



INDUSTRIAL GAS APPARATUS

Regulators & Flow Control Equipment • Welding Accessories • Pressure Gauges

Technology for a Better Future

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THE BEST WARRANTY IN THE BUSINESS
2 Year “Over the Counter Replacement” Warranty

Any GENTEC® apparatus found to be defective either in material or workmanship during the time set forth below will be replaced by Genstar Technologies Company, Inc. or its Authorized Distributors, provided that said apparatus was used under normal conditions for the purpose intended.

Any 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 facilities only. Service or repair of this apparatus by other than Genstar Technologies Company, Inc. 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, Inc. 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. The Buyer will be responsible for transportation costs and related risks.

Genstar Technologies Company, Inc. shall not, under any circumstances, be liable for any damages including but not limited to: indirect, incidental, consequential, or special damages, wether 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® Industrial Manifold Systems are not included in this catalog.



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.

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.

Quality Assurance

All of our products are manufactured under stringent quality control. We are ISO 9001:2001, ISO13485, and API certified. Our products meet UL, CE, SEMI, and various international standards and certifications.

Manufacturing Capabilities

The manufacturing facility is equipped with CNC machining centers, electrol polishing equipment, and precision automatic orbital welding systems, among other features, to ensure the production of the highest quality products.

Clean Room Facilities

Our class 10/100/1000 clean rooms are designed for Ultra High Purity (UHP) products. UHP products undergo precision machining, surface finishing, electro-polishing and passivation. All UHP products are cleaned by 18MΩ DI water in a cascade ultrasonic tank. To ensure the highest UHP product quality, they are then vacuum-dried and double-bagged.

JOBBER 1120 & 1120FA

Medium Duty Outfits in Deluxe Tool Bag 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



1120

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

JOBBER II 1121 & 1121FA

Medium Duty Outfits in Deluxe Tool Bag 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



1121

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	25-300	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.

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IRON HORSE 1138 & 1138FA

Medium / Heavy Duty Outfits in Deluxe Tool Bag 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"
- 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



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" 23.3 lbs.	143T	143CA	853X-125 (OXY.) 853Y-15 (ACET.)	173C-1	173H-6	HW24-T020	9-WG6G	25-300	25-120	24-CV7PR
1138FA											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.

IRON HORSE II 1221

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

- Can weld up to 1/4" and cut up to 1/2"
- Ideal for ship building, construction, petroleum, and chemical industries
- With optional tips, can weld up to 1-1/4" and cut up to 6"
- 20' T-grade twin hoses
- 1221 is equipped with 24-CV7PR Torch End Check Valves
- Victor® Super Range® II equivalent



1221

Model Number*	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Welding Nozzle	T-Grade Twin Hoses	Goggles	Striker	Tip Cleaner	Check Valves
1221	21"x19"x9" 21.5 lbs.	142T	142C	853X-125 (OXY.) 853Y-15 (ACET.)	172C-0	172W-2	HW24-T020	9-WG6G	25-300	25-120	24-CV7PR

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: 1221-3

COMMANDER 1130 & 1130FA

Heavy Duty Outfits in Deluxe Tool Bag 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



1130

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" 28 lbs.	143T	143CA	153X-125G (OXY.) 153Y-15G (ACET.)	173C-1	173H-8	173W-1,3,5	HW24-T025	9-WG6G	25-300	25-120	24-CV7PR	
1130FA												FA7TPR	

COMMANDER II 1131 & 1131FA

Heavy Duty Outfits in Deluxe Tool Bag 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



1131

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" 29 lbs.	143T	143CA	153X-125G (OXY.) 153Y-15G (ACET.)	173C-1	173W-2	HW24-T020	9-WG6G	25-300	25-120	24-CV7PR	
1131FA											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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GOLD SERIES TOTE A TORCH 12-PT, 12-PTC & 12-PTCSP

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



12-PTCSP



12-PTC

Model Number	Dimension / Weight	Torch Handle	Cutting Attachment	Regulators	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 (OXY.) 210Y-15G (ACET.)	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.										CY20-540 / CY10-MC

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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



13-0S

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	143T	143ACA	153X-125 / 153Y-15	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



63L-4



63L-5

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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7120

Medium Duty Outfit for General Purposes

- Can weld up to 1/4" and cut up to 1/2"
- Ideal for ship building, construction, petroleum and chemical industries
- Optional tips are available to weld up to 1-1/4" and cut up to 6"
- 17.5' T-grade twin hoses
- 7120 is equipped with 24-CV7PR Torch End Check Valves
- 7120FA is equipped with FA7TPR Flashback Arrestors, which include built-in check valves



7120

Model Number*	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Welding Nozzles	T-Grade Twin Hoses	Goggles	Striker	Check Valves	
									Flashback Arrestors	
7120	142T	142CA	752X-80 (OXY.) 752Y-15 (ACET.)	172C-0	172W-2	HW23-T018	9-WG1P	25-300	24-CV7PR	
7120FA									FA7TPR	

7130

Heavy Duty Outfit for Industrial & Commercial Applications

- Can weld up to 1/2" and cut up to 3/4"
- Ideal for industrial and commercial applications
- Optional tips are available to weld up to 3" and cut up to 8"
- 17.5' T-grade twin hoses
- 7130 is equipped with 24-CV7PR Torch End Check Valve
- 7130FA is equipped with FA7TPR Flashback Arrestors, which include built-in check valves



7130

Model Number*	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Welding Nozzle	T-Grade Twin Hoses	Goggles	Striker	Check Valves	
									Flashback Arrestors	
7130	143T	143C	753X-125 (OXY.) 753Y-15 (ACET.)	173C-1	173W-2	HW24-T018	9-WG1P	25-300	24-CV7PR	
7130FA									FA7TPR	

SILVER SERIES TOTE A TORCH 72-PTC

Light/Medium Duty Tote-A-Torch for Repair, Maintenance and HVAC

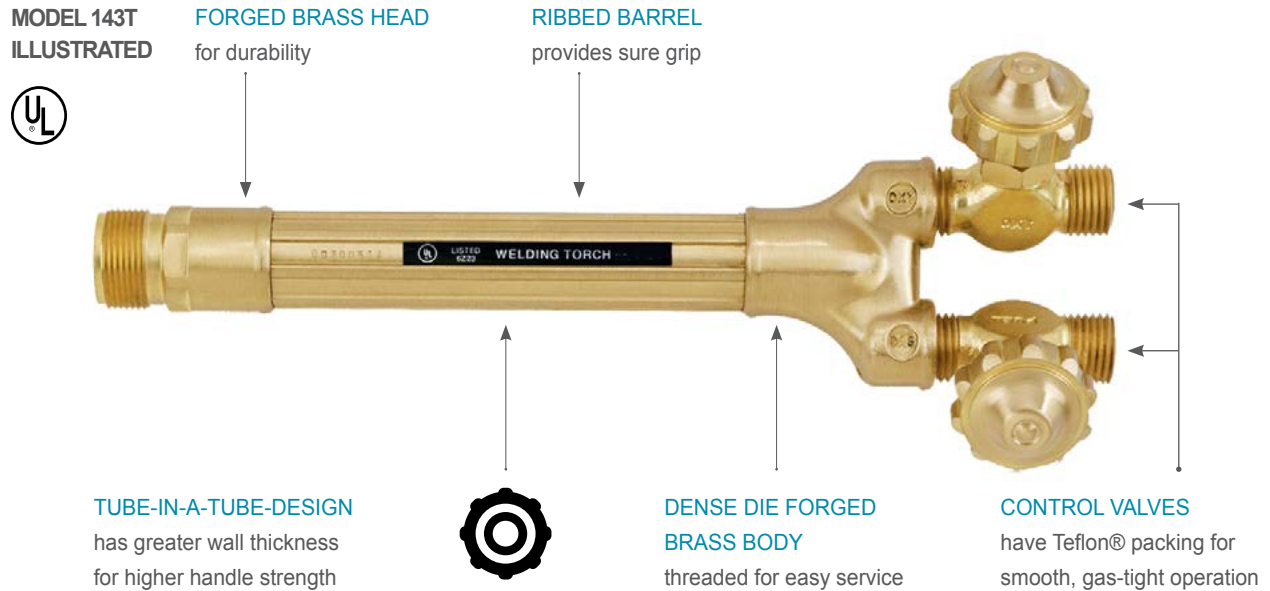
- Can weld up to 3/16" and cut up to 1/2".
- Rear entry regulators provide better balance on the small cylinders. The Acetylene regulator has a MC CGA200 inlet connection and the oxygen regulator has the standard CGA540 connection
- The carrier is made of tough and lightweight polypropylene
- Optional tips are available to weld up to 1-1/4" and cut up to 6"
- CRT10 Carrier
- 72-PT and 72-PTC are equipped with 24-CV7PR Torch End Check Valves
- 72-PT-FA and 72-PTC-FA are equipped with FA7TPR Flashback Arrestors
- 72-PTC and 72-PTC-FA are equipped with cylinders



72-PTC

Model Number	Torch Handle	Cutting Attachment	Regulators	Cutting Tip	Welding Nozzle	R-Grade Twin Hoses	Goggles	Striker	Plastic Carrier	Tank Wrench	Cylinders Oxygen/ Acetylene
72-PT	142T	142C	710X-80 (OXY.) 710Y-15 (ACET.)	172C-0	172W-1	HW23-012	9-WG1P	25-300	CRT10	27-0005	N/A
72-PT-FA											CY20-540/CY10-MC
72-PTC											
72-PTC-FA											

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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

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 171HN
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 171HN
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			

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



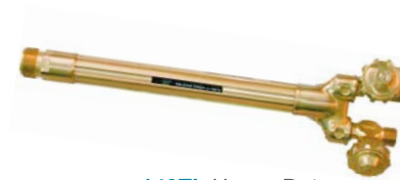
141T Light Duty
141TA Light Duty
("A" size hose fitting)



142T Medium Duty



143T Heavy Duty



143TL Heavy Duty



143TLH Extra Heavy Duty

Pilot Flame Function Torch



342T-Y Light Duty



342T-F Light Duty

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)

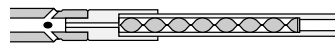
MODEL 143ACA
ILLUSTRATED



STAINLESS STEEL
TUBES
for strength & long life

STAINLESS STEEL
OXYGEN LEVER
for durability

FORGED BRASS HEAD
for durability



SPIRAL MIXER
gives optimum mix
of fuel & oxygen

BRASS COUPLING NUT
AND DOUBLE O-RING SEAL
gives quick, hand tight, & leak-
free operation



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.



141C Light Duty



142C Medium Duty



143CA Heavy Duty



143ACA Heavy Duty

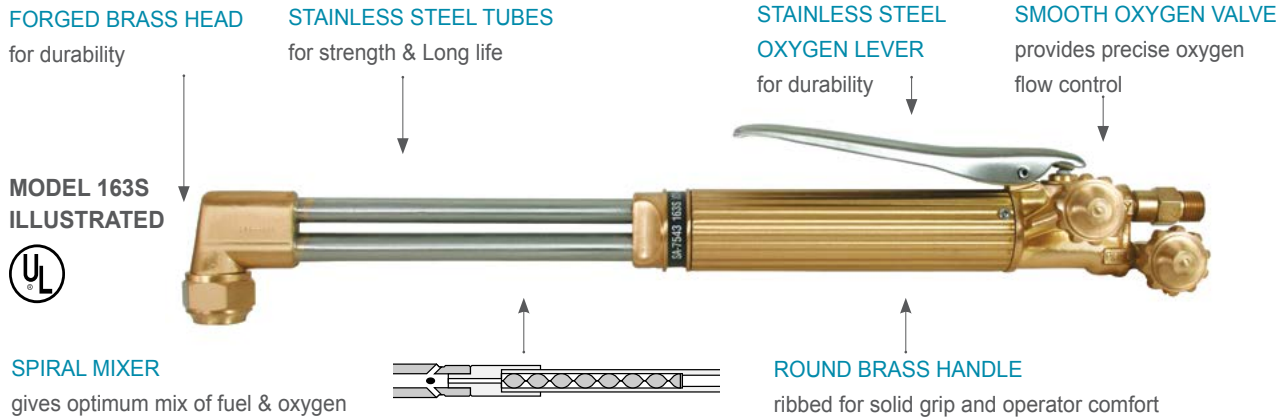


143SCA Heavy Duty

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		

HAND CUTTING TORCHES

Industrial Gas Apparatus



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). Its balanced design and rugged construction are ideal for medium/heavy duty cutting and scraping operations.

161 Series



161S-17 Medium Duty

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)

162 Series



162L-21 Medium Duty

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)

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163 Series



163L-21 Heavy Duty

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)

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)

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MACHINE CUTTING TORCHES

Industrial Gas Apparatus

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	
	MC105AR		5-1/2"	4-1/2"		
MC200	MC205A	8"	5-1/2"	N/A		
	MC205AR		5-1/2"	4-1/2"		173CN
	MC210A		10"	N/A		173CHP
	MC210AR		10"	7"		173CHN
MC300	MC310A	12"	10"	N/A		173CP
	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	
	MC105FR		5-1/2"	4-1/2"		
MC200	MC205F	8"	5-1/2"	N/A		
	MC205FR		5-1/2"	4-1/2"		173CHP
	MC210F		10"	N/A		173CHN
	MC210FR		10"	7"		173CP
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"

Heating Tips



Adjustable Head (0-90) °



MC-BCHA

Preheat Attachment for MC-HT-BCHA

For Adjustable Head



MC-HT-BCHA

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Check Valves

Torch End Check Valves

24-CV5PR Pair



OXYGEN
24-CV5TO

FUEL
24-CV5TF

Torch End Check Valves

24-CV7PR Pair



OXYGEN
24-CV7TO

FUEL
24-CV7TF

Regulator Bushing Check Valves

24-CV8PR Pair



OXYGEN
24-CV8RO

FUEL
24-CV8RF

Regulator Bushing Adapter Check Valves

24-CV9PR Pair



OXYGEN
24-CV9RO

FUEL
24-CV9RF

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.

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.

Regulator-To-Hose Pair

QC-RHPR-A (A FITTING)
QC-RHPR (B FITTING)



QC-RHF-A (A FITTING)
QC-RHF (B FITTING)
For Fuel Gases



QC-RHX-A (A FITTING)
QC-RHX (B FITTING)
For Oxygen

Hose-To-Hose Quick Pair

QC-HHPR-A (A FITTING)
QC-HHPR (B FITTING)



QC-HHF-A (A FITTING)
QC-HHF (B FITTING)
For Fuel Gases



QC-HHX-A (A FITTING)
QC-HHX (B FITTING)
For Oxygen

Hose-To-Torch Pair

QC-HTPR (B FITTING)



QC-HTF (B FITTING)
For Fuel Gases



QC-HTX (B FITTING)
For Oxygen

- 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 (B Fitting) connections for all models
- 3/8"-24 (A Fitting) for Regulator-To-Hose and Hose-To-Hose models

Type	Pair Model Number	Single Model Number	Gas Service	Component Model Number (Female Socket/Male Plug)	Connection
Regulator To Hose (A Fitting 3/8"-24)	QC-RHPR-A	QC-RHF-A	Fuel	QC-RHF-F-A / QC-RHF-M-A	3/8"-24LH
		QC-RHX-A	Oxygen	QC-RHX-F-A / QC-RHX-M-A	3/8"-24RH
Hose To Hose (A Fitting 3/8"-24)	QC-HHPR-A	QC-HHF-A	Fuel	QC-HHF-F-A / QC-HHF-M-A	3/8"-24LH
		QC-HHX-A	Oxygen	QC-HHX-F-A / QC-HHX-M-A	3/8"-24RH
Regulator To Hose (B Fitting 9/16"-18)	QC-RHPR	QC-RHF	Fuel	QC-RHF-F / QC-RHF-M	9/16"-18LH
		QC-RHX	Oxygen	QC-RHX-F / QC-RHX-M	9/16"-18RH
Hose To Hose (B Fitting 9/16"-18)	QC-HHPR	QC-HHF	Fuel	QC-HHF-F / QC-HHF-M	9/16"-18LH
		QC-HHX	Oxygen	QC-HHX-F / QC-HHX-M	9/16"-18RH
Hose To Torch (B Fitting 9/16"-18)	QC-HTPR	QC-HTF	Fuel	QC-HTF-F / QC-HTF-M	9/16"-18LH
		QC-HTX	Oxygen	QC-HTX-F / QC-HTX-M	9/16"-18RH

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.

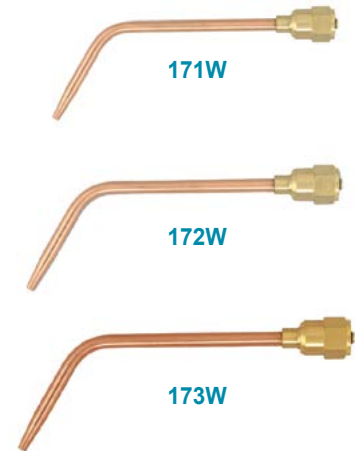
- Outlet connection: 9/16"-18LH and 3/8"-24LH are for Acetylene and Fuel gas models; 9/16"-18RH and 3/8"-24RH are for Oxygen models; 3/8"-24LH and 3/8"-24RH are available for torches and regulators only
- Sintered Metal Flame Arresting Filter quenches the flame from severe flashbacks
- Built-in automatic 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	

Oxy-Acetylene & Oxy-Hydrogen Welding Nozzles

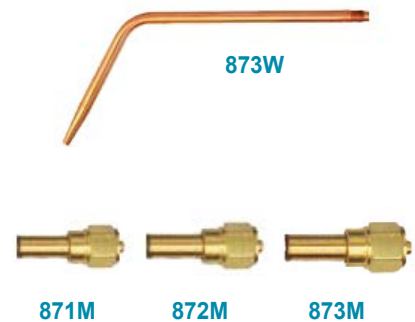
- Red copper tip ends
- Ideal for soldering, brazing, heating, hardfacing, etc.
- 171W, 172W, and 173W use one-piece elbow tips
- Victor® compatible

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	000-2	873M	2-UM	143T 143TL 143TLH	173W
873W	ET	3, 4	873M-4	4-UM		
		5, 6	873M-6	6-UM		



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Multi-Gas Welding Nozzles

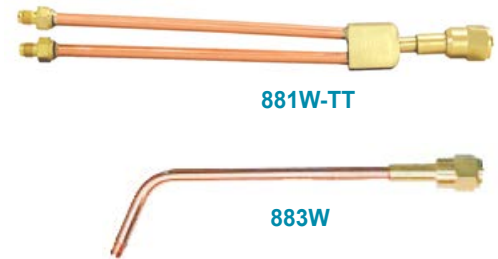
- Replaceable tip ends
- Ideal for brazing and heating
- Victor® compatible



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

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
881W-TT	N/A		
882W	UN-1	142T	
883W	UN	143T 143TL 143TLH	



Multi-Gas Welding Replacement Tip Ends



883TE



883TEMFA



883TEN



883TEMFN

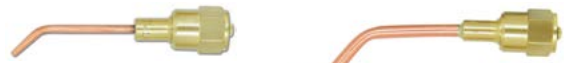
Tip End Series	Gas Service	Victor® Equivalent	Sizes Available	Thread	Fits Elbows & Nozzles
883TE	OXY-ACET.	TE	0-5	5/16"-27	881W, 881W-TT, 882W, 883W, 173WRTE -0~5
			6	0.393"-27	173WRTE-6
883TEMFA	OXY-ACET.	TEMFA	1-5	5/16"-27	881W, 881W-TT, 882W, 883W
883TEN	OXY-FUEL	TEN	0-5	5/16"-27	881W, 881W-TT, 882W,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

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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.

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"	



GMTW Welding Tip

GMTR Rosebud Tip



GMTT Welding Tip

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



45°



90°

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

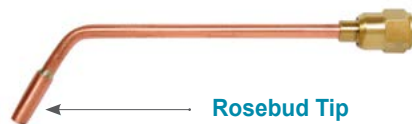


G13-8VM Flexible Twin Heating Tip

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



Oxy-Acetylene & Oxy-Hydrogen Heating Nozzles

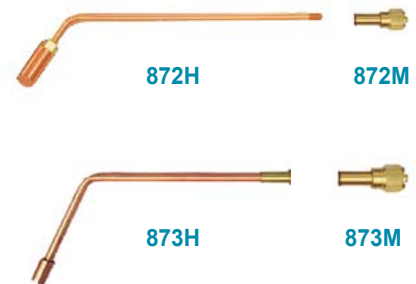
- Ideal for preheating, straightening, etc.
- 173H-12 and 173H-15 are also used for propylene based fuel gases and MAPP
- G17-VMA-1 is designed for heating in confined areas
- Victor® compatible

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

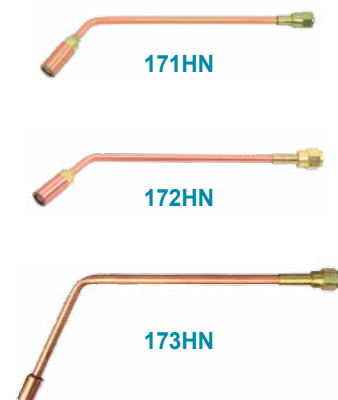
Elbow Series	Sizes Available	Mixer Model Number	Nozzle Series	Fits Torch Handles
871H	2, 4, 6	871M-7	171H	140T, 141T, 141TA, 342T-Y
872H	2, 4, 6	872M	172H	142T
	8	873M-7		
873H	4, 6, 8, 10, 12, 15	873M-10	173H	143T, 143TL, 143TLH



Oxy-Propane, Oxy-Propylene & Oxy-Natural Gas Heating Nozzles

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

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



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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



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

Heating Elbows



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

Heating Head & Mixer



875HRB



876M

Head Series	Sizes Available
875HRB	10, 15, 20

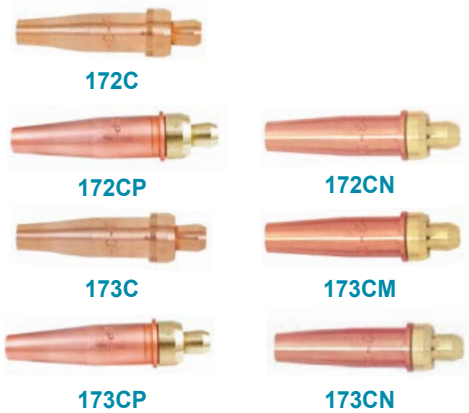
Mixer Model Number
876M

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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.

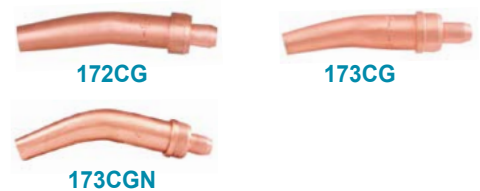
Victor® Style Cutting Tips

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



Victor® Style Scarfing - Gouging Tips

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



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Victor® Style Machine Torch Heating Tips

Tip Series	Victor® Equivalent	Sizes Available	Type	Gases
173MFTA	MFTA	10,12	1 PIECE	ACETYLENE
173MFTN	MFTN	10,12	1 PIECE	NATURAL GAS/PROPANE



173MFTA-10



173MFTN-10



173MFTA-12



173MFTN-12

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



ESAB®/ PUROX® Style Cutting Tips

Tip Series	ESAB/Purox® Equivalent	Sizes Available	Type	Gases
772C	4202/16K	3, 4, 5	1 PIECE	ACETYLENE



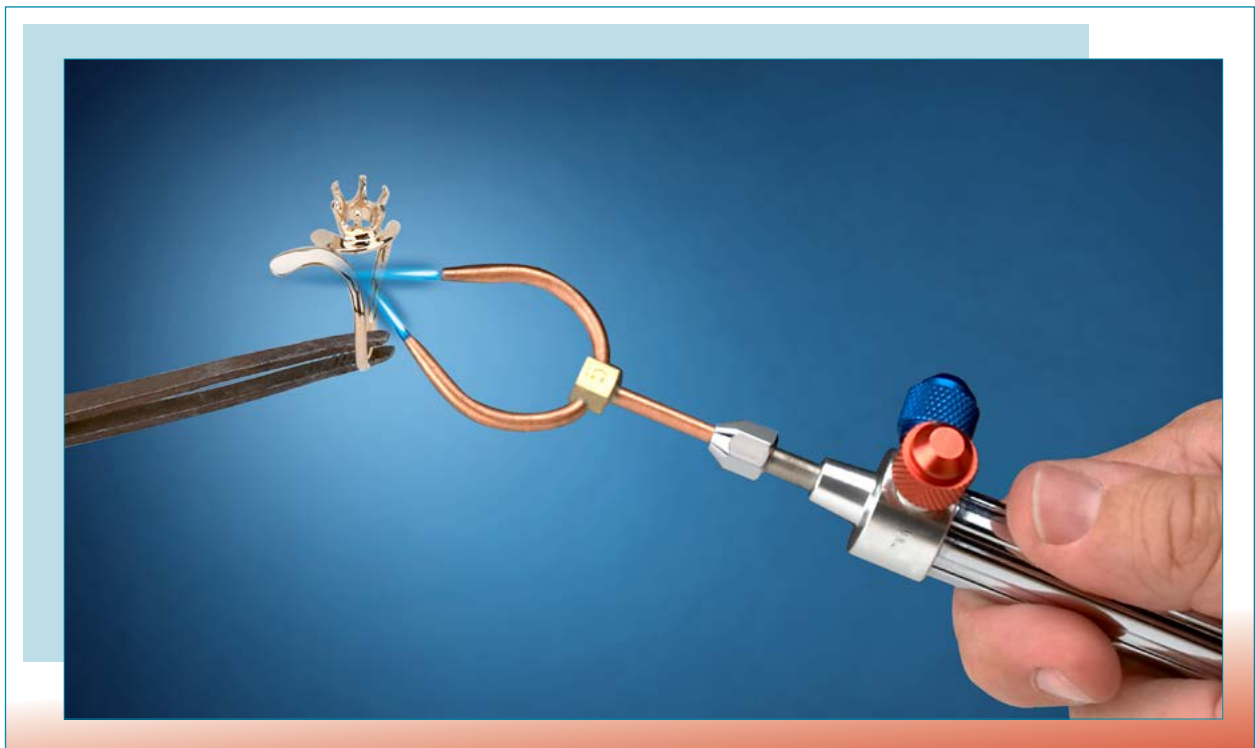
772C

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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



KSTA16TC-H12SP

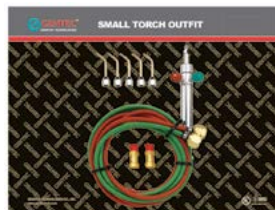
* Kits include MC Tank Wrench: 27-0005
 ** Check Valve model number: 24-CV9PR (pair)
 *** Use with Disposable Cylinders

Model Number	Gas Service	Torch Handle	Tips	Hoses	Oxygen Regulator	Fuel Regulator	Cylinder Stand	Cylinder Oxygen / Fuel	Check Valve
KSTA16-TCSP*	ACETYLENE	10ST	10STP-3-7	HST18-6 w/Check Valves**	710X-80	710Y-15	CRT10	CY20-540 / CY10-MC	24-CV9PR
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/24-CV9RO Check Valve	710X-80	GRST-LP***	CRT10	CY20-540 / N/A	24-CV9RO

Oxy-Acetylene & Oxy-Fuel Kits



KSTP14-TSP



KSTA06-H12SP



KSTA16-H12SP

Model Number	Gas Service	Torch Handle	Tips	Hoses	Oxygen Regulator	Fuel Regulator	Cylinder Stand	B to A Hose Adapters	Check Valves
KSTA04SP	ACET./PROP./MAPP®	10ST	10STP-4	HST18-06	N/A	N/A	N/A	24-0105/24-0106	N/A
KSTA06SP	ACETYLENE	10ST	10STP-2-6	HST18-06	N/A	N/A	N/A	24-0105/24-0106	N/A
KSTA06-H12SP	ACETYLENE	10ST	10STP-2-6	HST18-12	N/A	N/A	N/A	24-0105/24-0106	N/A
KSTP06-H12SP	ACET./PROP./MAPP®	10ST	10STP-3-7	HST18-12	N/A	N/A	N/A	24-0105/24-0106	N/A
KSTP14-TSP	PROPANE/MAPP®	10ST	10STP-4	HST18-06	GRST-X**	GRST-LP**	CRTST	N/A	N/A
KSTA16SP	ACETYLENE	10ST	10STP-2-6	HST18-06	710X-80	710Y-15	N/A	N/A	24-CV9PR
KSTA16-BSP	ACETYLENE	10ST	10STP-2-6	HST18-06	710X-80	710Y-15-5	N/A	N/A	24-CV9PR
KSTA16-H12SP	ACETYLENE	10ST	10STP-2-6	HST18-12	710X-80	710Y-15	N/A	N/A	24-CV9PR
KSTA16B-H12SP	ACETYLENE	10ST	10STP-2-6	HST18-12	710X-80	710Y-15-5	N/A	N/A	24-CV9PR
KSTP16SP	PROPANE/MAPP®	10ST	10STP-3-7	HST18-06	710X-80	710F-80	N/A	N/A	24-CV9PR
KSTP16-H12SP	PROPANE/MAPP®	10ST	10STP-3-7	HST18-12	710X-80	710F-80	N/A	N/A	24-CV9PR

**Use with Disposable Cylinders

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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-LP



GRST-X



710Y-15



710X-80

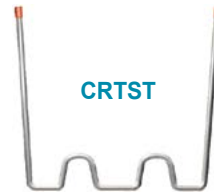
Replacement Hoses (Include Ferrules)

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

Small Torch Stand



CRTST

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

Model Number	Gas Service	Torch Handle & Hose
11ST	OXY-ACET./FUEL	TORCH HANDLE ONLY (STAR KNOB)
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

▣ CURVED TIPS COMBO PACK (SKIN PACKAGE)

▣ TWIN TIPS



10STP-3C

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®

Model Number	Size
K10STP06SP	2, 3, 4, 5, 6
K10STP07SP	3, 4, 5, 6, 7

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-7	
10STP-6	
10STP-5	
10STP-4	
10STP-3	
10STP-2	
Approx. Feather Flame Characteristics	

Multi-Flame Rosebud Heating Tips

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



10STP-HY6

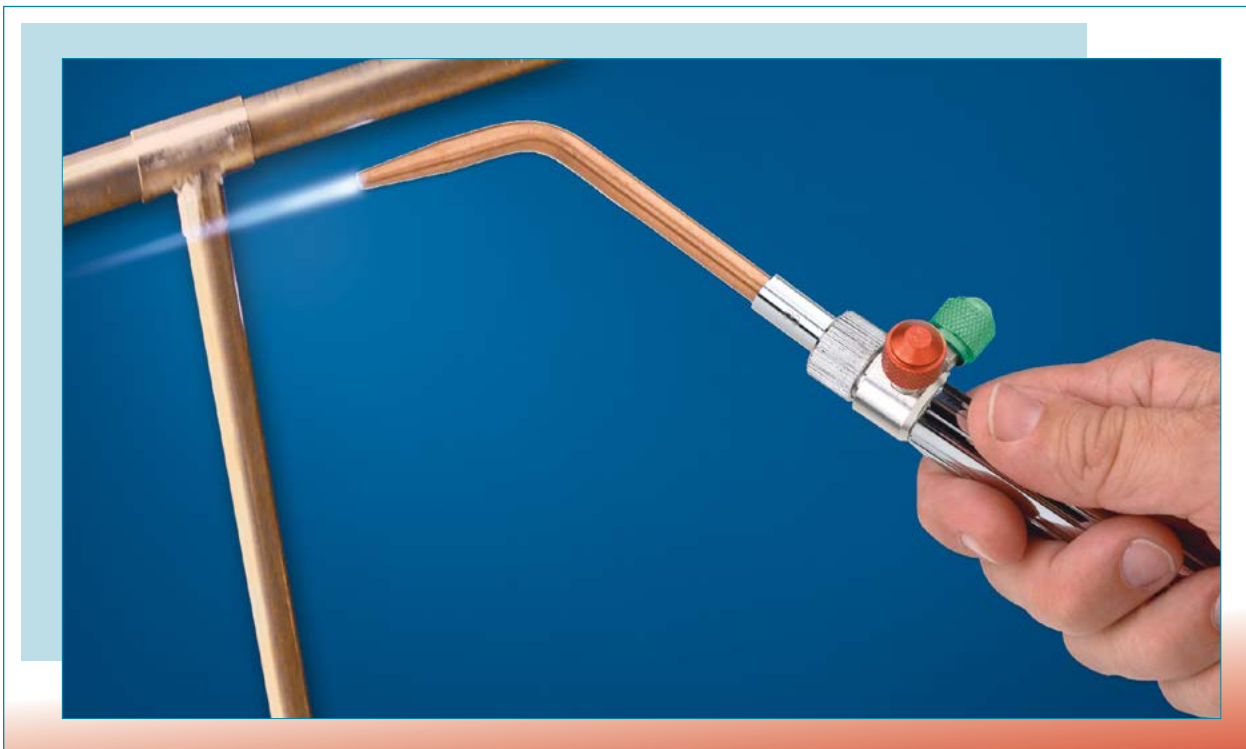


10STP-HF6

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 Kits without regulators. 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 Kits without regulators)



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



KCMA16SP



KCMA26SP



KCMA04SP

Model Number	Gas Service	Torch Handle	Tips	Hose	Oxygen Regulator	Fuel Regulator	B to A Hose Adapters	Check Valves
KCMA04SP	ACET./PROP./MAPP®	10CM	10CMP-4	HST18-12	N/A	N/A	24-0105/24-0106	N/A
KCMA26SP	ACET./PROP./MAPP®	10CM	10CMP-GMTT, 10CMP-GMTR, 10CMP-4, 10CMP-6	HST18-12	N/A	N/A	24-0105/24-0106	N/A
KCMA16-BSP	ACETYLENE	10CM	10CMP-4	HST18-12	710X-80	710Y-15-5	N/A	24-CV9PR
KCMA16SP	ACETYLENE	10CM	10CMP-GMTT, 10CMP-GMTR, 10CMP-4, 10CMP-6	HST18-12	710X-80	710Y-15	N/A	24-CV9PR
KCMP16SP	PROPANE/MAPP®	10CM	10CMP-GMTT, 10CMP-GMTR, 10CMP-3, 10CMP-7	HST18-12	710X-80	710F-80	N/A	24-CV9PR

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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 (Includes Hose Clamps*)

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

*Hose clamps model No. 007-505R



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)

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



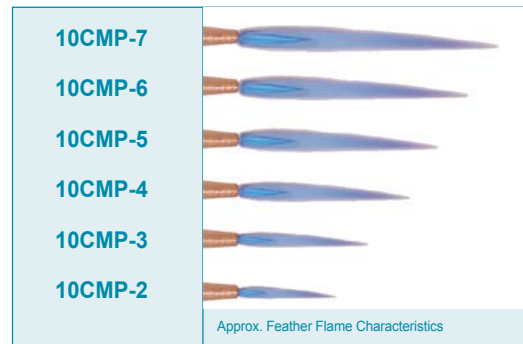
10CMP



171W

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
10CMP-GMTT	1/4" - 1" (6-26mm)	N/A
10CMP-GMTR	3/8" - 1 1/4" (10-32mm)	N/A



Multi-Flame Rosebud Heating Tip

Model Number	Gas Service
10CMP-GMTR	ACET./PROP./MAPP®



10CMP-GMTR

Twin Tip

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



10CMP-GMTT

Tip Combo Pack (Skin Package)

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

Replacement O-Rings for 10CMP

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

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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 VALVE
HWB-10CV	10' REPLACEMENT HOSE WITH 24-CVWB CHECK VALVE
24-CVWB	EXCESS FLOW SAFETY VALVE WITH P.O.L. CONNECTION

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.



PRODUCT CATEGORY

- Cylinder Regulators
- Liquid Cylinder Regulators
- Station Regulators
- Pipeline Regulators
- Manifold Regulators
- Flow Gauge Regulators
- Compact Pre-Set Gas Regulators
- Gas Saving Flowmeter Regulators
- Flowmeter Regulators
- Balloon Filler Regulators

AIR

OXYGEN

ACETYLENE

METHANE

PROPANE

HYDROGEN

BUTANE

NITROGEN

ARGON

CO2

HELIUM

OTHER GASES

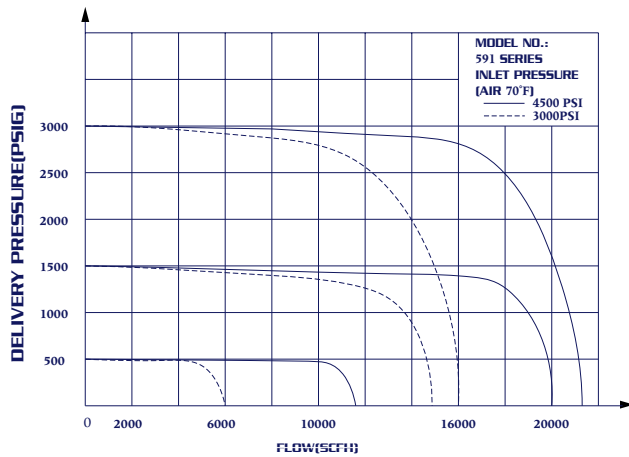
591 Series High Pressure Piston Regulators

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

Light Duty Single Stage Regulators

Industrial Gas Apparatus

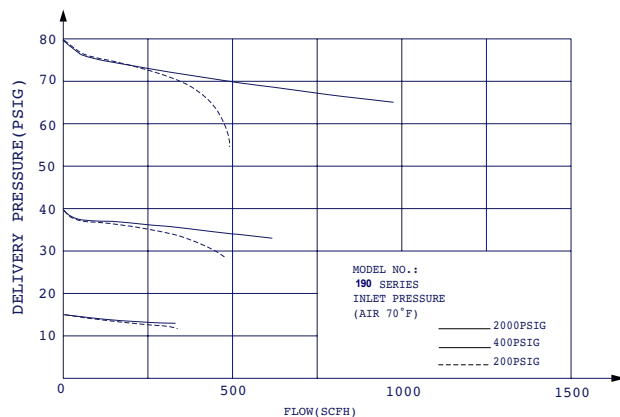
190 Series Regulators

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
190H-80	HYDROGEN METHANE	3000	4-80	2", 4000PSI	2", 100PSI	CGA350	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

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 has 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



210



210Y1

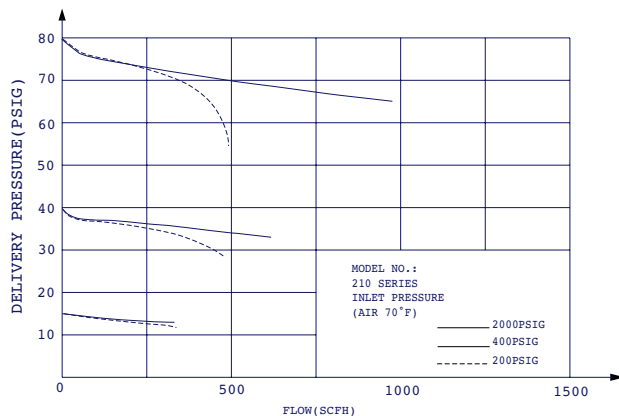
Gauge Guard Models



210X-80G



210Y-15G



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
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

Medium Duty Single Stage Regulators

Industrial Gas Apparatus

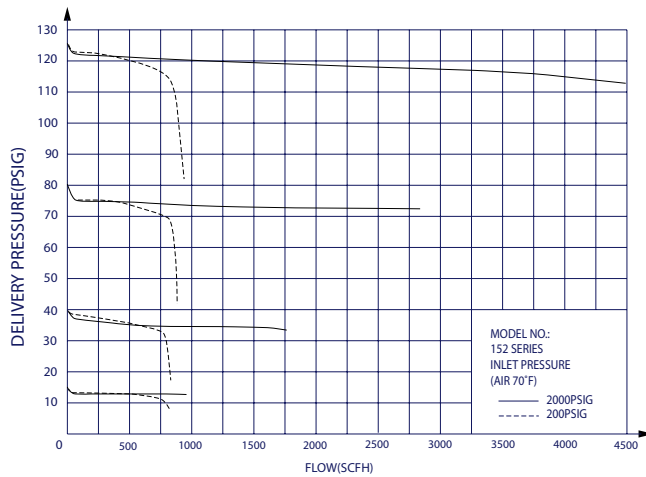
152 Series Regulators

Designed for medium duty gas welding, cutting, and heating applications. These regulators are ideal for industrial applications, 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



152



Gauge Guard Models



152X-80G
152X-125G



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

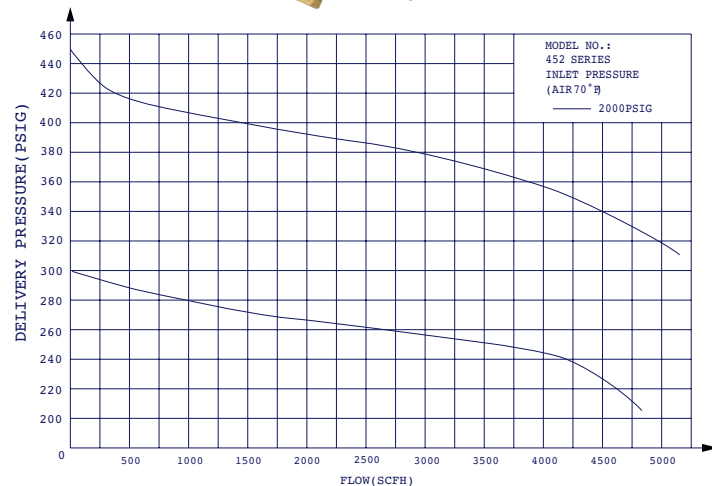
Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection	
152F-80	L.P. GAS	400	4-80	2", 400PSI	2", 100PSI	CGA510	9/16" - 18LH(M)	
152X-80	OXYGEN	3000	4-80	2", 4000PSI	2", 100PSI	CGA540	9/16" - 18RH(M)	
152X-125	OXYGEN	3000	5-125	2", 4000PSI	2", 200PSI	CGA350	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-15	INERT GAS (Ar, He, N ₂)	3000	2-15	2", 4000PSI	2", 30PSI	CGA580	5/8"-18RH(F)	
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			
152H-15	HYDROGEN METHANE	3000	2-15	2", 4000PSI	2", 30PSI	CGA350	9/16" - 18LH(M)	
152H-40			2-40				2", 60PSI	9/16" - 18LH(M)
152H-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 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)
452X-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
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

Harris® is a registered trademark of The Lincoln Electric Co., Victor® is a registered trademark of Victor Equipment Co. These companies are not associated with Genstar Technologies Co., Inc.

453 SERIES

Medium to Heavy Duty Single Stage Regulators

Industrial Gas Apparatus

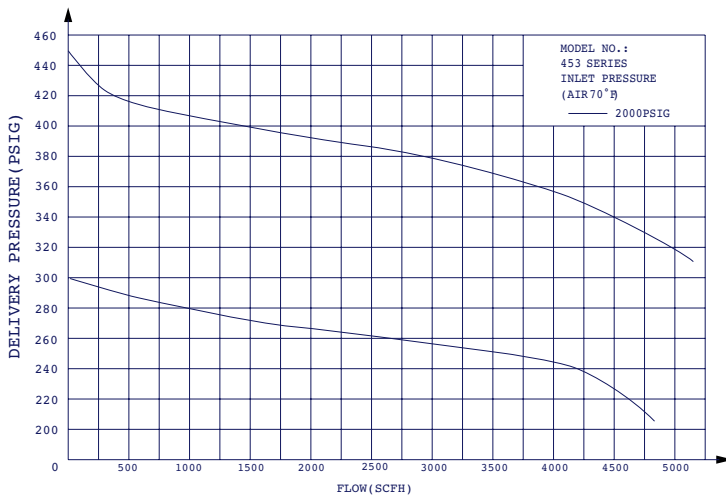
453 Series Single Stage Regulators

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.

- 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



453



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

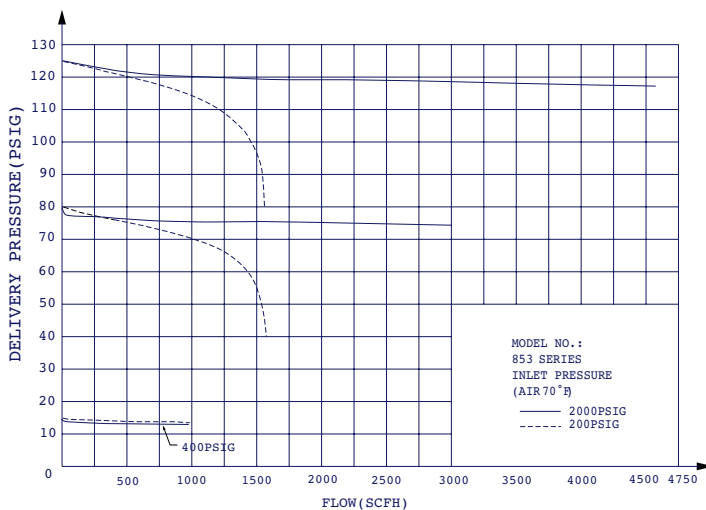
853 Series Single Stage Regulators

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.

- 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



853



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

Liquid Cylinder Regulators

Industrial Gas Apparatus

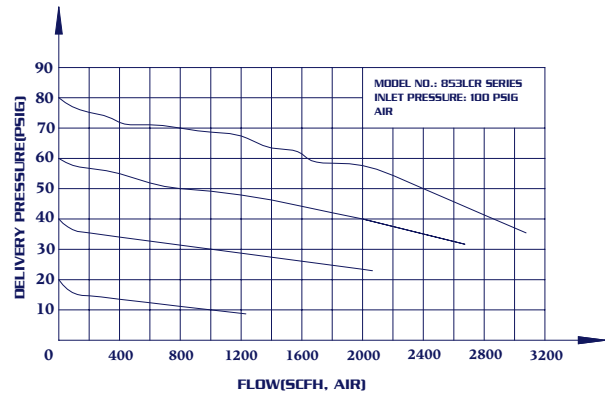
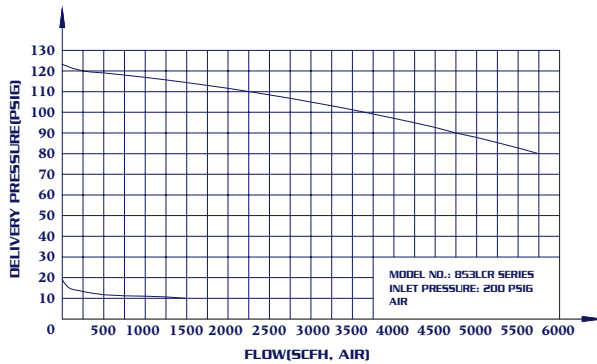
853LCR Series Single Stage Liquid Cylinder Regulators

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



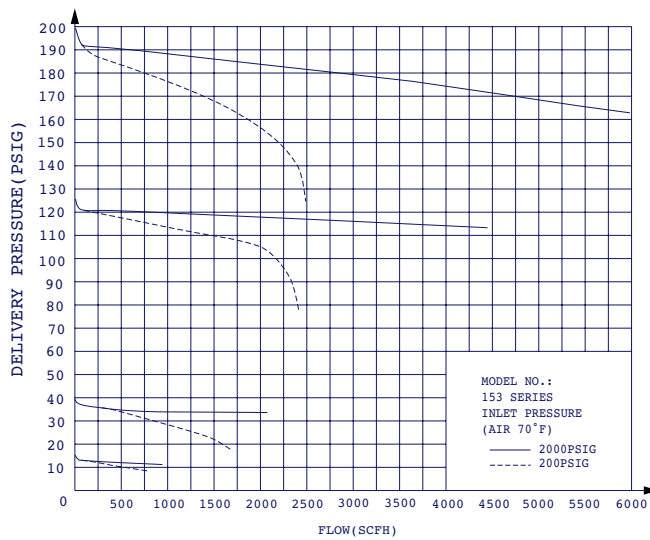
Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
853LCRX-125	OXYGEN	500	5-125	NONE	2-1/2", 200PSI	CGA540	9-16" - 18RH(M)
853LCRIN-125	NITROGEN	500	5-125	NONE	2-1/2", 200PSI	CGA580	5/8" - 18RH(F)
853LCRCD-125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

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 (GP31X) and red for Acetylene (GP31Y) Models
- Weight: 4 lbs 13 oz
- UL listed



Gauge Guard Models



153X-125G



153Y-15G
153Y-15-3G

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 CGA300	9/16" - 18LH(M)
153Y-15-3							
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		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 METHANE	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

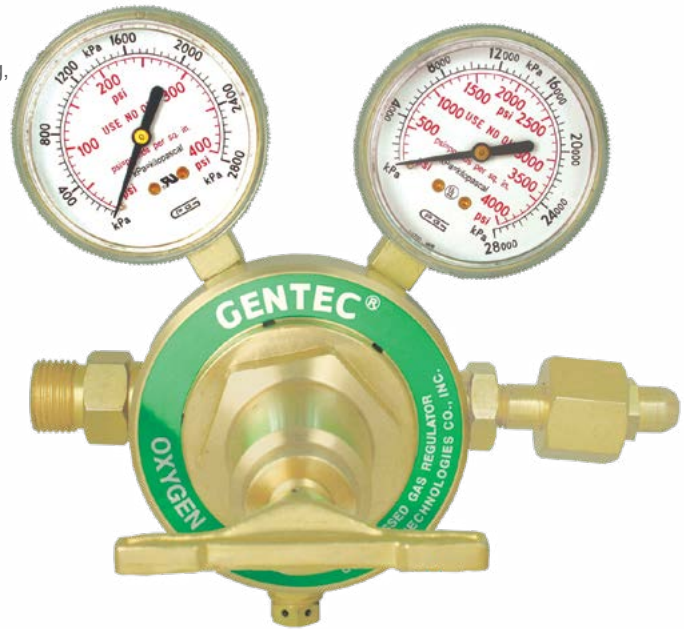
Extra Heavy Duty Single Stage Regulators

Industrial Gas Apparatus

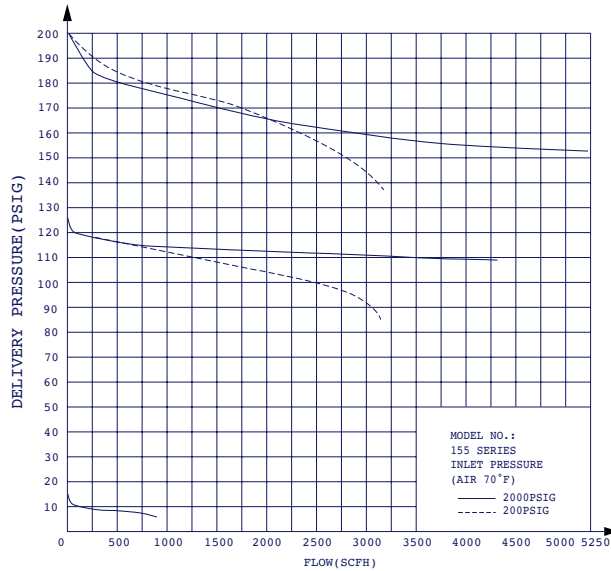
155 Series Single Stage Regulators

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

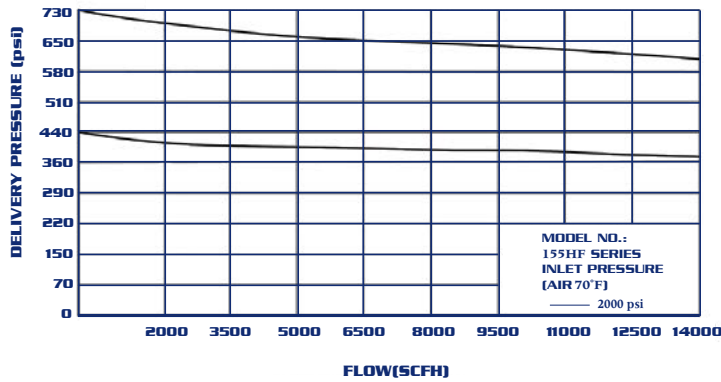
155HF Series Single Stage Regulators

These high pressure, high flow 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
- Sintered bronze inlet filter
- Piston-type construction
- 2-1/2" gauges for easy reading
- Weight: 8 lbs 10 oz
- Conforms to CGA E-4 standard for gas pressure regulators



155HF



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection*	Outlet Connection
155HFX-800	OXYGEN	3000	500-800	2-1/2", 4000PSI	2-1/2", 2000PSI	BS3, G 5/8"-RH(M)	G 3/8" - RH(M)
155HFIN-600	Ar, He, N ₂	3000	500-800	2-1/2", 4000PSI	2-1/2", 2000PSI	BS8, G 0.860"-14RH(F)	G 3/8" - RH(M)

*Products can be ordered with German (DIN) connections. Please confirm when ordering

156D SERIES

Combination Spring and Dome Loaded Regulators

Industrial Gas Apparatus

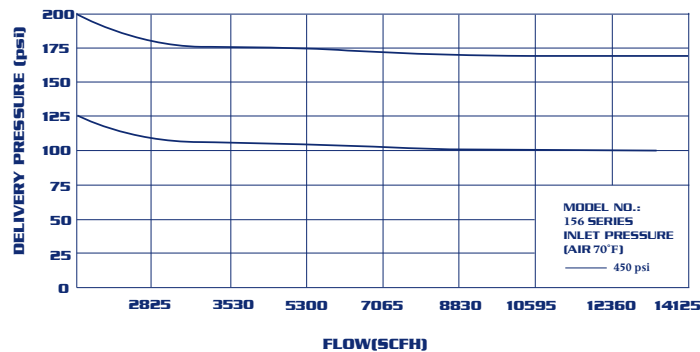
156D Series Combination Spring and Dome Loaded Regulators

These combination spring and dome loaded models are designed for high flow gas supply systems. With the combined spring and dome loading, the delivery pressure is very precise and the droop effect is minimized. Designed for high pressure and high flow applications.

- Suitable for high flow applications
- Dome loaded and spring loaded design
- Precise delivery pressure
- Up to 400m³/h flowrate (14,125 SCFH)
- Brass body
- Weight: 15 lbs 12 oz
- Conforms to CGA E-4 standard for gas pressure regulators



156D



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Connection	Outlet Connection
156DX-125	OXYGEN	3000	0-125	1" NPT(F)	1" NPT(F)
156DIN-125	Air, N ₂ , Inert Gas	3000	0-125	1" NPT(F)	1" NPT(F)
156DIN-450	Air, N ₂ , Inert Gas	3000	0-450	1" NPT(F)	1" NPT(F)
156DH-125	H ₂	3000	0-125	1" NPT(F)	1" NPT(F)
156DLX-125	OXYGEN	400	0-125	1" NPT(F)	1" NPT(F)
156DLIN-125	Air, N ₂ , Inert Gas	400	0-125	1" NPT(F)	1" NPT(F)
156DLH-125	H ₂	400	0-125	1" NPT(F)	1" NPT(F)

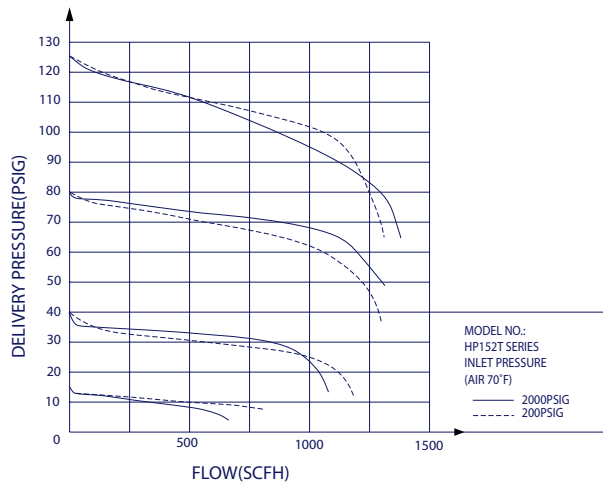
152T Series Two Stage Regulators

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



152T



Gauge Guard Models



152TX-80G



152TY-15G
152TY-15-3G

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

Heavy Duty Two Stage Regulators

Industrial Gas Apparatus

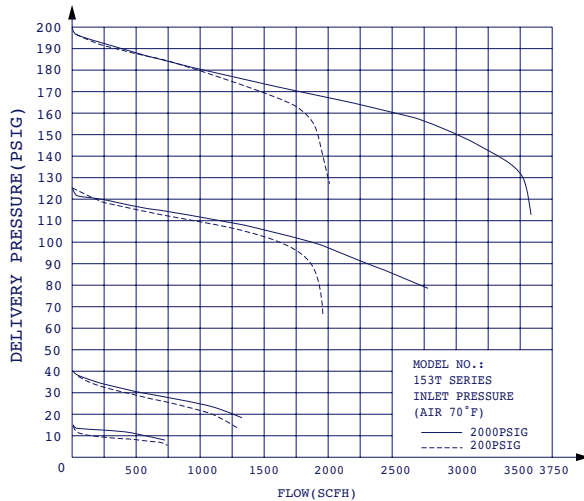
153T Series Two Stage Regulators

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



153T



Gauge Guard Models



153TX-125G



153TY-15G
153TY-15-3G

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		
153TQ-125	AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA590	5/8" - 18RH(F)
153TQ-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		

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

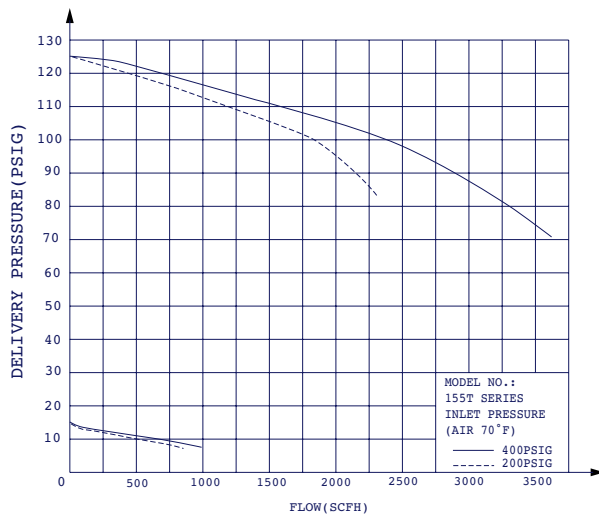
155T Series Two Stage Regulators

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		
155TQ-125	AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA590	7/8" - 14RH(M)
155TQ-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

462TF SERIES

High Pressure Two Stage Regulator

Industrial Gas Apparatus

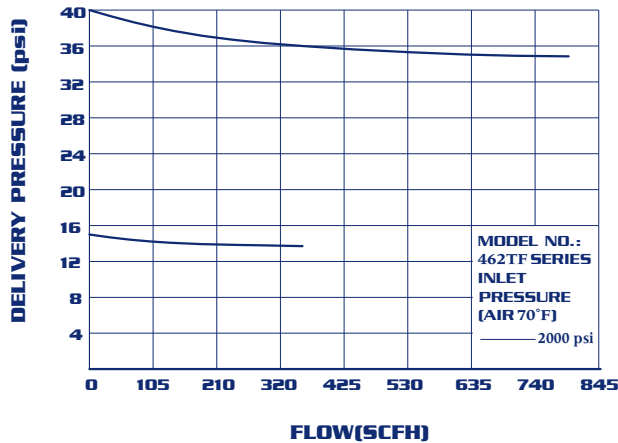
462TF Series Two Stage Regulator

Designed for use with CNG cylinders, the 462TF prevents freezing through a unique heat sink design. The heat transfers through the heat sink preventing frost from forming. The two-stage regulator offers a very steady and precise outlet pressure

- Two-stage regulator offers a steady outlet pressure
- Unique aluminum heat sink fin design prevents freezing
- Special outlet connector with heat sink further prevents freezing
- Brass high pressure core
- 2" dual scale pressure gauges
- Weight: 5 lbs 8 oz
- Conforms to CGA E-4 standard for gas pressure regulators



462TF



Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Maximum Delivery Flow	Inlet Gauge	Outlet Gauge	Inlet Connection*	Outlet Connection
462TF-40	CNG	3600	0-36	0-350 SCFH	2", 6000PSI	2", 60PSI	BS2, G 5/8"-LH(M)	G 3/8" - LH(M)

*Products can be ordered with German (DIN) connections or U.S.A. (CGA) connections. Please confirm when ordering.

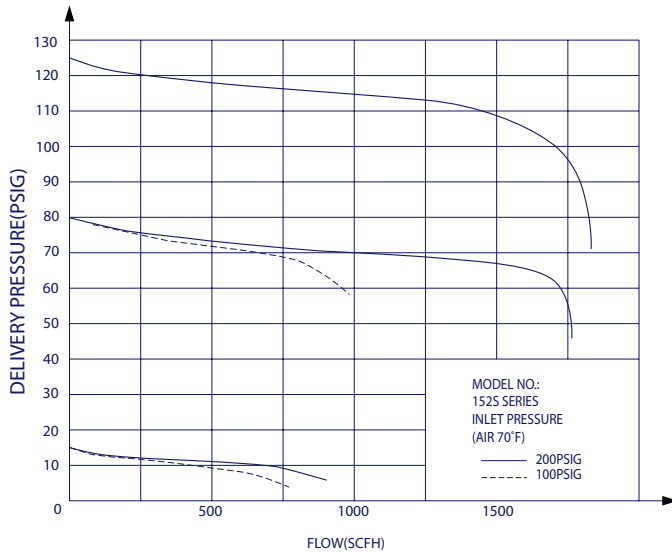
152S Series Station Regulators

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

Medium-Heavy Duty Station Regulators

Industrial Gas Apparatus

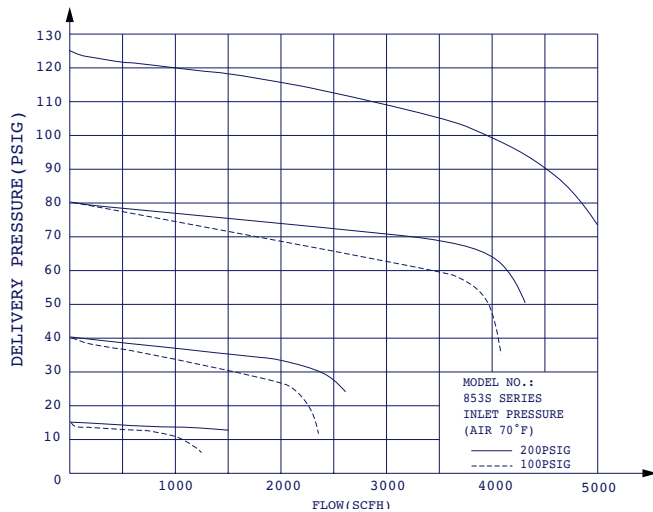
853S Series Station Regulators

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

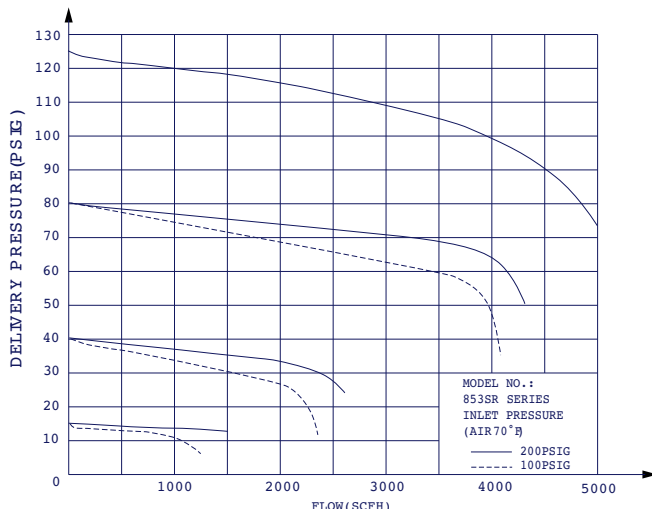
Designed for medium to high flow gas distribution systems in medium to heavy duty flow applications. Maximum inlet pressure of 200 PSIG.

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

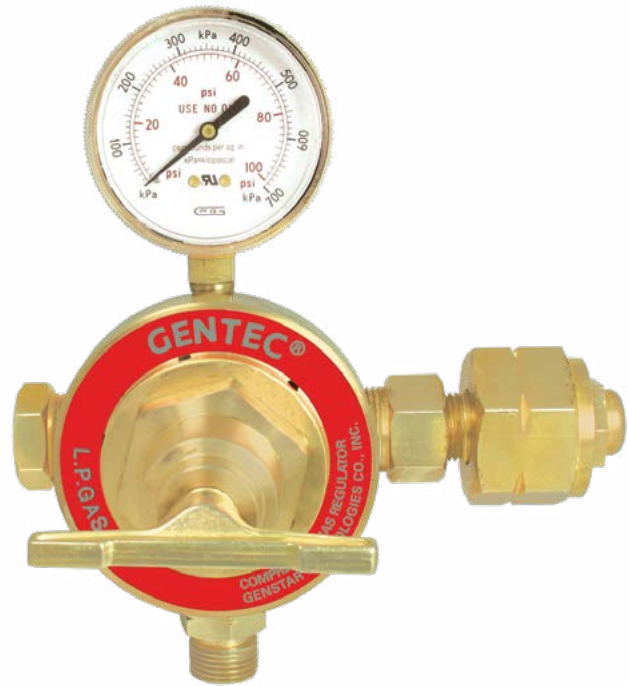
Heavy Duty Station Regulators

Industrial Gas Apparatus

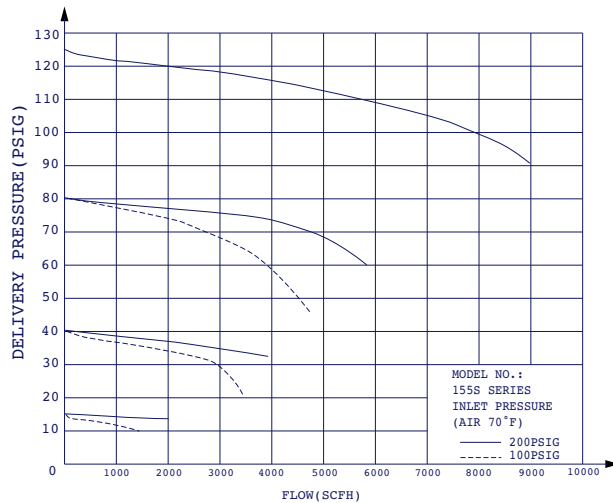
155S Series Station Regulators

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

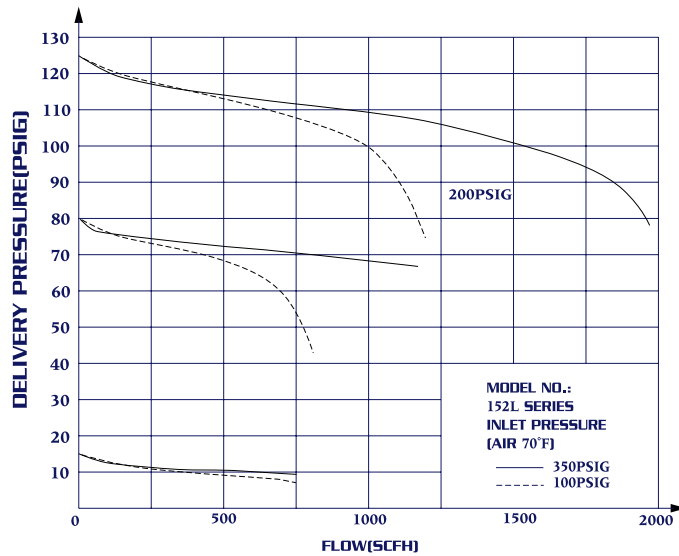
152L Series Pipeline Regulators

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 INERT GAS CO ₂ , AIR	350	4-80	NONE	2", 100PSI	1/4"NPT(F) PORT	1/4"NPT(F) PORT
152LX-125			5-125		2", 200PSI		
152LX-200			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

Medium-Heavy Duty Pipeline Regulators

Industrial Gas Apparatus

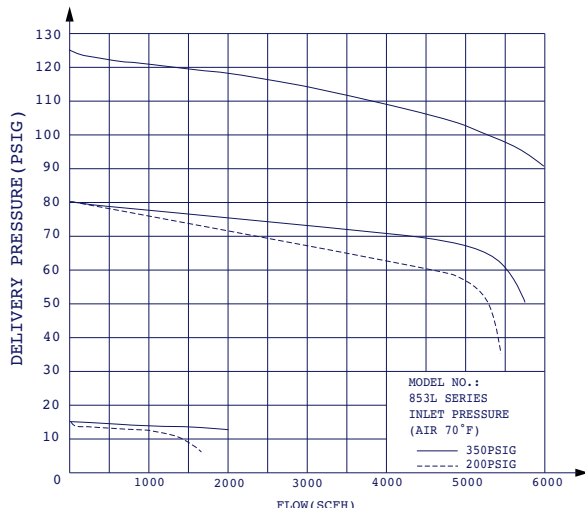
853L Series Pipeline Regulators

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

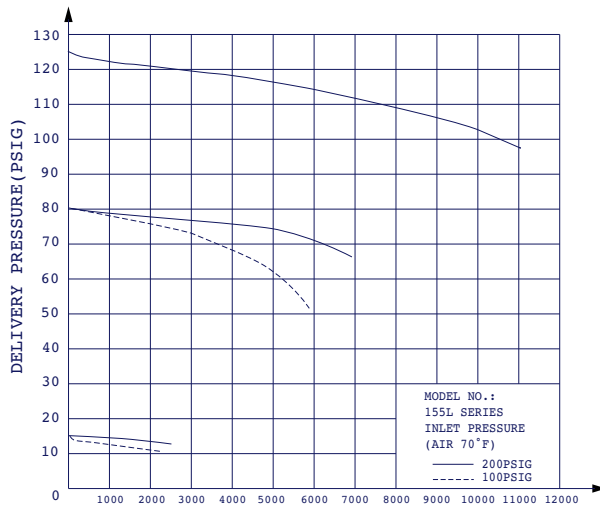
155L Series Pipeline Regulators

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" neoprene 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 SERIES

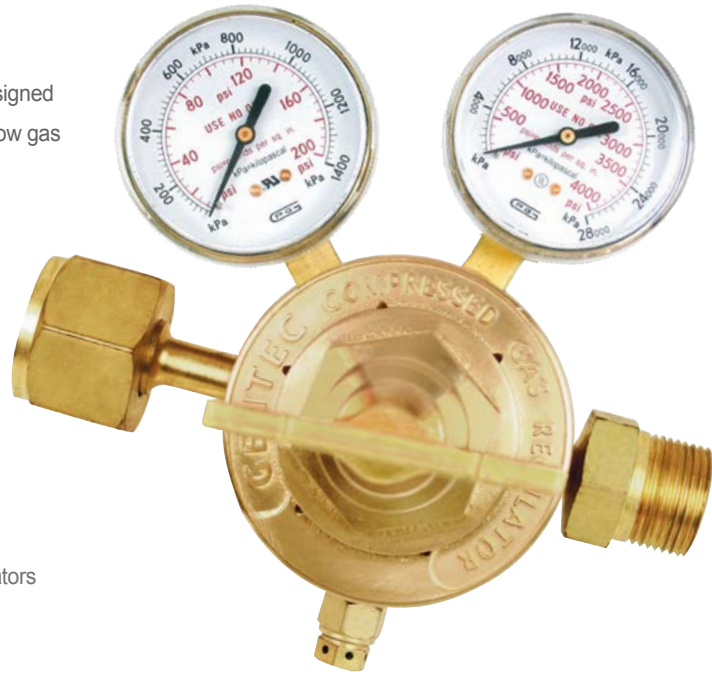
Heavy Duty Manifold Regulators

Industrial Gas Apparatus

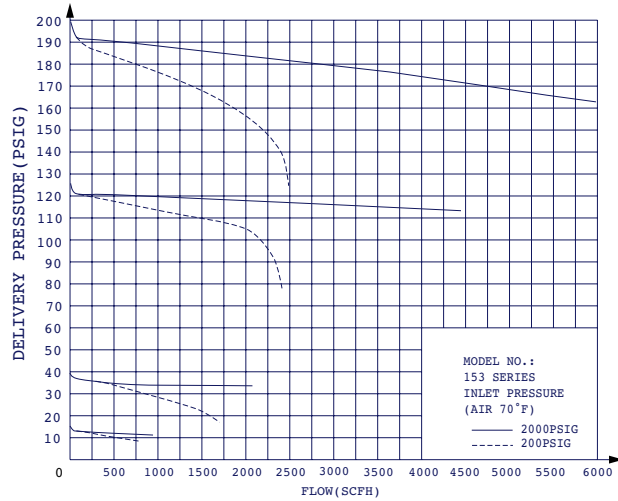
153M Series Manifold Regulators

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" stainless steel 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

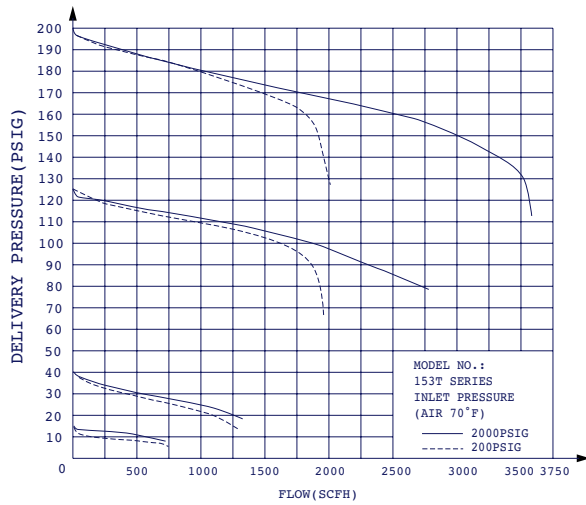
153TM Series Two Stage Manifold Regulators

Model 153TM Series Manifold Regulators are specially designed for manifold systems. They are ideal for use with heavy 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" stainless steel 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	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

155M SERIES

Extra Heavy Duty Manifold Regulators

Industrial Gas Apparatus

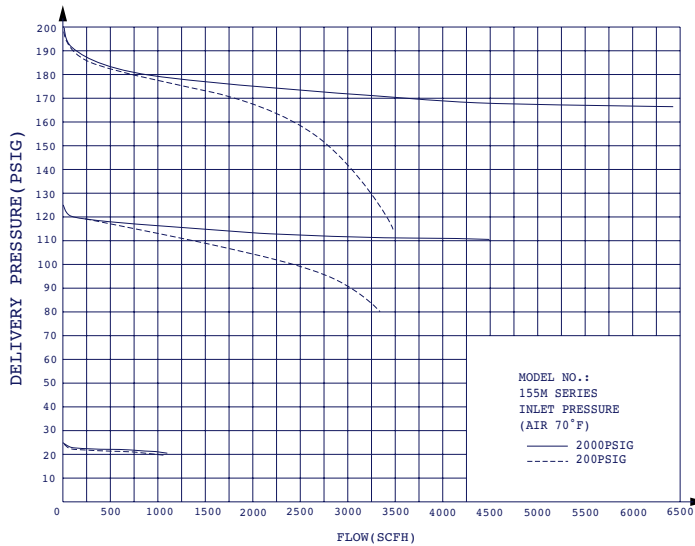
155M Series Manifold Regulators

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" stainless steel 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	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	INERT GAS CO ₂ , AIR		10-200		2-1/2", 400PSI		
155MY-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

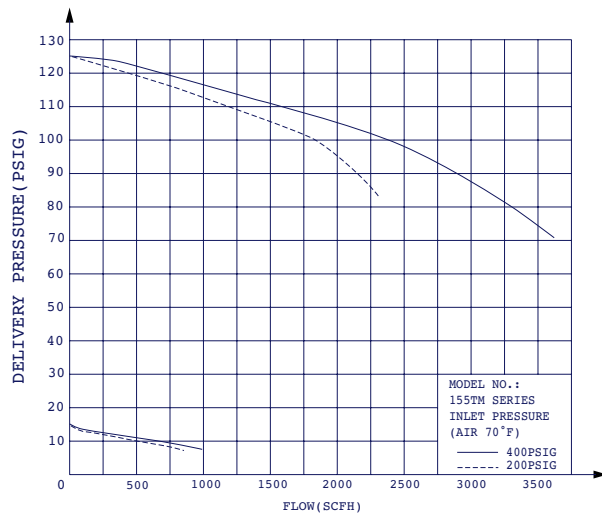
155TM Series Two Stage Manifold Regulators

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" stainless steel 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	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

190 SERIES

Light Duty Flow Gauge Regulators

Industrial Gas Apparatus

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



190AR1

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" - 18RH(F), .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

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



190AR

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" - 18RH(F), .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" - 18RH(F), .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

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



152CD

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" - 18RH(F), .032 ORIFICE
152CD-100	CARBON DIOXIDE	0-100	2", 4000PSI	2", 100SCFH	CGA320	5/8" - 18RH(F), .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

220, 227 & 229 SERIES

Compact Pre-Set Gas Regulators

Industrial Gas Apparatus

220 Flow Regulators "PACER"

Model 220 "PACER" Flow Regulators are designed for light duty MIG applications where compact size and preset 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			
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



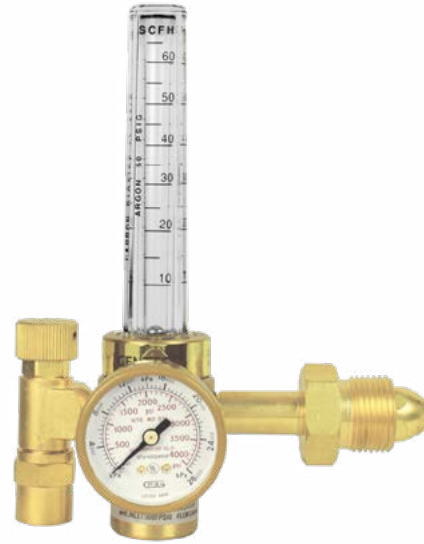
229-50-P

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

191 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 laboratory 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	
191QR-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



791AR

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)

195 & 195T SERIES

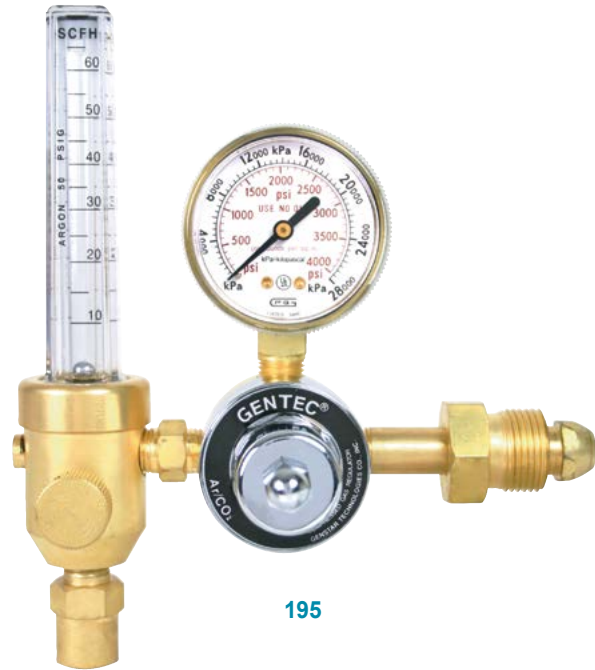
Heavy Duty Flowmeter Regulators

Industrial Gas Apparatus

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 laboratory 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	
195THE-150	HELIUM	150			CGA580	
195TCD-60	CARBON DIOXIDE	60*			CGA320	

*Maximum Actual Flow 30SCFH with Continuous Cold CO₂

MIG/TIG Shielding Gas Kits-Flowmeter /Flowgauge Regulator with 1/4"x6' and 1/4"x10' Hoses



190AR-50-6HSP



195AR-60-6HSP



791AR-60-6HSP

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	1/4"x 6'
190AR-50-6HSP					190AR-50	1/4"x 10'
190AR-50-10HSP						
190CD-45-6HSP	CARBON DIOXIDE	SKIN PACKAGE	50	FLOWGAUGE	190CD-45	1/4"x 6'
191AR-60-6HSP	ARGON, AR/CO ₂ MIX	SKIN PACKAGE	60	FLOWMETER	191CD-60	1/4"x 6'
191AR-60-10HSP						1/4"x 10'
191AR-60-6HSP		CLAM SHELL				1/4"x 6'
191CD-60-6HSP	CARBON DIOXIDE	SKIN PACKAGE	60	FLOWMETER	191CD-60	1/4"x 6'
191CD-60-6HCS		CLAM SHELL				
791AR-60-6HSP	ARGON, AR/CO ₂ MIX	SKIN PACKAGE	60	FLOWMETER	791AR-60	1/4"x 6'
195AR-60-6HSP					195AR-60	
195CD-60-6HSP	CARBON DIOXIDE	SKIN PACKAGE	60	FLOWMETER	195CD-60	1/4"x 6'

196 DUAL & 195FM SERIES

Dual Flowmeter Regulators & Flowmeters

Industrial Gas Apparatus

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 laboratory 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: 1 lb 2 oz
- UL Listed



195FM

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)	

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: 4 lbs 11 oz



198CD-60

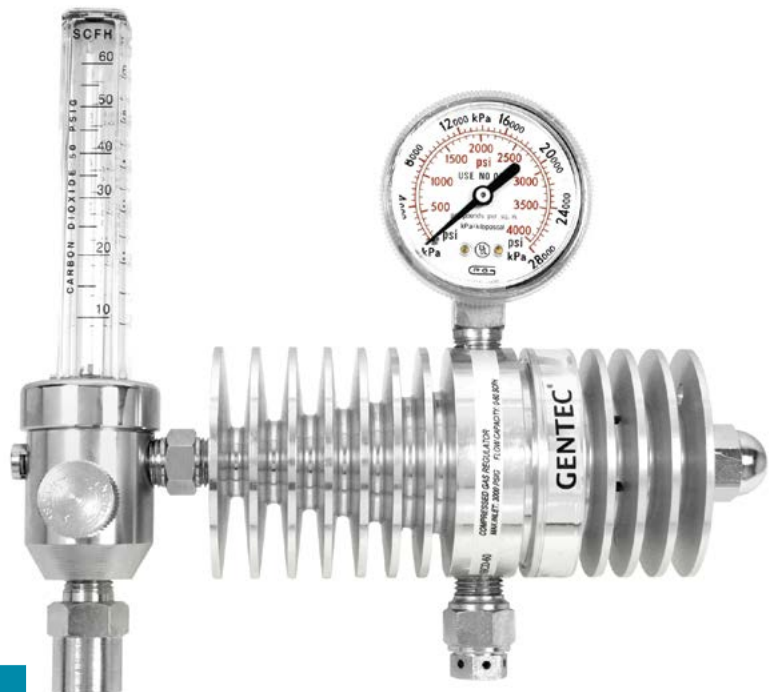
Model Number	Gas Service	Outlet Pressure Preset (PSI)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
198CD-60	CARBON DIOXIDE	50	2", 4000PSI	60	CGA320	5/8" - 18RH(F)

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

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: 4 lbs



199CD-60

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)

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

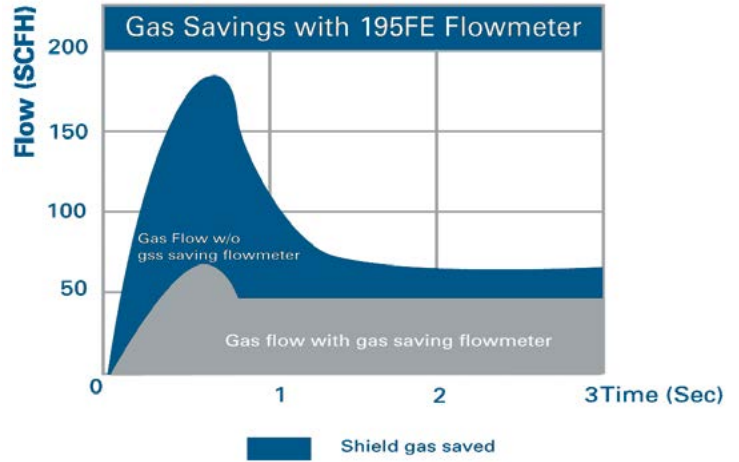
195AE-60

Gas Saving Flowmeter Regulator Heavy Duty

Industrial Gas Apparatus

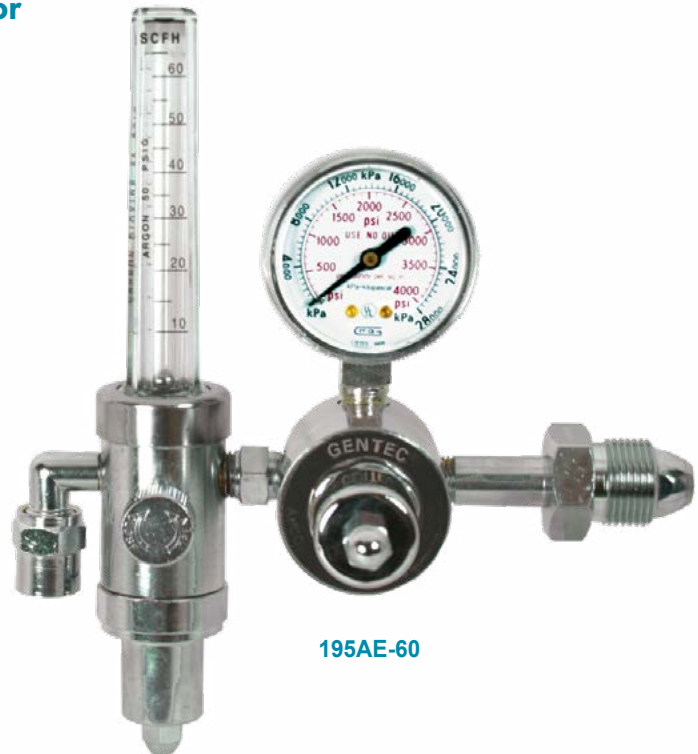
GENTEC® Gas Saving Flowmeter Regulators are designed to minimize the amount of shield gas wasted. The innovative design integrates a stabilizer onto the flowmeter providing constant pressure and flow.

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: 4 lbs 11 oz



194CE

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: 1 lb 2 oz



195FE

Model Number	Gas Service	Maximum 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, 230, 230HB SERIES

Balloon Filler Regulators

Industrial Gas Apparatus

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	



229



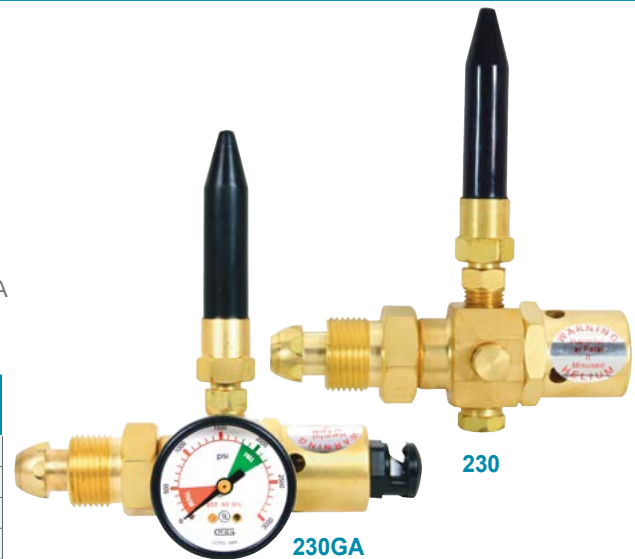
229G

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



230

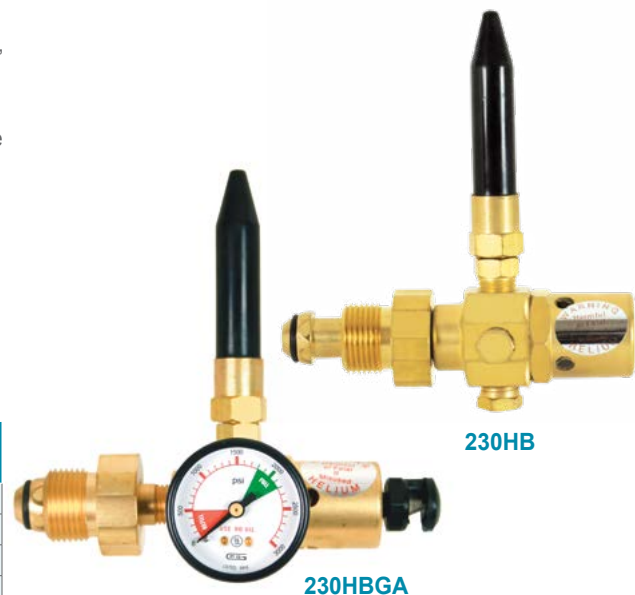
230GA

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



230HB

230HBGA

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” 3000PSI REAR	NONE
230HGA			TIE HOOK, STRING CUTTER



230HGA

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” 3000PSI REAR	TIE HOOK, STRING CUTTER



230HGMYA

ACCESSORIES

Balloon Filler Regulator Accessories

Industrial Gas Apparatus

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



RB205-1L



RB205-1X



RB205-1F



RB205-1N

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
GKNT20-T	• CRT20N CYLINDER CARRYING STAND
	• GKNT KIT
GKNT40-TC	• CRT20N CYLINDER CARRYING STAND
	• GKNT KIT
	• CY40-580 40 CU. FT. TANK, EMPTY
GKNT40-T	• CRT40N CYLINDER CARRYING STAND
	• GKNT KIT
	• CRT40N CYLINDER CARRYING STAND



GKNT40-TC

Tire Kit Accessories

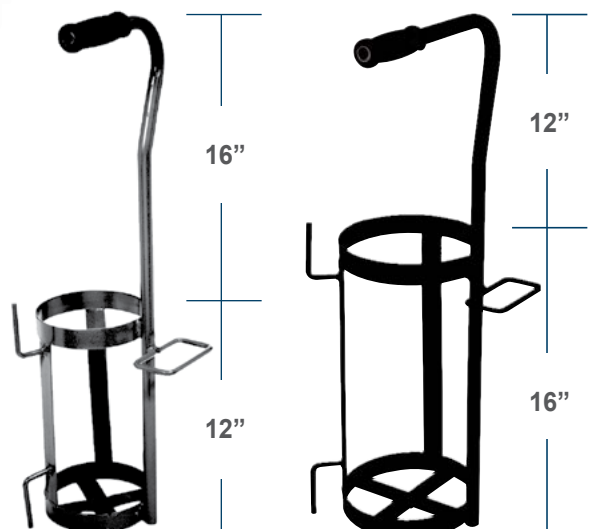


TW146

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
CRT40N	40 CU. FT. CYLINDER CARRYING STAND
CY20-580	20 CU. FT. CYLINDER, EMPTY
CY40-580	40 CU. FT. CYLINDER, EMPTY



CRT20N

CRT40N

REGULATOR ACCESSORIES

Pressure Gauges

Industrial Gas Apparatus

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 CONTENT	REAR	BLACK
GR15-3000RF	0-3000PSI CONTENT	REAR	BLACK
G15-4000	0-4000 PSI	SIDE	GREEN
GR15-4000		REAR	BLACK
GR15-4000G		REAR	GOLD

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-60	0-60 PSI	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



152X-125G



**GP31X
OXYGEN**



**GP31Y
ACETYLENE**



**GP20X
OXYGEN**



**GP20Y
ACETYLENE**

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
GP31X	OXYGEN	GREEN	153X-125	153X-125G
			153TX-125	153TX-125G
			153Y-15	153Y-15G
GP31Y	ACETYLENE	RED	153Y-15-3	153Y-15-3G
			153TY-15	153TY-15G
			153TY-15-3	153TY-15-3G
			153TY-15-3	153TY-15-3G

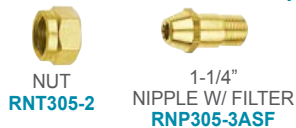
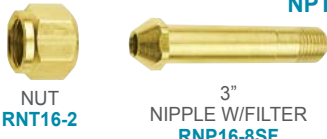



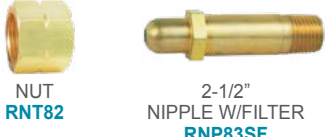
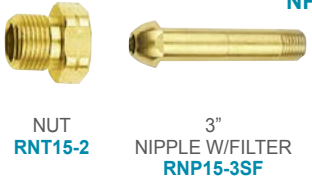



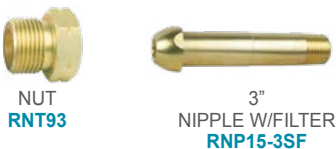


*Please refer to GENTEC® SILVER SERIES GAS WELDING & CUTTING APPARATUS brochure (Catalog No. BR-SILVER2008) for information of 752 and 753 series regulators

REGULATOR ACCESSORIES

Inlets, Nuts & Nipples

Industrial Gas Apparatus

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
<p>FOR "MC" TANK ACETYLENE UP TO 500PSI 1/8" NPT</p>  <p>NUT RNT305-2</p> <p>1-1/4" NIPPLE W/FILTER RNP305-3ASF</p>	<p>FOR COMMERCIAL ACETYLENE UP TO 500PSI 1/4" NPT</p>  <p>NUT RNT16-2</p> <p>3" NIPPLE W/FILTER RNP16-8SF</p>	<p>FOR CARBON DIOXIDE UP TO 3000PSI 1/4" NPT</p>  <p>NUT RNTCO2</p> <p>WASHER RNP505 (FIBER) RNP506N (NYLON)</p> <p>2" NIPPLE W/FILTER RNP303-SF</p>
CGA346	CGA347	CGA350
<p>FOR AIR UP TO 3000PSI 1/4" NPT</p>  <p>NUT RNT14-2</p> <p>3" NIPPLE W/FILTER RNP14-3SF</p>	<p>FOR "AIR/HIGH PRESSURE UP TO 5500PSI 1/4" NPT</p>  <p>NUT RNT347-2</p> <p>3" NIPPLE W/FILTER RNP347-3SF</p>	<p>FOR "HYDROGEN/NATURAL GAS UP TO 3000PSI 1/4" NPT</p>  <p>NUT RNT82</p> <p>2-1/2" NIPPLE W/FILTER RNP83SF</p>
CGA510	CGA520	CGA540
<p>FOR POL ACETYLENE & PROPANE UP TO 500PSI 1/4" NPT</p>  <p>NUT RNT15-2</p> <p>3" NIPPLE W/FILTER RNP15-3SF</p>	<p>FOR "B" TANK ACETYLENE UP TO 500PSI 1/4" NPT</p>  <p>NUT RNT300-2</p> <p>1-3/4" NIPPLE W/FILTER RNP300-3SF</p>	<p>FOR OXYGEN UP TO 3000PSI 1/4" NPT</p>  <p>HAND TIGHT NUT 24-0662P</p> <p>NUT RNT62</p> <p>NIPPLE W/FILTER RNP66-SF(2-1/2") RNP61-SF(1-5/8")</p>
CGA580	CGA590	
<p>FOR INERT GAS, ARGON, HELIUM & NITROGEN UP TO 3000PSI</p>  <p>NUT RNT92</p> <p>WRENCH & HAND TIGHT NUT RNT92-HT</p> <p>HAND TIGHT NUT 24-0692P</p>		<p>FOR INDUSTRIAL AIR UP TO 3000PSI 1/4" NPT</p>  <p>NUT RNT93</p> <p>3" NIPPLE W/FILTER RNP15-3SF</p>
<p>FOR INERT GAS, ARGON, HELIUM & NITROGEN UP TO 3000PSI</p>  <p>1/4" NPT</p> <p>NIPPLE W/FILTER RNP15-3SF (3") RNP15-23SF (2-1/8")</p> <p>1/4" NPT</p> <p>NIPPLE W/FILTER & O-RING RNP615-3SF (3-1/2") RNP615-25SF (2-3/8")</p> <p>O-RING RNPOR-11</p>		<p>FOR INERT GAS/HIGH PRESSURE UP TO 5500PSI 1/4" NPT</p>  <p>NUT RNT680-2</p> <p>3" NIPPLE W/FILTER RNP680-3SF</p>
		CGA680

ACETYLENE TO ACETYLENE



24-0015

Cylinder cga 510 "POL"
Regulator cga 300 "comm"
reference No: 15

ACETYLENE TO ACETYLENE



24-0016

Cylinder cga 300 "comm"
Regulator cga 510 "pol"
reference No: 16

ACETYLENE TO ACETYLENE



24-0051

Cylinder cga 510 "POL"
Regulator cga 300 "comm"
reference No: 51

ACETYLENE TO ACETYLENE



24-0061

Cylinder cga 300 "comm"
Regulator cga 510 "POL"
reference No: 61

ACETYLENE TO ACETYLENE



24-0306

Cylinder cga 520 "b"
Regulator cga 200 "mc"
reference No: 306

ACETYLENE TO ACETYLENE



24-0314

Cylinder cga 200 "mc"
Regulator cga 520 "B"
reference No: 314

ACETYLENE TO ACETYLENE



24-0315

Cylinder cga 510 "POL"
Regulator cga 520 "b"
reference No: 315

ACETYLENE TO ACETYLENE



24-0317

Cylinder cga 520 "B"
Regulator cga 510 "pol"
reference No: 317

ACETYLENE TO ACETYLENE



24-0318

Cylinder cga 520 "b"
Regulator cga 510 "pol"
reference No: 318

ACETYLENE TO ACETYLENE



24-0319

Cylinder cga 520 "B"
Regulator cga 300 "comm"
reference No: 319

ACETYLENE TO ACETYLENE



24-0321

Cylinder cga 200 "mc"
Regulator cga 510 "pol"
reference No: 321

INERT GAS TO OXYGEN



24-0415

Cylinder cga 580
Regulator cga 540
reference No: 415

CO₂ TO INERT GAS



24-0806

Cylinder cga 320
Regulator cga 580
reference No: 806

INERT GAS TO CO₂



24-0810

Cylinder cga 580
Regulator cga 320
reference No: 810

ACETYLENE TO ACETYLENE



24-1690










Cylinder cga 300 "comm"
Regulator cga 510 "POL"
reference No: 1690





SELECTION TABLE		
From 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	24-0051
CGA 510 "POL" ACETYLENE	CGA 520 "B" ACETYLENE	24-0315
CGA 520 "B" ACETYLENE	CGA 300 "COMM" ACETYLENE	24-0319
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

REGULATOR ACCESSORIES





Outlets & Check Valves, Shut-Off Valve, Y Connection & Inert Arc Fittings



Industrial Gas Apparatus






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 / Propane	Inert Gas
INLET 9/16"-18(RH) OUTLET 9/16"-18(RH)  24-0203	INLET 1/4" NPT OUTLET 9/16"-18(RH)  24-0205	INLET 1/4" NPT OUTLET 9/16"-18(LH)  24-0206	INLET 1/4" NPT OUTLET 5/8"-18(RH)  24-0215-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)  24-0101	INLET 9/16"-18(LH) OUTLET 9/16"-18(LH)  24-0102	INLET 9/16"-18(RH) OUTLET 9/16"-18(RH)  24-0111	INLET 9/16"-18(LH) OUTLET 9/16"-18(LH)  24-0112	INLET 5/8"-18(RH) OUTLET 5/8"-18(RH)  24-0411

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.

KITS WITH "A" AND "B" TYPE FITTING FOR 3/16" AND 1/4" ID HOSES - 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 FOR 3/16" AND 1/4" ID HOSES - 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 "B" TYPE FITTING FOR 1/4" ID HOSE - 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	

Kit Box (empty), CK-0, is available.

Crimping Tools



C-1



C-5

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.

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

HOSE ACCESSORIES

Hose Fittings, Couplers, Splicers, Adapters, Ferrules & Braces

Industrial Gas Apparatus

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

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"

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"

Hose Braces



Order Number	Description
24-9116	FOR 3/16" TWIN HOSES
24-9940P	FOR 1/4" TWIN HOSES

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

Welding Hoses, 9/16"-18 B Fitting

Model Number	Hose I.D.	Hose Length	Grade
HA14-006IN	1/4"	6'	-
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



HA14-006IN



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, 173W, 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 (PSIG)
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	N/A	30/50

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

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

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

TECHNICAL DATA

Cutting Tips 672CHN, 672CHNP, 572C, 572CN Series

Industrial Gas Apparatus

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			
Tip Size	Gas Service	Oxygen (PSIG)	Fuel Gas (PSIG)
2	ACETYLENE	2	2
3	ACETYLENE PROPANE MAPP [®] PROPYLENE	3	3
4		4	4
5		6	6
6		6	6
7		8	8

OXY-FUEL TWIN TIPS		
Model Number	Oxygen (PSIG)	Fuel Gas (PSIG)
10STP-3C	4	4
10STP-4C	4	4
10STP-5C	6	6

OXY-FUEL HEATING TIPS		
Model Number	Oxygen (PSIG)	Fuel Gas (PSIG)
10STP-HF6	14	10
10STP-HY6	14	10

The Compact Torch Tips

10CMP OXY-FUEL TIPS			
Tip Size	Gas Service	Oxygen (PSIG)	Fuel Gas (PSIG)
2	ACETYLENE	25	4
3	ACETYLENE PROPANE MAPP [®]	25	4
4		28	4.5
5		28	4.5
6		30	5
7		30	6

OXY-ACETYLENE TWIN TIP & HEATING TIPS				
Model Number	Oxygen (PSIG)	Fuel Gas (PSIG)	Fuel Gas (SCFH)	Brazing Capacity For Copper
10CMP-GMTT	5	5	4/6	1"
10CMP-GMTR	5	5	4/8	1-1/2"

INDEX & COMPARISON CHART

Welding & Cutting Apparatus Chart

Industrial Gas Apparatus

EQUIVALENT CODE KEY (C) CONCOA/AIRCO®; (CS) CUTSKILL®; (FP) FIREPOWER®; (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		140T-CV	8		152IN-125	36	(FP) FPR250-125-580
10CM-H12	29		140T-FA	8				(SM) H1730C-580
10CMP	30		141C	10	(U) CA250			(V) SR250D-580
10CMP-C3SP	30				(V) CA1260			
10CMP-C4SP	30		141T	8	(U) WH250	152LF-80	53	(V) L261C-250
10CMP-GMTR	30				(V) J100C	152LX-125	53	(U) RUHL8210
10CMP-GMTT	30		141TA	8				(V) L250D-250
10ST	26	(SM) 11-1101C	141TA-CV	8		152LX-200	53	
10ST-H06	26		141TA-FA	8		152LX-80	53	
10ST-H12	26		141T-CV	8		152LY-15	53	(U) RUHL8211
10STP	26	(SM) 12-1401	141T-FA	8				(V) L260A-250
		(U) ART(X)A	142C	10	(CS) CA270-V	152Q-125	36	(U) RUH8218
10STP-2~6SP	26				(FP) CA250-FS			(U) SR250D-346
10STP-3~7SP	26				(U) CA350			(W) RS-2-3
10STP-3C	26	(SM) 12-1402-03	142T	8	(V) CA1350	152Q-15	36	
		(U) ART3AT			(U) WH350	152SF-125	49	(V) S261D-025
10STP-4C	26	(SM) 12-1402-04	142T-CV	8	(V) 100C	152SF-80	49	(U) RUHS8212
		(U) ART4AT	142T-FA	8	(CS) WH270FC-V			(V) S261C-025
10STP-5C	26	(SM) 12-1402-05			(FP) WH270FC-FS	152SIN-125	49	(U) RUHS8214
		(U) ART5AT			(V) 100FC			(V) S250D-034
10STP-HF6	26	(SM) 13-662	143ACA	10	(U) 780	152SIN-40	49	(V) S250B-034
		(U) ART662			(V) 2461	152SIN-40FG	49	(V) SFG250-034
10STP-HY6	26	(SM) 13717	143CA	10	(CS) CA370-V	152SIN-80	49	(V) S250C-034
		(U) ART717			(FP) CA350-FS	152SX-125	49	(U) RUHS8210
1120	1				(U) 780A	152SX-40	49	(V) S250D-024
1120-3	1				(V) CA2460	152SX-80	49	(V) S250B-024
1120FA	1		143SCA	10	(U) 780B	152SY-15	49	(V) S250C-024
1120FA-3	1				(V) 2462			(U) RUHS8211
1121	1		143T	8	(U) WH360	152TF-80	45	(V) S260A-025
1121-3	1				(V) 315C			(U) RHT8012
1121FA	1	(V) Performer	143T-CV	8		152TIN-125	45	(V) VTS261B-510
1121FA-3	1	(V) Performer	143T-FA	8	(CS) WH370FC-V			(U) RHT8014
1130	3				(FP) WH370FC-FS	152TQ-125	45	(V) VTS250D-580
1130-3	3				(V) 315FC			(U) RHT8018
1130FA	3	(V) Journeyman	143TL	8	(U) WH360L	152TX-80	45	(V) VTS250D-346
1130FA-3	3	(V) Journeyman			(V) 310C			(U) RHT8010
1131	3		143TL-CV	8		152TX-80	75	(V) VTS250C-540
1131-3	3		143TL-FA	8		152TX-80G	45	
1131FA	3	(V) Journeyman II	143TLH	8	(U) 72L11	152TX-80G	75	
1131FA-3	3	(V) Journeyman II			(V) HD310C	152TY-15	45	(U) RHT8011
1138	2		143TLH-CV	8				(V) VTS260A-510
1138-3	2		143TLH-FA	8		152TY-15	75	
1138FA	2	(V) Contender	152AR-100	61	(CS) AF200-580	152TY-15-3	45	(U) RHT8011-1
1138FA-3	2	(V) Contender			(U) RHFG14-50			(V) VTS260A-300
11ST	26				(W) RS-3-FG	152TY-15-3G	45	
1221	2		152CD-100	61	(SM) H1758-320	152TY-15G	45	
1221-3	2				(U) RHFG13-50			
1221FA	2	(V) Super Range II			(W) RS-4-FG	152X-125	36	(V) SR250D-540
1221FA-3	2	(V) Super Range II	152F-80	36	(CS) RC250-40-510LP	152X-125G	36	
12-PT	4	(U) KL350-P			(FP) 250-40-510LP-FB	152X-80	36	(CS) RC250-80-540
		(V) Portable Torch			(SM) H1722C-510			(FP) 250-80-540-FB
		(U) KL350-P-TU			(V) SR261C-510	152X-80G	36	(SM) H1710C-540
		(V) Portable Torch				152Y-15	36	(V) SR250C-540
12-PTCSP	4		152H-125	36	(V) SR252D-350			
13-OS	5		152H-15	36	(V) SR252A-350			
13-OSA	5		152H-40	36	(V) SR252B-350			
13-OSAFA	5	(V) Journeyman Select	152H-80	36	(V) SR252C-350			
13-OSAFA	5	(U) KV780AFB						
13-OSFA	5	(V) Journeyman Select						
140T	8	(U) 71						
		(V) J-28						

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
152Y-15-3	36	(CS) RC250-15-300 (FP)250-15-300-FB (SM)H1720C-300 (V) SR260A-300	153TIN-125	46	(U) RVT8014 (V) VTS450D-580 (W) RD-7-3	153Y-15-3	41	(CS) RC450-15-300 (SM) HB1520B-300 (U) RV8011-1 (V) SR460A-300 (W) RC-1A-1
	75							
152Y-15-3G	36	(V) SR260A-520	153TIN-250	46	(SM) H1414B-580 (V) VTS450E-580 (W) RD-7-4	153Y-15-3G	41	
152Y-15-5	36		75				75	
152Y-15-5G	75		153TMX-125	57		153Y-15G	41	
152Y-15G	36		153TMY-15	57			75	
153C-125	41	(U) RV8013 (V) SR453D-320 (W) RC-4-3	153TQ-125	46	(V) VTS450D-590	155F-125	42	(V) SR711D-510
	75					42	(V) SR702E-350	
153C-200	41	(SM) HB1533-320 (V) SR453E-320	153TQ-200	46	(U) RVT8018 (V) VTS450E-346	155HFN-600	43	
153F-125	41	(SM) HB1522B-510 (U) RV8012 (V) SR461D-510	153TX-125	46		155HFX-800	43	
153H-125	41	(U) RV8017 (V) SR452D-350	153TX-125G	46	(SM) H1410B-540 (U) RVT8010 (V) VTS450D-540 (W) RD-9-3	155IN-125	42	(V) SR700D-580
	75					42	(V) SR700E-580	
153H-200	41	(V) SR452E-350 (W) RC-6-4	153TX-250	46	(SM) H1413B-540 (U) RVT8010-3 (V) VTS450E-540 (W) RD-9-4	155LF-125	55	(V) L711E-500
153IN-125	41	(CS) RC450-125-580 (U) RV8014 (V) SR450D-580 (W) RC-7-3	153TX-250G	46		155LF-200	55	(V) L711E-500
153IN-250	41	(SM) HB1530-580 (V) SR450E-580 (W) RC-7-4	153TY-15	46	(SM) H1421B-510 (U) RVT8011 (V) VTS460A-510 (W) RD-1-1	155LX-125	55	(V) L700D-750
	75					55	(V) L700E-750	
153IN-250-F	41	(U) RV8015A-1	153TY-15-3	46	(SM) H1420B-300 (U) RVT8011-1 (V) VTS460A-300 (W) RD-1A-1	155LX-200	55	(V) L700C-750
153MF-125	56	(V) SR461MD-997	153TY-15-3G	46		155LY-15	55	(V) L710A-750
153MX-125	56	(V) SR450MD-996 (W) RM-2-4	153TY-15G	46		155MIN-125	58	(V) SR700MD-996 (W) RDM-9-4
153MX-200	56	(V) SR450ME-996 (W) RM-2-4	153X-125	41	(CS) RC450-125-540 (SM) HB1510A-540 (U) RV8010 (V) SR450D-540 (W) RC-9-3	155MIN-200	58	(V) SR700ME-996 (W) RDM-9-4
153MY-15	56	(V) SR460MA-997 (W) RM-1-1	153X-125G	41		155MY-15	58	(V) SR710MA-996 (W) RDM-9-4
153Q-125	41	(V) SR450D-590 (W) RC-2-3	153X-250	41	(SM) HB1511A-540 (U) RV8010-3 (V) SR450E-540 (W) RC-9-4	155Q-125	42	(V) SR700E-346
153Q-200	41	(U) RV8018 (V) SR450E-346 (W) RC-2-4	153X-250G	41		155Q-200	42	(SM) HB1580A (V) S711C-997
153TC-125	46	(SM) H1434A-320 (U) RVT8013 (V) VTS453D-320 (W) RD-4-3	153Y-15	41	(CS) RC450-15-510 (SM) HB1521B-510 (U) RV8011 (V) SR460A-510 (W) RC-1-1	155SF-80	52	(V) S711C-997 (SM) HB1575A (V) S700D-996
153TC-200	46	(V) VTS453E-320		75		155SX-125	52	(V) S700D-996 (SM) HB1579A (V) S710A-997
153TF-125	46	(U) RVT8012 (V) VTS461D-510 (W) RD-10-2		75		155SY-15	52	(V) S710A-997 (V) VTS711D-510 (V) VTS710D-580
						155TF-125	47	(V) VTS710E-580 (V) VTS700MD-996 (V) VTS700ME-996 (V) VTS710MA-997
						155TIN-125	47	
						155TIN-200	47	
						155TMIN-125	59	
						155TMIN-200	59	
						155TMY-15	59	
						155TQ-125	47	
						155TQ-200	47	
						155TX-125	47	(V) VTS700D-540
						155TX-200	47	(V) VTS700E-540
						155TY-15	47	(V) VTS710A-510
						155TY-15-3	47	(V) VTS710A-300
						155X-125	42	(V) SR700D-540
						155X-200	42	(V) SR700E-540
						155Y-15	42	(V) SR710A-510
						155Y-15-3	42	
						156DH-125	44	
						156DIN-125	44	
						156DIN-450	44	
						156DLH-125	44	
						156DLIN-125	44	
						156DLX-125	44	
						156DX-125	44	
						161S-17	12	(V) CST800C
						161S-17-CV	12	(U) EC72740A

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INDEX & COMPARISON CHART

Welding & Cutting Apparatus Chart

Industrial Gas Apparatus

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
161S-17-FA	12	(U) EC72740AFB (V) CST800FC	171HN	20	(V) MFN-J	175HN	21	(V) Type 55
162L-21	12	(FP) ST900C-FS (V) ST900C	171W	17	(U) Type 17 (V) W-J	190AR1-50	60	
162L-21-CV	13		171W-000~0	30		190AR1-50-6HSP	66	
162L-21-FA	13	(V) ST900FC	172C	22	(FP) 3-101-FP (U) 3-101 (V) 3-101	190AR1-50-B	60	
162S-17	13	(V) SST900C	172CG	22	(U) 3-118 (V) 3-118	190AR1-50-P	60	
162S-17-CV	13		172CN	22	(FP) 3-GPN-FP (U) 3-GPN (V) 3-GPN	190AR-50	60	(CS) AF150-580 (FP) AF150-580-FB (SM) H1957B-580 (U) CEF614 (V) AF250-580 (W) REB-3-FG
162S-17-FA	13	(V) SST900FC	172CP	22	(U) 3-GPP (V) 3-GPP	190AR-50-6HSP	66	(CS) AF150-580-CS (SM) H1957B-580-H (W) REB-3-FGD
163AL-21	13	(V) ST1601C	172H	20	(FP) MFA-1-FS (U) TYPE 29 (V) MFA-1	190AR-50-B	60	
163AL-21-CV	13	(U) 831-21	172HN	20	(V) MFN-1	190AR-50-P	60	
163AL-21-FA	13	(U) 831-21FB (V) ST2601FC	172W	17	(FP) W-1-FS (U) Type 13 (V) W-1	190C-175	34	(CS) SR5-40-320 (SM) H1933A-320 (V) SR5B-320 (W) REB-4-3
163AL-27	13	(V) ST1611C	172WRTE	18	(U) UN-1+TEN			
163AL-27-CV	13		173C	22	(FP) 1-101-FP (U) 1-101 (V) 1-101	190C-175-F	34	(U) R1363
163AL-27-FA	13	(V) ST2611FC	173CG	22	(FP) 1-118-FP (U) 1-118 (V) 1-118	190CD-45	60	(CS) CF153-320 (FP) CF153-320-FB (SM) H1958B-320 (U) CEF613 (V) CF253-320 (W) REB-4-FG
163AL-36	13	(V) ST1631C	173CGN	22	(U) 1-234 (V) 1-234	190CD-45-6HSP	66	(CS) CF153-320-CS (SM) H1958B-320 (W) REB-4-FGD
163AL-36-CV	13	(U) 831-36 (V) ST2631FC	173CHN	22	(U) MTHN (V) MTHN	190F-80	34	(CS) SR7-40-510
163AL-36-FA	13	(U) 831-36FB (V) ST2631FC	173CHP	22	(U) MTHP (V) MTHP	190F-80	34	(SM) H1945E-510 (U) MR8212 (V) SR7-40-510
163AL-48	13	(V) ST1651C	173CM	22	(U) GPM (V) GPM	190H-80	34	
163AL-48-CV	13	(U) 831-48 (V) ST2651FC	173CN	22	(FP) GPN-FP (U) GPN (V) GPN	190IN-175	34	(SM) H1931A-580
163AL-48-FA	13	(U) 831-48FB (V) ST2651FC	173CP	22	(U) GPP (V) GPP	190IN-175-F	34	(U) R1563
163L-21	13	(V) ST1600C	173H	20	(FP) MFA-FS (U) TYPE 11 (V) MFA	190IN-80	34	(CS) SR5-40-580 (V) SR5B-580 (W) REB7-3
163L-21-CV	13	(U) 830-21	173HN	20	(U) Type 12 (V) MFN			
163L-21-FA	13	(U) 830-21FB (V) ST2600FC	173MFTA-10	14	(V) 10-1-MFTA	190X-80	34	(CS) SR5-60-540 (FP) 150-60-540-FB (SM) H1910F-540 (U) MR8210 (V) SR5-60-540 (W) REB-9-3
163L-27	13	(V) ST1610C	173MFTA-12	14	(V) 12-1-MFTA			
163L-27-CV	13		173MFTN-10	14	(V) 10-1-MFTN	190Y-15	34	(CS) SR6-15-510 (FP) 150-15-510-FB (SM) H1945E-510 (U) MR8211 (V) SR6-15-510 (W) REB-1-1
163L-27-FA	13	(V) ST2610FC	173MFTN-12	14	(V) 12-1-MFTN			
163L-36	13	(V) ST1630C	173W	17	(FP) W-FP (U) Type 4 (V) W			
163L-36-CV	13	(U) 830-36 (V) ST2630FC	173WRTE	18	(U) Type 1 (V) RTE			
163L-36-FA	13	(U) 830-36FB (V) ST2630FC	173WRTE	18	(V) RTEN			
163L-48	13	(V) ST1650C						
163L-48-CV	13	(U) 830-48 (V) ST2650FC						
163L-48-FA	13	(U) 830-48FB (V) ST2650FC						
163S-17	13	(V) SST1600C						
163S-17-CV	13	(U) 830-17						
163S-17-FA	13	(U) 830-17FB (V) SST2600FC						
163SL-21	13	(V) ST1602C						
163SL-21-CV	13	(U) 832-21						
163SL-21-FA	13	(U) 832-21FB (V) ST2602FC						
163SL-27	13	(V) ST1612C						
163SL-27-CV	13							
163SL-27-FA	13							
163SL-36	13	(V) ST1632C						
163SL-36-CV	13	(U) 832-36						
163SL-36-FA	13	(U) 832-36FB (V) ST2632FC						
163SL-48	13	(V) ST1652C						
163SL-48-CV	13	(U) 832-48						
163SL-48-FA	13	(U) 832-48FB (V) ST2652FC						
171H	20	(U) TYPE28 (V) MFA-J						

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number												
190Y-15-3	34	(SM) H1942E-300	195FM	65	(SM) H1108E	230	70	(W) RPB-6												
		(U) MR8211-1			(U) UAF-1413			230A	70											
		(V) SR6-15-300			(V) FM150			230G	70											
		(W) REB-1A-1			(W) RWS-2-13															
190Y-15-5	34	(SM) H1941E-520	195FM-5	65	(V) FM147	230GA	70	(W) RPB-6H												
		(U) MR8211-2			195FM-7			65	230H	71	(W) BR2H									
		(V) SR6-15-520									195FM-9	65	230HA	71						
																230HB	70			
		230HBA	70																	
191AR-60	63			(CS)HRF1425-580	195HE-150	64	(SM) H1952D-580	230HBG	70											
				(FP)HRF1480-580-FB			(U) CEF14-8			230HBGA	70	(V) BFH-50								
				(U) FR1413			(V) HSR2537-580					230HG	71	(W) RPB-6HG						
		(V) HRF2425-580	(W) RFS-5-P	230HGA			71							(W) BR2HG						
(W) REF-3-PG		230HGMYA	71		(W) BR72HG															
191AR-60-6HCS	66				(CS) 0781-2743	195TAR-60		64	(SM) H1760-580	24-0007	80			(S) N20						
					(FP) HRF1480-580FPH				(V) HVTS2570-580			24-0008	80	(S) 7						
				(W) REF-3-PGD	(SM) H1765-320		24-0009		80					(S) N21						
		(FP) HRF1480-580FPH	(V) HVTS2570-320	24-0010	80									(W) 8						
(U) KFR1413	(V) HVTS2570-580	24-0011	80			(S) N10														
(W) REF-3-PGD	(SM) H1970-580(80SCFH)					24-0012		80		(W) 9										
191CD-60	63						(CS) HRF1480-320		196HE-150	65	(U) DEF14	24-0013	80	(S) N11						
				(FP) HRF1480-320-FB	(V) DFM150-580		24-0014				77			(W) 10						
		(U) FR1413	(W) RFD-3-P	24-0015	77									(S) A830						
		(V) HRF2480-320	(U) DEF14			24-0016		80						(W) 15						
(W) REF-4-PG	(W) RFD-3-P	24-0017	80						(S) A800											
191CD-60-6HCS	66						(CS) 0781-2745		198CD-60	67	(V) SR311-320	24-0018	80	(W) 16						
				(W) REF-4-PGD	199CD-60		67								24-0019	80	(S) NP10			
				(U) KFR13		20-1610-5		81										80	(W) 17	
		(W) REF-4-PGD	20-1675-5	81																80
191HE-150	63	(U) FR14-6							20-1710-5	81		24-0020	80							
		(V) HRF2425-580			20-1775-5		81								80	(S) NP4				
		(W) RF-3-P				210F-80		35									80	(W) 19		
			210X-80	35															80	(S) C50
191NR-70	63								210Y-15	35	(CS) SR5-60-540R	24-0021	80							(S) C51
					210X-80-A		35							(FP) FPR-150CR-540	24-0022					80
						210Y1-15-B		35								(U) ROB	24-0023			
			210Y1-15-M	35														(V) SR150CR-540	24-0024	
	210Y-15	35							(U) RO	24-0025	80	(S) S333								
194CE-100-110					69							210Y1-15-M	35	(U) RMC	24-0026					77
							210Y-15	35								(CS) SR6-15-200R	24-0027			
				227C		62												(FP) FPR-160AR-200	24-0028	
		227CG	62						(U) RMC2B	24-0029	78									
	227N				62							(V) SR160AR-200	24-0101	78	(W) 61					
							227NG	62							(U) RCAB	24-0102	78			(S) Y50
				229		70												(U) RCA	24-0103	80
		229-50-B	62						(U) RWB	24-0104	80									
	229-50-P				62							(U) RW	24-0105	80						
							229G	70							(U) RMC2	24-0106	80			
195AR-60				64		(SM) H1952D-580												210Y-15-3	35	(FP) 0387-1232
		(U) CEF1413	210Y-15-3-A			35			(W) RP305810	24-0108	78									
	(V) HSR2570-580	210Y-15-5			35							(W) RP320 SERIES	24-0109	78						
	(W) RFS-3-P						210Y-15-510	35								24-0110	80			
195AR-60-680	64			(U) KF1413														210Y-15-A	35	(W) R125
			195AR-60-6HSP	66		(SM) H1956D-320			220-50	62										
		(U) CEF1413			227C	62							24-0113	80						
		(V) HSR2570-320					227CG	62								24-0114	80			
(W) RFS-4-P	227N	62																	24-0115	80
195CD-60-6HSP			66	(U) KF1413					229	70										
				195FE	69							229-50-B	62							
							229-50-P	62								24-0118	80			
		229G				70													24-0119	80

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
24-0203	78	(S) V52 (W) 203	24-CV5TF	15	(U) TCV11 (W) CV-A10	4121		
24-0205	78	(S) V88 (W) 205	24-CV5TO	15	(U) TCV10 (W) CV-A9	4121-3	5	
24-0206	78	(S) V89 (W) 206	24-CV7PR	15	(U) TCVB (V) 0690-0011 (W) WE-60	4121FA	5	
24-0215-AR	78	(S) V454 (W) 215-AR				4121FA-3	5	
24-0306	77	(S) A842 (W) 306	24-CV7TF	15	(U) TCV-101 (V) CTF (W) CV-8L	4131	5	
24-0314	77	(S) A784 (W) 314				4131-3	5	
24-0315	77	(S) A840 (W) 315	24-CV7TO	15	(U) TCV-100 (V) CTO (W) CV-7R	4131FA	5	
24-0317	77	(S) A848 (W) 317				4131FA-3	5	
24-0318	77	(S) A850 (W) 318	24-CV8PR	15	(W) WE-62	442C	11	(U) CA79A
24-0319	77	(S) A844 (W) 319	24-CV8RF	15		442T	9	(U) WH79-2
24-0321	77	(S) A780 (W) 321	24-CV8RO	15	(W) CV-33L	442T-CV	9	
24-0411	78	(S) YV420 (W) 411	24-CV9PR	15	(W) CV-32R	442T-FA	9	
24-0415	77	(S) A876 (W) 415	24-CV9RF	15	(W) CV-31L	443C	11	(U) CA43A
24-0662P	76	(S) HTN71P (W) 662P				443T	9	(U) 43L9
24-0692P	76	(S) HTN73P (W) 692P	24-CV9RO	15	(U) RCV-101 (V) CRF (W) CV-31L	443T-CV	9	
24-0769	80	(W,S) 769				443T-FA	9	
24-0806	77	(S) A809 (W) 806				452C-175	37	(U) RUH8213 (W) RS-4-4
24-0810	77	(S) A870 (W) 810	24-CVWB	31	(U) RCV-100 (V) CRO (W) CV-30R	452C-175-F	37	
24-1690	77	(S) A802 (W) 1690	24-T-62	78	(S) C2540 (W) T-62	452C-300	37	
24-3588	80	(W,S) 3588	24-T-92	78	(S) C2580 (W) T-92	452C-300-F	37	
24-4750	80	(W,S) 4750	25-120	81		452F-125	37	
24-7322	80	(W,S) 7322	25-121	81		452F-40	37	(U) RUH8212 (W) RS-10-2
24-7323	80	(W,S) 7323	25-122	81		452IN-175	37	
24-7325	80	(W,S) 7325	25-130	81		452IN-175-F	37	(U) RUH8215A-1
24-7326	80	(W,S) 7326	25-300	81		452IN-175-F-680	37	
24-7327	80	(W,S) 7327	25-450	81		452IN-175-WO	73	
24-7328	80	(W,S) 7328	263L-21	13		452IN-300	37	(H) 25-200C-580
24-7329	80	(W,S) 7329	263L-21-CV	13		452IN-300-F	37	
24-9116	80	(W,S) 9116	263L-21-FA	13		452IN-450	37	(SM) H1935D-580 (W) RS-7-5
24-9940P	80	(W,S) 9940-P	263S-18	13		452IN-450-F	37	
24-AW-14A	78	(S) N2400 (W) AW-14A	263S-18-CV	13		452IN-450-F-680	37	
24-AW-15A	78	(S) A404 (W) AW-15A	263S-18-FA	13		452IN-80	37	(W) RS-7-3
24-AW-17	78	(S) NP73 (W) AW-17	27-0005	81		452X-175	37	(U) RUH8210 (W) RS-9-4
24-AW430	78	(S) C126 (W) AW430	27-1013	81		452X-80	37	(W) RS-9-3
24-AW431	78	(S) C127 (W) AW431	27-1013L	81		452Y-15	37	(U) RUH8211 (W) RS-1-1
24-CV5PR	15	(U) TCVA (W) WE-63	342T-F	9		452Y-15-3	37	(U) RUH8211-1 (W) RS-1A-1
			342T-F-CV	9		452Y-15-5	37	(U) RUH8211-2
			342T-F-FA	9		453X-175	38	
			342T-Y	9		453X-175G	38	
			342T-Y-CV	9			75	
			342T-Y-FA	9			75	
			363S-18	13				
			363S-18-CV	13				
			363S-18-FA	13				

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
453Y-15	38		672C	23	(C) 144	853SRX-125	51	(V) S350DR-024
	75				(U) 144			(W) WSR-1-1
453Y-15-3	38		672CHN	23	(K) 107D7			
	75		673C	23	(C) 164	853SRX-80	51	(V) S350CR-024
453Y-15-3G	38				(U) 164			(W) WSR-1-5
	75		673CHNP	23	(K) 106D7			
453Y-15G	38		710F-80	26	(SM) H1945E-510	853SRY-15	51	(V) S360AR-025
	75			29				(W) WSR-1-2
462TF-40	48		710X-80	26	(SM) H1940G-540	853SX-125	50	(SM) H1775C
				29				(V) S350D-024
591H-1500	33	(V) SR4G-350	710X-80-A	26		853SX-40	50	(V) S350B-024
			710X-80G	29		853SX-80	50	(V) S350C-024
591H-3000	33	(V) SR4J-350	710Y-15	26	(SM) H1944F-200	853SY-15	51	(SM) H1779C
591H-750	33	(V) SR4F-350		29			50	(V) S360A-025
591IN-1500	33	(SM)HB1883-580	710Y-15-5	26	(SM) H1941E-520	853X-125	39	(CS)RC350-125-540
				29			75	(FP)350-125-540-FB
			710Y-15G	29				(V) SR350D-540
		(1000psi)	7120	6		853X-125G	39	
		(V) SR4G-580	7170FA	6			75	
		(W) RS-11-15	7130	6		853Y-15	39	(CS)RC350-15-510
591IN-1500-680	33	(SM) HB1893-680	7130FA	6			75	(FP)350-15-510-FB
			72-PT	7				(V) SR360A-510
		(1000psi)	72-PT-FA	7		853Y-15-3	39	(CS)RC350-15-300
		(V) SR4G-680	72-PTC	7			75	(V) SR360A-300
591IN-3000	33	(SM) H803-580	72-PTC-FA	7		853Y-15-3G	39	
		(2500psi)	752X-80	75		853Y-15-3G	75	
		(V) SR4J-580	752X-80G	75		853Y-15G	39	
		(W) RS-11-20	752Y-15	75			75	
		(2000psi)	752Y-15G	75		871H	20	
591IN-3000-680	33	(V) SR4J-680	753X-125	75		871M	17	(U) UM17
			753X-125G	75			20	(V) UM-J
591IN-4500-680	33	(V) SR4K-680	753Y-15	75		871W	17	(U) Type 17E
			753Y-15G	75		872H	20	
			772C	23	(P) 4202	872M	17	(U) UM13
		(600psi)			(U) 4202		20	(V) UM-1
591IN-750	33	(SM) HB1882-580	791AR-60	63	(SM) H2051-580	872W	17	(U) Type 13E
			791AR-60-6HSP	66	(SM) H2051-580-H			(V) ET, ET1
		(V) SR4F-580	853F-80	39	(CS) RC350-40-510LP	873H	20	
591Q-1500	33	(V) SR4G-346	853LCRCD-125	40	(V) SR361B-510	873M	17	
					(V) LC350DR-320		20	
591Q-1500-347	33	(V) SR4G-347	853LCRIN-125	40	(V) LC350DR-580	873W	17	(U) Type 4E
			853LCRX-125	40	(V) LC350DR-540			
591Q-3000	33	(V) SR4J-346	853LF-125	54	(V) L361D-250	875HEL	21	(U) Type VHE
591Q-3000-347	33	(V) SR4J-347	853LX-125	54	(W) WMR-3-3	875HRB	21	(V) Type 55 Elbow
			853LY-15	54	(V) L350D-250			(U) Type VH
591Q-4500-347	33	(V) SR4K-347	853SF-80	50	(W) WMR-3-3	876M	21	(V) Type 55 Head
			853SRIN-125	51	(V) L360A-250			(U) UM12-1
591X-1500	33	(V) SR4G-540	853SRIN-80	51	(W) WMR-3-1	881W	18	(V) Type 55 Mixer
		(W) RS-9-15			(V) S361C-025	881W-TT	18	
591X-3000	33	(V) SR4J-540			(V) S361CR-025	882W	18	
		(W) RS-9-20 (2000psi)			(W) WSR-1-3	883TE	18	(U) Type1E
591X-750	33	(V) SR4F-540			(V) S350DR-034	883TEMFA	18	(V) TEMFA
63L-4	7	(U) KR830-21			(W) WSR-1-8	883TEMFN	18	(V) TEMFN
63L-4FA	7	(U) KR830-21FB			(V) S350CR-034	883TEN	18	(V) TEN
		(V) Cutter Select			(W) WSR-1-7	883W	18	(V) UN
63L-5	7	(U) KV830-21				9-WG1P	81	
63L-5FA	7	(U) KV830-21FB						
		(V) Cutter Select						

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INDEX & COMPARISON CHART

Welding & Cutting Apparatus Chart

Industrial Gas Apparatus

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
C-1	79	(S) KT10	G15-200	74		GP31X	75	(V) 1429-0056
		(W) C-1	G15-3MEF	74		GP31Y	75	(V) 1429-0057
C-5	79	(S) KT28	G15-400	74	(V) 1424-0149	GP32X	75	(V) 1429-0066
		(W) C-5	G15-4000	74	(V) 1424-0150	GP32Y	75	(V) 1429-0067
CK-0	79	(W) CK-0	G17	18	(V) UN-J+TEN	GR15-3MEF	72	(W) WG-18-4000W
CK-1SP	79	(S) RK6	G17-FT	19	(U) TYPE 17 #9	GR15-4000	74	(V) 1424-0001
		(W) CK-1			(V) EF-J	GR15-4000G	74	
CK-20SP	79	(S) RK5	G17-VMA-1	19	(U) TYPE 17 #30	GR20B-F100	74	
		(W) CK20				GR20B-F200	74	
CK-22SP	79	(W) CK-22	G20-030RL	74	(V) 1424-0257	GR20B-F400	74	
CK-24SP	79	(S) RK24	G20-050CF	74	(V) 1424-0002	GR20B-F600	74	
		(W) CK-24	G20-060	74		GRST-LP	26	(SM) 249-500
CK-26SP	79	(S) RK26	G20-100	74	(V) 1424-0259			(U) RP3B
		(W) CK26	G20-1500	74		GRST-X	26	(SM) 249-499
CK-5SP	79	(S) RK27	G20-200	74				(U) RPO3B
		(W) CK-5	G20-300	74		GX15	74	(V) 1429-0029
CRT10	6		G20-3000	74		GX20	74	(V) 1429-0027
CRT20N	73		G20-400	74	(V) 1424-0261	GX25	74	(V) 1429-0028
CRT40N	73		G20-4000	74	(V) 1424-0284	HQ14-012	73	
CY10-MC	6		G20-600	74		HST18-06	26	(SM) 13254-4-6
CY20-540	6		G20-6000	74				(U) ARTH6B
CY20-580	73		G20B-030RL	74	(V) 1424-0013	HST18-12	26	(SM) 13254-4-12
CY40-580	73		G20B-100	74	(V) 1424-0015			(U) ARTH12B
FA10RF	16		G20B-200	74	(V) 1424-0016	HW23-012	81	
FA10RO	16		G20B-3000	74		HW23-T015	81	
FA20PF	16		G20B-400	74	(V) 1424-0017	HW23-T020	81	
FA20PO	16		G20B-4000	74	(V) 1424-0019	HW24-050	81	
FA23RF	16		G20B-600	74		HW24-T020	81	
FA23RO	16		G20B-F030R	74		HW24-T025	81	
FA5RF	16	(U) RFAM101	G20B-F100	74		HWB-10CV	31	(FP) VF-10-RH
FA5RO	16	(U) RFAM100	G20B-F200	74		KCMA04SP	28	
FA5RPR	16	(U) RFAA	G20B-F400	74		KCMA16-BSP	28	
FA5TF	16	(U) TFAM101	G20B-F4000	74		KCMA16SP	28	
FA5TO	16	(U) TFAM100	G25B-030RL	74	(V) 1424-0035	KCMA16TCSP	28	
FA5TPR	16	(U) TFAA	G25B-100	74	(V) 1424-0036	KCMA26SP	28	
FA7RF	16	(U) RFA101	G25B-200	74	(V) 1424-0039	KCMP16SP	28	
		(V) FB-FR	G25B-3000	74		KSTA04SP	25	(SM) 23-1007A
		(W) FA-230-P	G25B-400	74	(V) 1424-0046			(U) ART1007A
FA7RO	16	(U) RFA100	G25B-4000	74		KSTA06-H12SP	25	(SM) 23-1020
		(V) FB-OR	G25B-60	74	(V) 1424-0034			(U) ART1020
		(W) FA-130-P	G25B-600	74		KSTA06SP	25	(SM) 23-1012
FA7RPR	16	(CS) FBR-2	G25B-6000	74				(U) ART1012
		(U) RFAB	G25B-F030R	74		KSTA16B-H12SP	25	
		(V) FBR-1	G25B-F100	74		KSTA16-BSP	25	(SM) 23-1003B
		(V) FPRA	G25B-F200	74				(U) ART1003B
		(W) FA-30	G25B-F400	74		KSTA16-H12SP	25	
FA7TF	16	(U) TFA101	G25B-F4000	74		KSTA16SP	25	(SM) 23-1003
		(V) FB-F	G25B-F600	74				(U) ART1003
		(W) FA-200-P				KSTA16TC-H12SP	25	
FA7TO	16	(U) TFA100	GKNT20-T	73		KSTA16-TCSP	25	(SM) 23-1004A
		(V) FB-O	GKNT20-TC	73				(U) ART1004A
		(W) FA-100-P	GKNT40-T	73		KSTP06-H12SP	25	(SM) 23-1020LP
FA7TPR	16	(CS) FBT-2	GKNT40-TC	73				(U) ART1020LP
		(FP) FPTA	GMTR	19	(U) MTR	KSTP14-540SP	25	(U) ART1014
		(U) TFAB	GMTT	19	(U) MTT	KSTP14-TSP	25	(SM) 23-1014
		(V) FB-1	GMTW-1	19	(U) MTW #1	KSTP16-H12SP	25	
FA7TPR	16	(W) FA-10	GMTW-2	19	(U) MTW#2	KSTP16SP	25	(SM) 23-1003P
G13-8VM	19	(U) TYPE 13 #8 VM	GP20X	75	(V) 1429-0068			(U) ART1003P
G13-8VM	19	(V) DEF-J	GP20Y	75	(V) 1429-0069	KSTP16TC-H12SP	25	
G15-030RL	74	(V) 1424-0147	GP21X	75	(V) 1429-0068	MC105A	14	(U) 67-6TV
G15-100	74	(V) 1424-0148	GP21Y	75	(V) 1429-0069	MC105AR	14	(U) 67-6TV
								(V) MT5

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
MC105F	14	(U) 67F-6Z	QC-HTPR	15	(FP) FPKC	RNP15-3	76	(S) NP189
MC105FR	14	(U) 67F-6TV			(K) WZO			(W) 15-3
		(V) MTN5			(V) KC-1	RNP15-3SF	76	(S) NP189R
MC205A	14	(U) 67-6			(W) QDB10			(W) 15-3SF
		(V) MT204A				RNP16-8	76	(S) NP128
MC205AR	14		QC-HTX	15	(K) ZOSP-1			(W) 16-8
MC205F	14	(U) 67F-6			(V) KCO	RNP16-8SF	76	(S) NP128R
MC205FR					(W) QDB12			(W) 16-8SF
MC210A	14	(U) 67	QC-HTX-F	15	(K) AS-1	RNP300-3	76	(S) NP435
MC210AR	14	(U) 67-R			(W) QDB101			(W) 300-3
		(V) MT210A	QC-HTX-M	15	(K) ZOP-1	RNP300-3SF	76	(S) NP435R
MC210F	14	(U) 67F			(W) QDB100			(W) 300-3SF
MC210FR	14	(U) 67F-R	QC-RHF	15	(K) ZGSP-2	RNP305-3A	76	(S) NP414
		(V) MT210N			(W) QDB31			(W) 305-3A
MC310A	14	(U) 67-T	QC-RHF-A	15		RNP305-3ASF	76	(S) NP414R
MC310AR	14	(U) 67-TR	QC-RHF-F	15	(K) GS-2			(W) 305-3ASF
		(V) MT310A			(W) QDB206	RNP347-3	76	(S) NP765
MC310F	14	(U) 67F-T	QC-RHF-F-A	15				(W) 347-3
MC310FR	14	(U) 67F-TR	QC-RHF-M	15	(K) ZAP-2	RNP347-3SF	76	(S) NP765R
		(V) MT310N			(W) QDB205			(W) 347-3SF
MC318A	14	(U) 67-TL	QC-RHF-M-A	15		RNP615-25SF	76	
MC318AR	14	(U) 67-TRL	QC-RHPR	15	(K) WZG	RNP615-3	76	(S) NP190W
		(V) MT318A			(W) QDB30			(W) 615-3
MC318F	14	(U) 67F-TL	QC-RHPR-A	15		RNP615-3SF	76	(S) NP190WR
MC318FR	14	(U) 67F-TRL	QC-RHX	15	(K) ZGSP-1			(W) 615-3SF
		(V) MT318N			(W) QDB32	RNP61-SF	76	
MC-BCHA	14	(V) BHA 2	QC-RHX-A	15		RNP66	76	(S) NP211
MC-HT-BCHA	14	(V) 0304-0060	QC-RHX-F	15	(K) GS-1			(W) 66
MT100-16	14				(W) QDB106	RNP66-SF	76	(S) NP211R
MT200-16	14		QC-RHX-F-A	15				(W) 66-SF
MT300-16	14		QC-RHX-M	15	(K) ZAP-1	RNP680-3	76	(S) NP843
QC-HHF	15	(K) ZASP-2			(W) QDB105			(W) 680-3
		(W) QDB21	QC-RHX-M-A	15		RNP680-3SF	76	(S) NP843R
QC-HHF-A	15							(W) 680-3SF
QC-HHF-F	15	(K) AS-2	R110-56	76	(S) F6	RNP83	76	(S) NP168
		(W) QDB201			(W) S-3			(W) 83
QC-HHF-F-A	15		R120-56	76		RNP83SF	76	(S) NP168R
QC-HHF-M	15	(K) ZAP-2	R195-03	78				(W) 83SF
		(W) QDB205	R230-03	78		RNPCO3	76	(S) NP147
QC-HHF-M-A	15		R231-12	78	(S) A115			(W) CO-3
QC-HHPR	15	(K) WZA	R231-12	78	(W) 543	RNPCO3-SF	76	(S) NP147R
		(W) QDB20	RB205-1BT	72	(W) RPB-5-1BT			(W) CO-3SF
QC-HHPR-A	15		RB205-1F	72	(W) RPB-5-1F	RNPCO5	76	(S) W6
QC-HHX	15	(K) ZASP-1	RB205-1FV	72	(W) RPB-5-1FV			(W) CO-5
		(W) QDB22	RB205-1L	72	(W) RPB-5-1L	RNPCO6N	76	(S) W8
QC-HHX-A	15		RB205-1N	72	(W) RPB-5-1N			(W) CO-6N
QC-HHX-F	15	(K) AS-1	RB205-1P	72	(W) RPB-5-1P	RNPOR-11	76	(S) OR580
		(W) QDB101	RB205-1V	72	(W) RPB-5-1V			(W) 615-0
QC-HHX-F-A	15		RB205-1X	72	(W) RPB-5-1X	RNT14-2	76	(W) 14-2
QC-HHX-M	15	(K) ZAP-1	RB205-2V	72	(W) RPB-5-2V	RNT15-2	76	(S) N69
		(W) QDB105	RB232	72				(W) 15-2
QC-HHX-M-A	15		RB234	72		RNT16-2	76	(S) N56
QC-HTF	15	(K) ZOSP-2	RB236	72	(W) TH1			(W) 16-2
		(V) KCF	RB237	72	(W) BRC	RNT300-2	76	(S) N70
		(W) QDB11	RNP14-3	76	(S) NP753			(W) 300-2
QC-HTF-F	15	(K) AS-2			(W) 14-3	RNT305-2	76	(S) N57
		(W) QDB201	RNP14-3SF	76	(S) NP753R			(W) 305-2
QC-HTF-M	15	(K) ZOP-2	RNP15-23SF	76	(W) 14-3SF	RNT347-2	76	(W) 347-2
		(W) QDB200				RNT62	76	(S) N71
								(W) 62

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
RNT680-2	76	(S) N680 (W) 680-2	TF7000	73				
RNT82	76	(W) 82	TW146	73				
RNT92	76	(S) N73 (W) 92	WB-500T	31	(FP) RHT-500			
RNT92-HT	76	(S) N73P (W) 692	WBK-500	31	(FP) HT-500FP (U) WB500			
RNT93	76	(S) N74 (W) 93						
RNTCO2	76	(S) N61 (W) CO2						
ROB134	78	(S) B26 (W) 134						
RNPCO5	76	(S) W6 (W) CO-5						
RNPCO6N	76	(S) W8 (W) CO-6N						
RNPOR-11	76	(S) OR580 (W) 615-0						
RNT14-2	76	(W) 14-2						
RNT15-2	76	(S) N69 (W) 15-2						
RNT16-2	76	(S) N56 (W) 16-2						
RNT300-2	76	(S) N70 (W) 300-2						
RNT305-2	76	(S) N57 (W) 305-2						
RNT347-2	76	(W) 347-2						
RNT62	76	(S) N71 (W) 62						
RNT680-2	76	(S) N680 (W) 680-2						
RNT82	76	(W) 82						
RNT92	76	(S) N73 (W) 92						
RNT92-HT	76	(S) N73P (W) 692						
RNT93	76	(S) N74 (W) 93						
RNTCO2	76	(S) N61 (W) CO2						
ROB134	78	(S) B26 (W) 134						
ROB135	78	(S) B27 (W) 135						
ROB316	78	(S) A112 (W) 540						
ROB32	78	(S) B28 (W) 32						
ROB33	78	(S) B29 (W) 33						
ROB34	78							
ROB48F	78	(S) FA1652						
ROB532	78							
RP-2HP	72	(W) P-2HP						
RP-4HP	72	(W) P-4HP						
T10-82B	29							
T10-83B	29							
T110-26	30							
T110-27	30							

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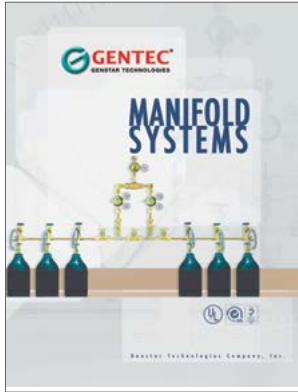
Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP
VICTOR® to GENTEC®			(V) CA2460	143CA	10	(V) LC350DR-320	853LCRCD-125	40
(V) 0304-0060	MC-HT-BCHA	14	(V) CF253-320	190CD-45	60	(V) LC350DR-540	853LCRX-125	40
(V) 0690-0011	24-CV7PR	15	(V) Contender	1138FA	3	(V) LC350DR-580	853LCRIN-125	40
(V) 0690-0012	24-CV9PR	15	(V) CRF	1138FA-3	3	(V) MFA	173H	20
(V) 100C	142T	8	(V) CRO	24-CV9RF	15	(V) MFA-1	172H	20
(V) 100FC	142T-FA	8	(V) CRO	24-CV9RO	15	(V) MFA-J	171H	20
(V) 10-1-MFTA	173MFTA-10	14	(V) CST800C	161S-17	12	(V) MFN	173HN	20
			(V) CST800FC	161S-17-FA	12	(V) MFN-1	172HN	20
			(V) CTF	24-CV7TF	15	(V) MFN-J	171HN	20
(V) 10-1-MFTN	173MFTN-10	14	(V) CTO	24-CV7TO	15	(V) MT204A	MC205A	14
			(V) Cutter Select	63L-4FA	7	(V) MT210A	MC210AR	14
				63L-5FA	7	(V) MT210N	MC210FR	14
(V) 1-101	173C	22	(V) DEF-J	G13-8VM	19	(V) MT310A	MC310AR	14
(V) 1-118	173CG	22	(V) DFM150-580	196AR-60	65	(V) MT310N	MC310FR	14
(V) 12-1-MFTA	173MFTA-12	14	(V) EF-J	G17-FT	19	(V) MT318A	MC318AR	14
			(V) ET	873W	17	(V) MT318N	MC318FR	14
			(V) ET, ET1	872W	17	(V) MT5	MC105AR	14
(V) 1-234	173CGN	22	(V) FB-1	FA7TPR	16	(V) MTHN	173CHN	22
(V) 1424-0001	GR15-4000	74	(V) FB-F	FA7TF	16	(V) MTHP	173CHP	22
(V) 1424-0002	G20-050CF	74	(V) FB-FR	FA7RF	16	(V) MTN5	MC105FR	14
(V) 1424-0013	G20B-030RL	74	(V) FB-O	FA7TO	16	(V) Performer	1121FA	2
(V) 1424-0015	G20B-100	74	(V) FB-OR	FA7RO	16		1121FA-3	2
(V) 1424-0016	G20B-200	74	(V) FBR-1	FA7RPR	16	(V) Portable Torch	12-PT	6
(V) 1424-0017	G20B-400	74	(V) FM137	195FM-9	65		12-PTC	6
(V) 1424-0019	G20B-4000	74	(V) FM147	195FM-5	65	(V) RTE	173WRTE	18
(V) 1424-0034	G25B-60	74	(V) FM150	195FM	65	(V) RTEN	173WRTE	18
(V) 1424-0035	G25B-030RL	74	(V) FPRA	FA7RPR	16	(V) S250B-024	152SX-40	49
(V) 1424-0036	G25B-100	74	(V) GPM	173CM	22	(V) S250B-034	152SIN-40	49
(V) 1424-0037	G25B-4000	74	(V) GPN	173CN	22	(V) S250C-024	152SX-80	49
(V) 1424-0039	G25B-200	74	(V) GPP	173CP	22	(V) S250C-034	152SIN-80	49
(V) 1424-0046	G25B-400	74	(V) HD310C	143TLH	8	(V) S250D-024	152SX-125	49
(V) 1424-0147	G15-030RL	74	(V) HRF2425-580	191AR-60	63	(V) S250D-034	152SIN-125	49
(V) 1424-0148	G15-100	74		191HE-150	63	(V) S260A-025	152SY-15	49
(V) 1424-0149	G15-400	74	(V) HRF2480-320	191CD-60	63	(V) S261C-025	152SF-80	49
(V) 1424-0150	G15-4000	74	(V) HSR2537-580	195HE-150	64	(V) S261D-025	152SF-125	49
(V) 1424-0257	G20-030RL	74	(V) HSR2570-320	195CD-60	64	(V) S350B-024	853SX-40	50
(V) 1424-0259	G20-100	74	(V) HSR2570-580	195AR-60	64	(V) S350C-024	853SX-80	50
(V) 1424-0261	G20-400	74	(V) HVTS2570-320	195TCD-60	64	(V) S350CR-024	853SRX-80	51
(V) 1424-0284	G20-4000	74	(V) HVTS2570-580	195TAR-60	64	(V) S350CR-034	853SRIN-80	51
(V) 1429-0027	GX20	74	(V) HVTS2570-580	195THE-150	64	(V) S350D-024	853SX-125	50
(V) 1429-0028	GX25	74	(V) J100C	141T	8	(V) S350DR-024	853SRX-125	51
(V) 1429-0029	GX15	74	(V) J-28	140T	8	(V) S350DR-034	853SRIN-125	51
(V) 1429-0056	GP31X	75	(V) Journeyman	1130FA	4	(V) S360A-025	853SY-15	50
(V) 1429-0057	GP31Y	75		1130FA-3	4	(V) S360AR-025	853SRY-15	51
(V) 1429-0066	GP32X	75	(V) Journeyman II	1131FA	4	(V) S361C-025	853SF-80	50
(V) 1429-0067	GP32Y	75		1131FA-3	4	(V) S361CR-025	853SRF-80	51
(V) 1429-0068	GP21X	75	(V) Journeyman Select	13-OSFA	7	(V) S700D-996	155SX-125	52
(V) 1429-0069	GP21Y	75		13-OSAFSA	7	(V) S710A-997	155SY-15	52
(V) 2461	143ACA	10	(V) KC-1	QC-HTPR	15	(V) S711C-997	155SF-80	52
(V) 2462	143SCA	10	(V) KCF	QC-HTF	15	(V) SFG250-034	152SIN-40FG	49
(V) 3-101	172C	22	(V) KCO	QC-HTX	15	(V) SR150CR-540	210X-80	35
(V) 310C	143TL	8	(V) L250D-250	152LX-125	53	(V) SR160AR-200	210Y-15	35
(V) 3-118	172CG	22	(V) L260A-250	152LY-15	53	(V) SR250C-540	152X-80	36
(V) 315C	143T	8	(V) L261C-250	152LF-80	53	(V) SR250D-346	152Q-125	36
(V) 315FC	143T-FA	8	(V) L350D-250	853LX-125	54	(V) SR250D-540	152X-125	36
(V) 3-GPN	172CN	22	(V) L360A-250	853LY-15	54	(V) SR250D-580	152IN-125	36
(V) 3-GPP	172CP	22	(V) L361D-250	853LF-125	54	(V) SR252A-350	152H-15	36
(V) AF250-580	190AR-50	60	(V) L700C-750	155LF-80	55	(V) SR252B-350	152H-40	36
(V) BF-50	230G	70	(V) L700D-750	155LX-125	55	(V) SR252C-350	152H-80	36
(V) BFH-50	230HG	71	(V) L700E-750	155LX-200	55	(V) SR252D-350	152H-125	36
(V) BHA 2	MC-BCHA	14	(V) L710A-750	155LY-15	55	(V) SR260A-300	152Y-15-3	36
(V) CA1260	141C	10	(V) L711D-500	155LF-125	55	(V) SR260A-510	152Y-15	36
(V) CA1350	142C	10	(V) L711E-500	155LF-200	55	(V) SR260A-520	152Y-15-5	36

CROSS REFERENCE

Cross Reference Chart

Industrial Gas Apparatus

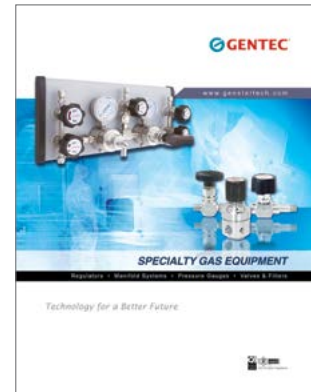
Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP
VICTOR® to GENTEC®			(V) SST900C	162S-17	12	(V) VTS700E-540	155TX-200	47
(V) SR261C-510	152F-80	36	(V) SST900FC	162S-17-FA	12	(V) VTS700MD-996	155TMIN-125	59
(V) SR311-320	199CD-60	67	(V) ST1600C	163L-21	12	(V) VTS700ME-996	155TMIN-200	59
(V) SR350D-540	853X-125	39	(V) ST1601C	163AL-21	12	(V) VTS710A-300	155TY-15-3	47
(V) SR360A-300	853Y-15-3	39	(V) ST1602C	163SL-21	12	(V) VTS710A-510	155TY-15	47
(V) SR360A-510	853Y-15	39	(V) ST1610C	163L-27	12	(V) VTS710D-580	155TIN-125	47
(V) SR361B-510	853F-80	39	(V) ST1611C	163AL-27	12	(V) VTS710E-580	155TIN-200	47
(V) SR450D-540	153X-125	41	(V) ST1612C	163SL-27	12	(V) VTS710MA-997	155TMY-15	59
(V) SR450D-580	153IN-125	41	(V) ST1630C	163L-36	12	(V) VTS711D-510	155TF-125	47
(V) SR450D-590	153Q-125	41	(V) ST1631C	163AL-36	12	(V) W	173W	17
(V) SR450E-346	153Q-200	41	(V) ST1632C	163SL-36	12	(V) W-1	172W	17
(V) SR450E-540	153X-250	41	(V) ST1650C	163L-48	12	(V) W-J	171W	17
(V) SR450E-580	153IN-250	41	(V) ST1651C	163AL-48	12			
(V) SR450MD-996	153MX-125	56	(V) ST1652C	163SL-48	12			
(V) SR450ME-996	153MX-200	56	(V) ST2600FC	163L-21-FA	12			
(V) SR452D-350	153H-125	41	(V) ST2601FC	163AL-21-FA	12			
(V) SR452E-350	153H-200	41	(V) ST2602FC	163SL-21-FA	12			
(V) SR453D-320	153C-125	41	(V) ST2610FC	163L-27-FA	12			
(V) SR453E-320	153C-200	41	(V) ST2611FC	163AL-27-FA	12			
(V) SR460A-300	153Y-15-3	41	(V) ST2630FC	163L-36-FA	12			
(V) SR460A-510	153Y-15	41	(V) ST2631FC	163AL-36-FA	12			
(V) SR460MA-997	153MY-15	56	(V) ST2632FC	163SL-36-FA	12			
(V) SR461D-510	153F-125	41	(V) ST2650FC	163L-48-FA	12			
(V) SR461MD-997	153MF-125	56	(V) ST2651FC	163AL-48-FA	12			
(V) SR4F-350	591H-750	33	(V) ST2652FC	163SL-48-FA	12			
(V) SR4F-540	591X-750	33	(V) ST900C	162L-21	12			
(V) SR4F-580	591IN-750	33	(V) ST900FC	162L-21-FA	12			
(V) SR4G-346	591Q-1500	33	(V) Super Range II	1221FA	3			
(V) SR4G-347	591Q-1500-347	33	(V) TE	1221FA-3	3			
(V) SR4G-350	591H-1500	33	(V) TEMFA	883TE	18			
(V) SR4G-540	591X-1500	33	(V) TEMFN	883TEMFA	18			
(V) SR4G-580	591IN-1500	33	(V) TEN	883TEMFN	18			
(V) SR4G-680	591IN-1500-680	33	(V) Type 55	883TEN	18			
(V) SR4J-346	591Q-3000	33	(V) Type 55 Elbow	175HN	21			
(V) SR4J-347	591Q-3000-347	33	(V) Type 55 Head	875HEL	21			
(V) SR4J-347	591Q-3000-347	33	(V) Type 55 Mixer	875HRB	21			
(V) SR4J-350	591H-3000	33	(V) UM	876M	21			
(V) SR4J-540	591X-3000	33	(V) UM-1	873M	17			
(V) SR4J-580	591IN-3000	33	(V) UN	872M	17			
(V) SR4J-680	591IN-3000-680	33	(V) UN-1	871M	17			
(V) SR4K-347	591Q-4500-347	33	(V) UN-1+TEN	883W	18			
(V) SR4K-680	591IN-4500-680	33	(V) UN-J	882W	18			
(V) SR5-60-540	190X-80	34	(V) UN-J+TEN	172WRNEN	18			
(V) SR5B-320	190C-175	34	(V) UN-J+TEN	881W	18			
(V) SR5B-580	190IN-80	34	(V) VTS250C-540	G17	18			
(V) SR6-15-300	190Y-15-3	34	(V) VTS250D-346	152TX-80	45			
(V) SR6-15-510	190Y-15	34	(V) VTS250D-580	152TQ-125	45			
(V) SR6-15-520	190Y-15-5	34	(V) VTS260A-300	152TIN-125	45			
(V) SR700D-540	155X-125	42	(V) VTS260A-510	152TY-15-3	45			
(V) SR700D-580	155IN-125	42	(V) VTS261B-510	152TY-15	45			
(V) SR700E-346	155Q-200	42	(V) VTS450D-540	152TF-80	45			
(V) SR700E-540	155X-200	42	(V) VTS450D-580	153TX-125	46			
(V) SR700E-580	155IN-200	42	(V) VTS450D-590	153TIN-125	46			
(V) SR700MD-996	155MIN-125	58	(V) VTS450E-346	153TQ-125	46			
(V) SR700ME-996	155MIN-200	58	(V) VTS450E-540	153TQ-200	46			
(V) SR702E-350	155H-200	42	(V) VTS450E-580	153TX-250	46			
(V) SR710A-510	155Y-15	42	(V) VTS453D-320	153TIN-250	46			
(V) SR710MA-996	155MY-15	58	(V) VTS453E-320	153TC-125	46			
(V) SR711D-510	155F-125	42	(V) VTS460A-300	153TC-200	46			
(V) SR7-40-510	190F-80	34	(V) VTS460A-510	153TY-15-3	46			
(V) SST1600C	163S-17	12	(V) VTS461D-510	153TY-15	46			
(V) SST2600FC	163S-17-FA	12	(V) VTS700D-540	153TF-125	46			
				155TX-125	47			



Manifold Systems



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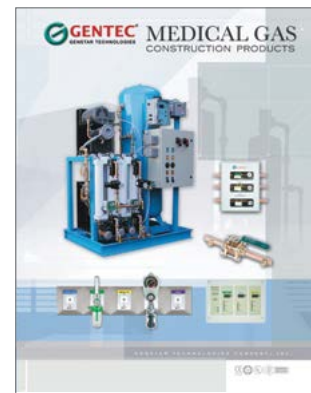
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