C	23	(H) 6290 (U) 6290A					38	(CS) RC350-15-510 (FP) 350-15-510-FB
472CN	23	(H) 6290NX (U) 6290NX					64	
472H-2	21	(H) J-63-2 (U) 7928E					38	
472M	17	(H) D-85 (U) UM79					64	
472W	17	(H) 23A90 (U) Type 79E					38	
473CHN	23	(H) 6290VVC (U) 6290VVC					64	
473M	17	(H) E-43 (U) UM43					64	
572C	23	(FP) MC12 (SM) MC12					38	
572CN	23	(FP) MC40 (SM) MC40					38	

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
853Y-15	64		FA20PF	16		G20B-3000	63	
853Y-15-3	38	(CS)RC350-15-300	FA20PO	16		G20B-400	63	(V) 1424-0017
	64	(V) SR360A-300	FA23RF	16		G20B-4000	63	(V) 1424-0019
853Y-153G	64		FA23RO	16		G20B-600	63	
853Y-15-3G	38		FA5RF	16	(U) RFAM101	G20B-F030R	63	
853Y-15G	38		FA5RO	16	(U) RFAM100	G20B-F100	63	
	64		FA5RPR	16	(U) RFAA	G20B-F200	63	
871H	20		FA5TF	16	(U) TFAM101	G20B-F400	63	
871M	17	(U) UM17	FA5TO	16	(U) TFAM100	G20B-F4000	63	
	20	(V) UM-J	FA5TPR	16	(U) TFAA	G25B-030RL	63	(V) 1424-0034
871W	17	(U) Type 17E	FA7RF	16	(U) RFA101	G25B-100	63	(V) 1424-0036
872H	20				(V) FB-FR	G25B-200	63	(V) 1424-0039
872M	17	(U) UM13			(W) FA-230-P	G25B-3000	63	
	20	(V) UM-1	FA7RO	16	(U) RFA100	G25B-400	63	(V) 1424-0046
872W	17	(U) Type 13E			(V) FB-OR	G25B-4000	63	(V) 1424-0037
		(V) ET, ET1			(W) FA-130-P	G25B-600	63	
873H	20		FA7RPR	16	(CS) FBR-2	G25B-6000	63	
873M	17	(U) UM4			(FP) FPRA	G25B-F030R	63	
	20	(V) UM			(H) 88-5FBR	G25B-F100	63	
873W	17	(U) Type 4E			(U) RFAB	G25B-F200	63	
		(V) ET			(V) FBR-1	G25B-F400	63	
875HEL	21	(U) Type VHE	FA7TF	16	(W) FA-30	G25B-F4000	63	
		(V) Type 55 Elbow			(U) TFA101	G25B-F600	63	
875HRB	21	(U) Type VH			(V) FB-F	GKNT	62	
		(V) Type 55 Head			(W) FA-200-P	GKNT20-T	62	
876M	21	(U) UM12-1	FA7TO	16	(U) TFA100	GKNT20-TC	62	
		(V) Type 55 Mixer			(V) FB-O	GKNT40-T	62	
881W	18	(V) UN-J	FA7TPR	16	(W) FA-100-P	GKNT40-TC	62	
882W	18	(V) UN-1			(CS) FBT-2	GMTR	19	(U) MTR
883TE	18	(U) Type1E			(FP) FPTA	GMTT	19	(U) MTT
		(V) TE			(H) 88-5FBT	GMTW-1	19	(U) MTW #1
883TEMFA	18	(V) TEMFA			(U) TFAB	GMTW-2	19	(U) MTW#2
883TEN	18	(V) TEN			(V) FB-1	GP20X	64	
883W	18	(V) UN			(W) FA-10	GP20Y	64	
9-WG1P	70		G13-8VM	19	(U) TYPE 13 #8 VM	GP21X	64	(V) 1429-0068
9-WG6G	70				(V) DEF-J	GP21Y	64	(V) 1429-0069
C-1	68	(S) KT10	G15-030RL	63	(V) 1424-0147	GP31X	64	(V) 1429-0056
		(W) C-1	G15-100	63	(V) 1424-0148	GP31Y	64	(V) 1429-0057
C-5	68	(S) KT28	G15-200	63		GP32X	64	(V) 1429-0066
		(W) C-5	G15-3MEF	63		GP32Y	64	(V) 1429-0067
CK-0	68	(W) CK-0	G15-400	63	(V) 1424-0149	GR15-3MEF	61	(W) WG-18-4000W
CK-1	68	(S) RK6	G15-4000	63	(V) 1424-0150	GR15-4000	63	(V) 1424-0001
		(W) CK-1	G17	18	(V) UN-J+TEN	GR20B-F100	63	
CK-20	68	(S) RK5	G17-FT	19	(U) TYPE 17 #9	GR20B-F200	63	
		(W) CK20			(V) EF-J	GR20B-F400	63	
CK-22	68	(W) CK-22	G17-VMA-1	19	(U) TYPE 17 #30	GR20B-F600	63	
CK-24	68	(S) RK24				GRST-LP	26	(SM) 249-500
		(W) CK-24	G20-030RL	63	(V) 1424-0257			(U) RP3B
CK-26	68	(S) RK26	G20-050CF	63	(V) 1424-0002	GRST-X	26	(SM) 249-499
		(W) CK26	G20-060	63				(U) RPO3B
CK-5	68	(S) RK27	G20-100	63	(V) 1424-0259	GX15	63	(V) 1429-0029
		(W) CK-5	G20-1500	63		GX20	63	(V) 1429-0027
CRT10	6		G20-200	63		GX25	63	(V) 1429-0028
CRT20N	62		G20-300	63		HQ14-012	62	
CRT40N	62		G20-3000	63		HST18-06	26	(SM) 13254-4-6
CY10-MC	6		G20-400	63	(V) 1424-0261			(U) ARTH6B
CY20-540	6		G20-4000	63	(V) 1424-0284	HST18-12	26	(SM) 13254-4-12
CY20-580	62		G20-600	63				(U) ARTH12B
CY40-580	62		G20-6000	63		HST18-12	29	
FA10RF	16	(H) 88-5FBHFRL	G20B-030RL	63	(V) 1424-0013	HW23-012	70	
FA10RO	16	(H) 88-5FBHFRR	G20B-100	63	(V) 1424-0015			
			G20B-200	63	(V) 1424-0016			

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
HW23-T020	70		MT100-16	14		RB205-1N	61	(W) RPB-5-1N
HW24-050	70		MT200-16	14		RB205-1P	61	(W) RPB-5-1P
HW24-T020	70		MT300-16	14		RB205-1V	61	(W) RPB-5-1V
HW24-T025	70		QC-HHF	15	(K) ZASP-2	RB205-1X	61	(W) RPB-5-1X
HWB-10CV	31	(FP) VF-10-RH (G) HEF-10			(W) QDB21	RB205-2V	61	(W) RPB-5-2V
KCMA04SP	28		QC-HHF-F	15	(K) AS-2	RB232	61	
KCMA16-BSP	28				(W) QDB201	RB234	61	
KCMA16SP	28		QC-HHF-M	15	(K) ZAP-2	RB236	61	(W) TH1
KCMA16TCSP	28				(W) QDB205	RB237	61	(W) BRC
KCMA26SP	28		QC-HHPR	15	(K) WZA	RNP14-3	65	(S) NP753
KCMP16SP	28				(W) QDB20			(W) 14-3
KSTA04SP	25	(SM) 23-1007A	QC-HHX	15	(K) ZASP-1	RNP14-3SF	65	(S) NP753R
		(U) ART1007A			(W) QDB22			(W) 14-3SF
KSTA06-H12SP	25	(SM) 23-1020	QC-HHX-F	15	(K) AS-1	RNP15-23SF	65	
		(U) ART1020			(W) QDB101	RNP15-3	65	(S) NP189
KSTA06SP	25	(SM) 23-1012	QC-HHX-M	15	(K) ZAP-1			(W) 15-3
		(U) ART1012			(W) QDB105	RNP15-3SF	65	(S) NP189R
KSTA16B-H12SP	25		QC-HTF	15	(K) ZOSP-2			(W) 15-3SF
KSTA16-BSP	25	(SM) 23-1003B			(V) KCF	RNP16-8	65	(S) NP128
		(U) ART1003B	QC-HTF-F	15	(W) QDB11			(W) 16-8
KSTA16-H12SP	25				(K) AS-2	RNP16-8SF	65	(S) NP128R
KSTA16SP	25	(SM) 23-1003	QC-HTF-M	15	(W) QDB201			(W) 16-8SF
		(U) ART1003			(K) ZOP-2	RNP300-3	65	(S) NP435
KSTA16TC-H12SP	25		QC-HTPR	15	(W) QDB200			(W) 300-3
KSTA16-TCSP	25	(SM) 23-1004A			(FP) FPKC	RNP300-3SF	65	(S) NP435R
		(U) ART1004A			(H) 26-QCT			(W) 300-3SF
KSTP06-H12SP	25	(SM) 23-1020LP			(K) WZO	RNP305-3A	65	(S) NP414
		(U) ART1020LP			(V) KC-1			(W) 305-3A
KSTP14-540SP	25	(U) ART1014	QC-HTX	15	(W) QDB10	RNP305-3ASF	65	(S) NP414R
KSTP14-TSP	25	(SM) 23-1014			(K) ZOSP-1			(W) 305-3ASF
KSTP16-H12SP	25				(V) KCO	RNP347-3	65	(S) NP765
KSTP16SP	25	(SM) 23-1003P	QC-HTX-F	15	(W) QDB12			(W) 347-3
		(U) ART1003P			(K) AS-1	RNP347-3SF	65	(S) NP765R
KSTP16TC-H12SP	25		QC-HTX-M	15	(W) QDB101			(W) 347-3SF
MC105A	14	(U) 67-6TV			(K) ZOP-1	RNP615-25SF	65	
MC105AR	14	(U) 67-6TV	QC-RHF	15	(W) QDB100	RNP615-3	65	(S) NP190W
		(V) MT5			(K) ZGSP-2			(W) 615-3
MC105F	14	(U) 67F-6TV	QC-RHF-F	15	(W) QDB31	RNP615-3SF	65	(S) NP190WR
MC105FR	14	(U) 67F-6TV			(K) GS-2			(W) 615-3SF
		(V) MTN5	QC-RHF-M	15	(W) QDB206	RNP61-SF	65	
MC205A	14	(U) 67-6			(K) ZAP-2	RNP66	65	(S) NP211
		(V) MT204A	QC-RHPR	15	(W) QDB205			(W) 66
MC205F	14	(U) 67F-6			(H) 26-QCR	RNP66-SF	65	(S) NP211R
MC210A	14	(U) 67			(K) WZG			(W) 66-SF
MC210AR	14	(U) 67-R	QC-RHX	15	(W) QDB30	RNP680-3	65	(S) NP843
		(V) MT210A			(K) ZGSP-1			(W) 680-3
MC210F	14	(U) 67F	QC-RHX-F	15	(W) QDB32	RNP680-3SF	65	(S) NP843R
MC210FR	14	(U) 67F-R			(K) GS-1			(W) 680-3SF
		(V) MT210N	QC-RHX-M	15	(W) QDB106	RNP83	65	(S) NP168
MC310A	14	(U) 67-T			(K) ZAP-1			(W) 83
MC310AR	14	(U) 67-TR	R110-56	65	(W) QDB105	RNP83SF	65	(S) NP168R
		(V) MT310A			(S) F6			(W) 83SF
MC310F	14	(U) 67F-T	R120-56	65	(W) S-3	RNPCO3	65	(S) NP147
MC310FR	14	(U) 67F-TR	R195-03	67				(W) CO-3
		(V) MT310N	R230-03	67		RNPCO3-SF	65	(S) NP147R
MC318A	14	(U) 67-TL	R231-12	67	(S) A115			(W) CO-3SF
MC318AR	14	(U) 67-TRL			(W) 543	RNPCO5	65	(S) W6
		(V) MT318A	RB205-1BT	61	(W) RPB-5-1BT			(W) CO-5
MC318F	14	(U) 67F-TL	RB205-1F	61	(W) RPB-5-1F	RNPCO6N	65	(S) W8
MC318FR	14	(U) 67F-TRL	RB205-1FV	61	(W) RPB-5-1FV			(W) CO-6N
		(V) MT318N	RB205-1L	61	(W) RPB-5-1L	RNPOR-11	65	(S) OR580
								(W) 615-0

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
RNT14-2	65	(W) 14-2						
RNT15-2	65	(S) N69						
		(W) 15-2						
RNT16-2	65	(S) N56						
		(W) 16-2						
RNT300-2	65	(S) N70						
		(W) 300-2						
RNT305-2	65	(S) N57						
		(W) 305-2						
RNT347-2	65	(W) 347-2						
RNT62	65	(S) N71						
		(W) 62						
RNT680-2	65	(S) N680						
		(W) 680-2						
RNT82	65	(W) 82						
RNT92	65	(S) N73						
		(W) 92						
RNT92-HT	65	(S) N73P						
		(W) 692						
RNT93	65	(S) N74						
		(W) 93						
RNTCO2	65	(S) N61						
		(W) CO2						
ROB134	67	(S) B26						
		(W) 134						
ROB135	67	(S) B27						
		(W) 135						
ROB316	67	(S) A112						
		(W) 540						
ROB32	67	(S) B28						
		(W) 32						
ROB33	67	(S) B29						
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ROB34	67							
ROB48F	67	(S) FA1652						
ROB532	67							
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RP-4HP	61	(W) P-4HP						
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T10-83B	29							
T110-26	30							
T110-27	30							
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TW146	62							
WB-500T	31	(FP) RHT-500						
WBK-500	31	(FP) HT-500FP						
		(U) WB500						
Z1102	14							

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HARRIS® to GENTEC®			(H) 55-2AR/CD70-1/4	195FM	55	VICTOR® to GENTEC®		
(H) 23A90	472W	17	(H) 62-5AE	463AE-18-CV	13	(V) 0690-0011	24-CV7PR	15
(H) 2500-125-580	152IN-125	36	(H) 62-5AEL 21	463AEL-21-CV	13	(V) 0690-0012	24-CV9PR	15
(H) 2500-15-300	152Y-15-3	36	(H) 62-5AEL 36	463AEL-36-CV	13	(V) 100C	142T	8
(H) 2500-15-510	152Y-15	36	(H) 62-5AF	463AF-18-CV	13	(V) 100FC	142T-FA	8
(H) 2500-50-510P	152F-80	36	(H) 62-5AFL 21	463AFL-21-CV	13	(V) 1-101	173C	22
(H) 25-100C-540	452X-80	37	(H) 62-5AFL 36	463AFL-36-CV	13	(V) 1-118	173CG	22
(H) 25-100C-580	452IN-80	37	(H) 62-5BF	463SF-18-CV	13	(V) 1-234	173CGN	22
(H) 25-15C-300	452Y-15-3	37	(H) 62-5BFL 21	463SFL-21-CV	13	(V) 1424-0001	GR15-4000	63
(H) 25-15C-510	452Y-15	37	(H) 62-5BFL 36	463SFL-36-CV	13	(V) 1424-0002	G20-050CF	63
(H) 25-15C-520	452Y-15-5	37	(H) 62-5E	463E-18-CV	13	(V) 1424-0013	G20B-030RL	63
(H) 25-200C-540	452X-175	37	(H) 62-5EL 21	463EL-21-CV	13	(V) 1424-0015	G20B-100	63
(H) 25-200C-580	452IN-175	37	(H) 62-5EL 36	463EL-36-CV	13	(V) 1424-0016	G20B-200	63
(H) 25-200C-580	452IN-300	37	(H) 62-5F	463F-18-CV	13	(V) 1424-0017	G20B-400	63
(H) 25-500C-580	452IN-450	37	(H) 62-5FL 21	463FL-21-CV	13	(V) 1424-0019	G20B-4000	63
(H) 25-50C-510P	452F-40	37	(H) 62-5FL 36	463FL-36-CV	13	(V) 1424-0034	G25B-030RL	63
(H) 26-QCR	QC-RHPR	15	(H) 6290	472C	23	(V) 1424-0036	G25B-100	63
(H) 26-QCT	QC-HTPR	15	(H) 6290NX	472CN	23	(V) 1424-0037	G25B-4000	63
(H) 301-100-320	190C-175	34	(H) 6290VVC	473CHN	23	(V) 1424-0039	G25B-200	63
(H) 301-100-540	190X-80	34	(H) 72-3	442C	11	(V) 1424-0046	G25B-400	63
(H) 301-100-580	190IN-80	34	(H) 73-3	443C	11	(V) 1424-0147	G15-030RL	63
(H) 301-15-300	190Y-15-3	34	(H) 85	442T	9	(V) 1424-0148	G15-100	63
(H) 301-15-510	190Y-15	34	(H) 8700-1500-346	591Q-1500	33	(V) 1424-0149	G15-400	63
(H) 301-15-520B	190Y-15-5	34	(H) 8700-1500-347	591Q-1500-347	33	(V) 1424-0150	G15-4000	63
(H) 301AR-58010	190AR-50-6HSP	54	(H) 8700-1500-350	591H-1500	33	(V) 1424-0257	G20-030RL	63
(H) 301AR-60-580	190AR-50	51	(H) 8700-1500-540	591X-1500	33	(V) 1424-0259	G20-100	63
(H) 301CD-32010	190CD-45-6HSP	54	(H) 8700-1500-580	591IN-1500	33	(V) 1424-0261	G20-400	63
(H) 301-CD60-320	190CD-45	51	(H) 8700-3000-347	591IN-1500-680	33	(V) 1424-0284	G20-4000	63
(H) 330-125-320	853LCRCD-125	39	(H) 8700-3000-680	591Q-3000-347	33	(V) 1429-0027	GX20	63
(H) 330-125-540	853LCRX-125	39	(H) 8700-4500-347	591IN-3000-680	33	(V) 1429-0028	GX25	63
(H) 330-125-580	853LCRIN-125	39	(H) 8700-4500-680	591Q-4500-347	33	(V) 1429-0029	GX15	63
(H) 3500-125-540	153X-125	40	(H) 88-5FBHFR	591IN-4500-680	33	(V) 1429-0056	GP31X	64
(H) 3500-125-580	153IN-125	40	(H) 88-5FBHFR	FA10RF	16	(V) 1429-0057	GP31Y	64
(H) 3500-15-300	153Y-15-3	40	(H) 88-5FBR	FA10RO	16	(V) 1429-0066	GP32X	64
(H) 3500-15-510	153Y-15	40	(H) 88-5FBT	FA7RPR	16	(V) 1429-0067	GP32Y	64
(H) 3500-200-540	153X-250	40	(H) 88-6CVR	FA7TPR	16	(V) 1429-0068	GP21X	64
(H) 3500-50-510P	153F-125	40	(H) 88-6CVR	24-CV9PR	15	(V) 1429-0069	GP21Y	64
(H) 3510-125LH	153MF-125	49	(H) 88-6CVR	24-CV9RF	15	(V) 2461	143ACA	10
(H) 3510-125RH	153MX-125	49	(H) 88-6CVT	24-CV9RO	15	(V) 2462	143SCA	10
(H) 3510-15	153MY-15	49	(H) 88-6CVTL	24-CV7PR	15	(V) 3-101	172C	22
(H) 3510-200RH	153MX-200	49	(H) 88-6CVTL	24-CV7TF	15	(V) 310C	143TL	8
(H) 355-2-AR-580	191AR-60	53	(H) 88-6CVTR	24-CV7TO	15	(V) 3-118	172CG	22
(H) 355-2AR-58010	191AR-60-6HCS	54	(H) 88-7CVR	24-CV8RF	15	(V) 315C	143T	8
(H) 355-2-CD-320	191CD-60	53	(H) 88-7CVR	24-CV8RO	15	(V) 315FC	143T-FA	8
(H) 355-2CD-32010	191CD-60-6HCS	54	(H) 9200-125-320	153TC-125	43	(V) 3-GPN	172CN	22
(H) 355-2-HE-320	191HE-150	53	(H) 9200-125-540	153TX-125	43	(V) 3-GPP	172CP	22
(H) 356-AR/HE-580	196AR-60	55	(H) 9200-125-580	153TIN-125	43	(V) AF250-580	190AR-50	51
(H) 356-AR/HE-580	196HE-150	55	(H) 9200-125-590	153TQ-125	43	(V) BF-50	230G	59
(H) 425-15-300	453Y-15-3	38	(H) 9200-160-346	153TQ-200	43	(V) BFH-50	230HG	60
(H) 425-15-510	453Y-15	38	(H) 9200-250-320	153TC-200	43	(V) CA1260	141C	10
(H) 425-200-540	453X-175	38	(H) 9200-250-346	153TQ-200	43	(V) CA1350	142C	10
(H) 425-AR100-580	152AR-100	51	(H) 9200-250-580	153TIN-250	43	(V) CA2460	143CA	10
(H) 425-CD100-320	152CD-100	51	(H) 9200-50-510P	153TF-125	43	(V) CF253-320	190CD-45	51
(H) 43-2	443T	9	(H) 9200NC-15-300	153TY-15-3	43	(V) Contender	1138FA	3
(H) 447-125-CR	853SRX-125	46	(H) 9200NC-15-510	153TY-15	43	(V) Contender	1138FA-3	3
(H) 447-125-CRM	853SRIN-125	46	(H) D-85	472M	17	(V) CRF	24-CV9RF	15
(H) 447-50-CL	853SRF-80	46	(H) E-43	473M	17	(V) CRO	24-CV9RO	15
(H) 447-50-CR	853SRX-80	46	(H) J-63-2	472H-2	21	(V) CST800C	161S-17	12
(H) 447-50-CRM	853SRIN-80	46	(H) Pipeliner	4131	5	(V) CST800FC	161S-17-FA	12
(H) 4-CD100F-320	199CD-60	56	(H) Pipeliner	4131-3	5	(V) CTF	24-CV7TF	15
(H) 547-50-CL	853SF-80	45	(H) Steelworker	4121	5	(V) CTO	24-CV7TO	15
(H) 55-2AR/CD70	195FM-9	55	(H) Steelworker	4121-3	5	(V) Cutter Select	63L-4FA	7
(H) 55-2AR/CD70(M)	195FM-5	55	(H) UM43	473M	17	(V) Cutter Select	63L-5FA	7

Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP
VICTOR® to GENTEC®			(V) MT210N	MC210FR	14	(V) SR453E-320	153C-200	40
(V) DEF-J	G13-8VM	19	(V) MT310A	MC310AR	14	(V) SR460A-300	153Y-15-3	40
(V) DFM150-580	196AR-60	55	(V) MT310N	MC310FR	14	(V) SR460A-510	153Y-15	40
(V) EF-J	G17-FT	19	(V) MT318A	MC318AR	14	(V) SR460MA-997	153MY-15	49
(V) ET	873W	17	(V) MT318N	MC318FR	14	(V) SR461D-510	153F-125	40
(V) ET, ET1	872W	17	(V) MT5	MC105AR	14	(V) SR461MD-997	153MF-125	49
(V) FB-1	FA7TPR	16	(V) MTHN	173CHN	22	(V) SR4F-350	591H-750	33
(V) FB-F	FA7TF	16	(V) MTHP	173CHP	22	(V) SR4F-540	591X-750	33
(V) FB-FR	FA7RF	16	(V) MTN5	MC105FR	14	(V) SR4F-580	591IN-750	33
(V) FB-O	FA7TO	16	(V) Performer	1121FA	2	(V) SR4G-346	591Q-1500	33
(V) FB-OR	FA7RO	16	(V) Performer	1121FA-3	2	(V) SR4G-347	591Q-1500-347	33
(V) FBR-1	FA7RPR	16	(V) Portable Torch	12-PT	6	(V) SR4G-350	591H-1500	33
(V) FM137	195FM-9	55	(V) Portable Torch	12-PTC	6	(V) SR4G-540	591X-1500	33
(V) FM147	195FM-5	55	(V) RTE	173WRTE	18	(V) SR4G-580	591IN-1500	33
(V) FM150	195FM	55	(V) RTEN	173WRTE	18	(V) SR4G-680	591IN-1500-680	33
(V) FPRA	FA7RPR	16	(V) S250B-024	152SX-40	45	(V) SR4J-346	591Q-3000	33
(V) GPM	173CM	22	(V) S250B-034	152SIN-40	45	(V) SR4J-347	591Q-3000-347	33
(V) GPN	173CN	22	(V) S250C-024	152SX-80	45	(V) SR4J-350	591H-3000	33
(V) GPP	173CP	22	(V) S250C-034	152SIN-80	45	(V) SR4J-540	591X-3000	33
(V) HD310C	143TLH	8	(V) S250D-024	152SX-125	45	(V) SR4J-580	591IN-3000	33
(V) HRF2425-580	191AR-60	53	(V) S250D-034	152SIN-125	45	(V) SR4J-680	591IN-3000-680	33
(V) HRF2425-580	191HE-150	53	(V) S260A-025	152SY-15	45	(V) SR4K-347	591Q-4500-347	33
(V) HRF2480-320	191CD-60	53	(V) S261C-025	152SF-80	45	(V) SR4K-680	591IN-4500-680	33
(V) HSR2537-580	195HE-150	54	(V) S261D-025	152SF-125	45	(V) SR5-60-540	190X-80	34
(V) HSR2570-320	195CD-60	54	(V) S350B-024	853SX-40	45	(V) SR5B-320	190C-175	34
(V) HSR2570-580	195AR-60	54	(V) S350C-024	853SX-80	45	(V) SR5B-580	190IN-80	34
(V) HVTS2570-320	195TCD-60	54	(V) S350CR-024	853SRX-80	46	(V) SR6-15-300	190Y-15-3	34
(V) HVTS2570-580	195TAR-60	54	(V) S350CR-034	853SRIN-80	46	(V) SR6-15-510	190Y-15	34
(V) HVTS2570-580	195THE-150	54	(V) S350D-024	853SX-125	45	(V) SR6-15-520	190Y-15-5	34
(V) J100C	141T	8	(V) S350DR-024	853SRX-125	46	(V) SR700D-540	155X-125	41
(V) J-28	140T	8	(V) S350DR-034	853SRIN-125	46	(V) SR700D-580	155IN-125	41
(V) Journeyman	1130FA	4	(V) S360A-025	853SY-15	45	(V) SR700E-346	155Q-200	41
(V) Journeyman	1130FA-3	4	(V) S360AR-025	853SRY-15	46	(V) SR700E-540	155X-200	41
(V) Journeyman II	1131FA	4	(V) S361C-025	853SF-80	45	(V) SR700E-580	155IN-200	41
(V) Journeyman II	1131FA-3	4	(V) S361CR-025	853SRF-80	46	(V) SR700MD-996	155MIN-125	50
(V) Journeyman Select	13-OSAFA	7	(V) S700D-996	155SX-125	46	(V) SR700ME-996	155MIN-200	50
(V) Journeyman Select	13-OSFA	7	(V) S710A-997	155SY-15	46	(V) SR702E-350	155H-200	41
(V) KC-1	QC-HTPR	15	(V) S711C-997	155SF-80	46	(V) SR710A-510	155Y-15	41
(V) KCF	QC-HTF	15	(V) SFG250-034	152SIN-40FG	45	(V) SR710MA-996	155MY-15	50
(V) KCO	QC-HTX	15	(V) SR150CR-540	210X-80	35	(V) SR711D-510	155F-125	41
(V) L250D-250	152LX-125	47	(V) SR160AR-200	210Y-15	35	(V) SR7-40-510	190F-80	34
(V) L260A-250	152LY-15	47	(V) SR250C-540	152X-80	36	(V) SST1600C	163S-17	12
(V) L261C-250	152LF-80	47	(V) SR250D-346	152Q-125	36	(V) SST2600FC	163S-17-FA	12
(V) L350D-250	853LX-125	47	(V) SR250D-580	152IN-125	36	(V) SST900C	162S-17	12
(V) L360A-250	853LY-15	47	(V) SR260A-300	152Y-15-3	36	(V) SST900FC	162S-17-FA	12
(V) L361D-250	853LF-125	47	(V) SR260A-510	152Y-15	36	(V) ST1600C	163L-21	12
(V) L700C-750	155LX-80	48	(V) SR260A-520	152Y-15-5	36	(V) ST1601C	163AL-21	12
(V) L700D-750	155LX-125	48	(V) SR261C-510	152F-80	36	(V) ST1602C	163SL-21	12
(V) L700E-750	155LX-200	48	(V) SR311-320	199CD-60	56	(V) ST1610C	163L-27	12
(V) L710A-750	155LY-15	48	(V) SR350D-540	853X-125	38	(V) ST1611C	163AL-27	12
(V) L711D-500	155LF-125	48	(V) SR360A-300	853Y-15-3	38	(V) ST1612C	163SL-27	12
(V) L711E-500	155LF-200	48	(V) SR360A-510	853Y-15	38	(V) ST1630C	163L-36	12
(V) LC350DR-320	853LCRCD-125	39	(V) SR361B-510	853F-80	38	(V) ST1631C	163AL-36	12
(V) LC350DR-540	853LCRX-125	39	(V) SR450D-540	153X-125	40	(V) ST1632C	163SL-36	12
(V) LC350DR-580	853LCRIN-125	39	(V) SR450D-580	153IN-125	40	(V) ST1650C	163L-48	12
(V) MFA	173H	20	(V) SR450E-346	153Q-125	40	(V) ST1651C	163AL-48	12
(V) MFA-1	172H	20	(V) SR450E-540	153Q-200	40	(V) ST1652C	163SL-48	12
(V) MFA-J	171H	20	(V) SR450E-580	153X-250	40	(V) ST2600FC	163L-21-FA	12
(V) MFN	173HN	20	(V) SR450MD-996	153IN-250	40	(V) ST2601FC	163SL-21-FA	12
(V) MFN-1	172HN	20	(V) SR450ME-996	153MX-125	49	(V) ST2602FC	163SL-21-FA	12
(V) MFN-J	171HN	20	(V) SR452D-350	153MX-200	49	(V) ST2610FC	163L-27-FA	12
(V) MT204A	MC205A	14	(V) SR452E-350	153H-125	40	(V) ST2611FC	163AL-27-FA	12
(V) MT210A	MC210AR	14	(V) SR453D-320	153H-200	40	(V) ST2630FC	163L-36-FA	12
				153C-125	40	(V) ST2631FC	163AL-36-FA	12

Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP
VICTOR® to GENTEC®								
(V) ST2632FC	163SL-36-FA	12						
(V) ST2650FC	163L-48-FA	12						
(V) ST2651FC	163AL-48-FA	12						
(V) ST2652FC	163SL-48-FA	12						
(V) ST900C	162L-21	12						
(V) ST900FC	162L-21-FA	12						
(V) TE	883TE	18						
(V) TEMFA	883TEMFA	18						
(V) TEN	883TEN	18						
(V) Type 55	175HN	21						
(V) Type 55 Elbow	875HEL	21						
(V) Type 55 Head	875HRB	21						
(V) Type 55 Mixer	876M	21						
(V) UM	873M	17						
(V) UM-1	872M	17						
(V) UM-J	871M	17						
(V) UN	883W	18						
(V) UN-1	882W	18						
(V) UN-1+TEN	172WR TEN	18						
(V) UN-J	881W	18						
(V) UN-J+TEN	G17	18						
(V) VTS250C-540	152TX-80	42						
(V) VTS250D-346	152TQ-125	42						
(V) VTS250D-580	152TIN-125	42						
(V) VTS260A-300	152TY-15-3	42						
(V) VTS260A-510	152TY-15	42						
(V) VTS261B-510	152TF-80	42						
(V) VTS450D-540	153TX-125	43						
(V) VTS450D-580	153TIN-125	43						
(V) VTS450D-590	153TQ-125	43						
(V) VTS450E-346	153TQ-200	43						
(V) VTS450E-540	153TX-250	43						
(V) VTS450E-580	153TIN-250	43						
(V) VTS453D-320	153TC-125	43						
(V) VTS453E-320	153TC-200	43						
(V) VTS460A-300	153TY-15-3	43						
(V) VTS460A-510	153TY-15	43						
(V) VTS461D-510	153TF-125	43						
(V) VTS700D-540	155TX-125	44						
(V) VTS700E-540	155TX-200	44						
(V) VTS700MD-996	155TMIN-125	50						
(V) VTS700ME-996	155TMIN-200	50						
(V) VTS710A-300	155TY-15-3	44						
(V) VTS710A-510	155TY-15	44						
(V) VTS710D-580	155TIN-125	44						
(V) VTS710E-580	155TIN-200	44						
(V) VTS710MA-997	155TMY-15	50						
(V) VTS711D-510	155TF-125	44						
(V) W	173W	17						
(V) W-1	172W	17						
(V) W-J	171W	17						

THE BEST WARRANTY IN THE BUSINESS TWO YEAR "OVER THE COUNTER REPLACEMENT" WARRANTY

All **GENTEC®** , manufactured welding apparatus and equipment are warranted to be free from defective material and workmanship for a period of two years from the date of purchase. Any **GENTEC®** apparatus found to be defective either in material or workmanship during that time will be replaced by Genstar Technologies Company, Incorporated or its Authorized Distributors, provided that said apparatus was used under normal conditions for the purpose intended.

GENTEC® apparatus damaged or rendered inoperative due to abuse, negligence, misuse, accident or abnormal wear and tear is not covered by this warranty and must be repaired at the sole expense of the equipment owner. **GENTEC®** apparatus should be serviced or repaired by Genstar Technologies Company, Incorporated or designated service facilities only. Service or repair of this apparatus by other than Genstar Technologies Company, Incorporated or designated service facilities may void any warranties and relieve Genstar Technologies Company, Incorporated of any claims for damage and/or liability.

To make a claim under this warranty, Buyer must notify Genstar Technologies Company, Incorporated or its Authorized Distributor of the details of such claim within 30 days of discovering a defect in material or workmanship along with proof of purchase.

Genstar Technologies Company, Incorporated shall not, under any circumstances, be liable for any damages including but not limited to: indirect, incidental, consequential, or special damages, whether such damages result from negligence, breach of warranty or otherwise.

There are no other warranties, expressed or implied, except as stated herein. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Genstar Technologies Company, Incorporated reserves the right to discontinue manufacturing of any product or change product materials, design or specifications without notice.

GENTEC® reserves the right to discontinue manufacturing of any product or change product materials. design or specifications without notice.

GENTEC® recommends the use of check valves between torches and regulators at all times.



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