



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 by Genstar Technologies Company or designated service facilities of GENTEC®. 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, whether such damages result from negligence, breach of warranty or otherwise.

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

* GENTEC® 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, electropolishing 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



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



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



13-0S

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

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

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

- 140T, 141T, 142T and 143T Series feature Tube-in-a-Tube design within each torch handle

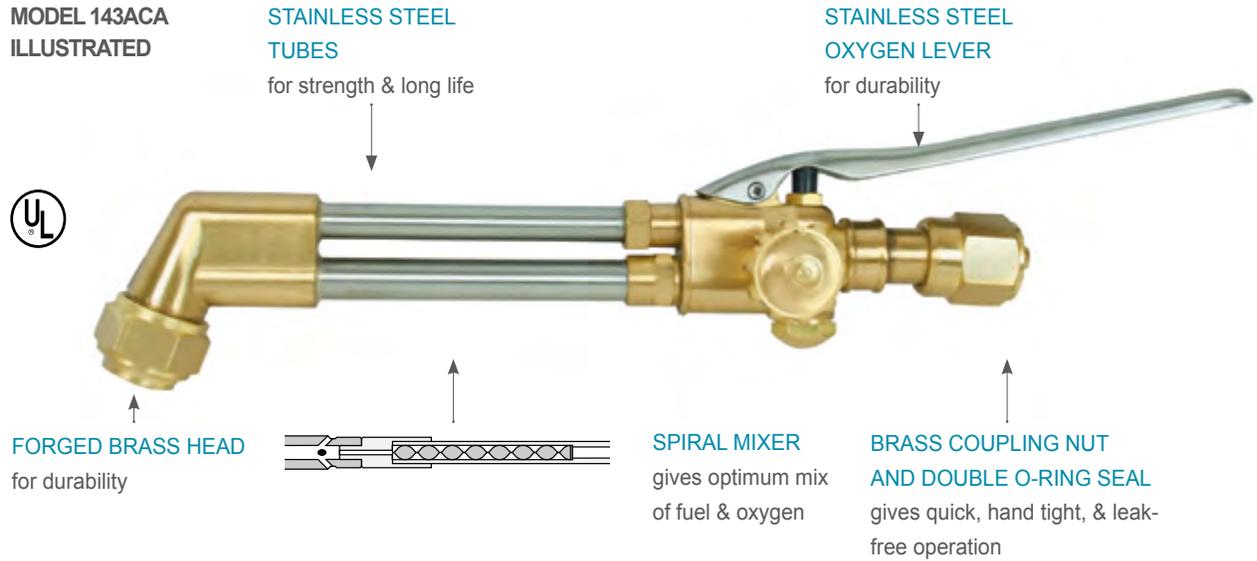


Model Number	Welding Range	Weight / Length	Victor® Equivalent	Uses Cutting Attachment	Uses Welding Nozzle	Uses Heating Nozzle
140T	1-1/4"	8-1/2 oz. 6"	J-28	141C	171W, 871W, 881W G17-VMA-1 GMTW, GMTT GMTR, G17-FT G13-8VM, G17	171H 171HN
141T	1-1/4"	13.3 oz. 7-3/4"	J-100C	141C	171W, 871W, 881W G17-VMA-1 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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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).

MODEL 143ACA ILLUSTRATED



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

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HAND CUTTING TORCHES

Industrial Gas Apparatus

FORGED BRASS HEAD
for durability

STAINLESS STEEL TUBES
for strength & Long life

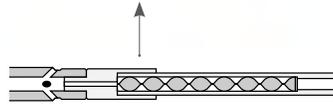
STAINLESS STEEL OXYGEN LEVER
for durability

SMOOTH OXYGEN VALVE
provides precise oxygen flow control

MODEL 163S ILLUSTRATED



SPIRAL MIXER
gives optimum mix of fuel & oxygen



ROUND BRASS HANDLE
ribbed for solid grip and operator comfort

GENTEC® Hand Cutting Torches are machined from high-quality forged brass and stainless steel components. 162 Series have a triangular tube arrangement and an in-head mixer. 163 Series feature drop-in tube mixer design.

162 Series



162S-17 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

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

163 Series



163L-21 Heavy Duty

Model Number	Cutting Range	Head Angle	Weight / Length	Victor® Equivalent	Uses Cutting Tip
163L-21	14"	90°	3.3 lbs. / 21"	ST1600C (ST2600)	173C 173CN 173CP 173CM 173CG 173CGN

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

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

Check Valves



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

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

Quick Connectors



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

- Built-in automatic reset check valves prevent reverse flow of gas by cutting off the gas under back pressure
- Oxygen and Fuel gas models are not interchangeable in order to prevent wrong connections
- Maximum working pressure: 29 PSI for fuel gases, 145 PSI for oxygen
- Gas must be shut off at regulators when disconnected
- Color-coded for fast, efficient, and safe handling
- Cannot be released with a straight pull. Complies with OSHA 29CFR 1915.55 (f)(5) and 1926.350(f)(5)
- 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.

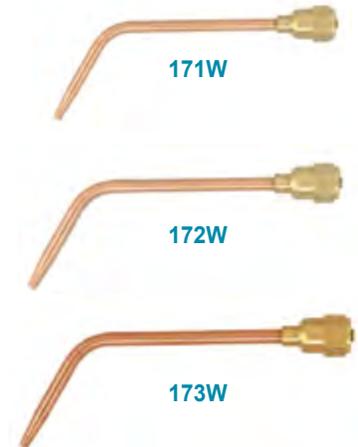
- Outlet connection: 9/16"-18LH and 3/8"-24LH are for Acetylene and Fuel gas models; 9/16"-18RH and 3/8"-24RH are for Oxygen models; 3/8"-24LH and 3/8"-24RH are available for torches and regulators only
- Sintered Metal Flame Arresting Filter quenches the flame from severe flashbacks
- Built-in automatic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

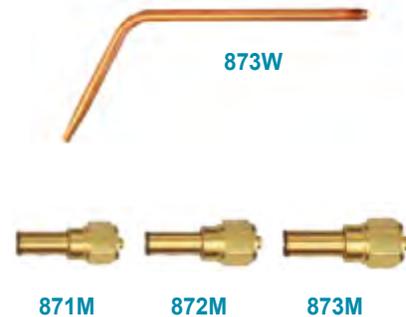
- Red copper tip ends
- Ideal for soldering, brazing, heating, hardfacing, etc.
- 171W, 172W, and 173W use one-piece elbow tips
- Victor® compatible

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		



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

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

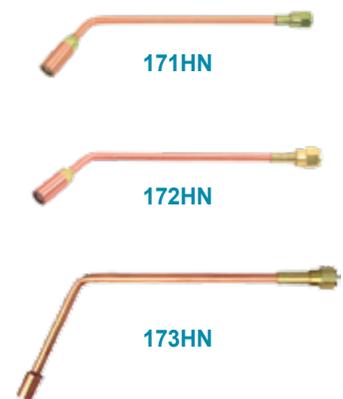
Elbow Series	Sizes Available	Mixer Model Number	Nozzle Series	Fits Torch Handles
871H	2, 4, 6	871M-7	171H	140T, 141T, 141TA, 342T-Y
872H	2, 4, 6	872M	172H	142T
	8	873M-7		
873H	4, 6, 8, 10, 12, 15	873M-10	173H	143T, 143TL, 143TLH



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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CUTTING TIPS/ BRAZING/HEATING NOZZLES Industrial Gas Apparatus

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
173C	1-101	000-8	1 PIECE	ACETYLENE
173CN	GPN	000-8	2 PIECE	NATURAL GAS/PROPANE



172C



172CN



173C



173CN

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

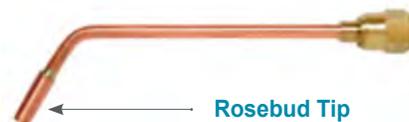


GMTT Welding Tip

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

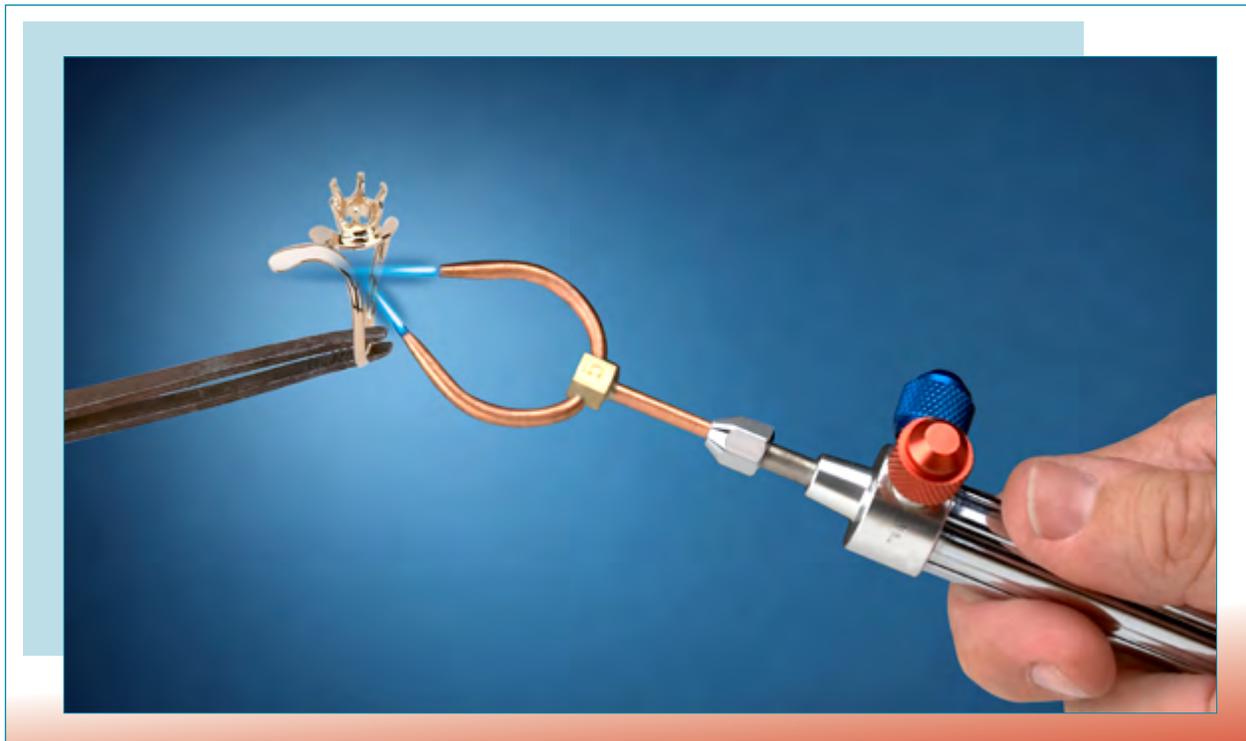


Victor® is a registered trademark of Victor Equipment Co., which is not associated with Genstar Technologies Co., Inc.

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

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

* Kits include MC Tank Wrench: 27-0005

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

*** Use with Disposable Cylinders

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

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

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

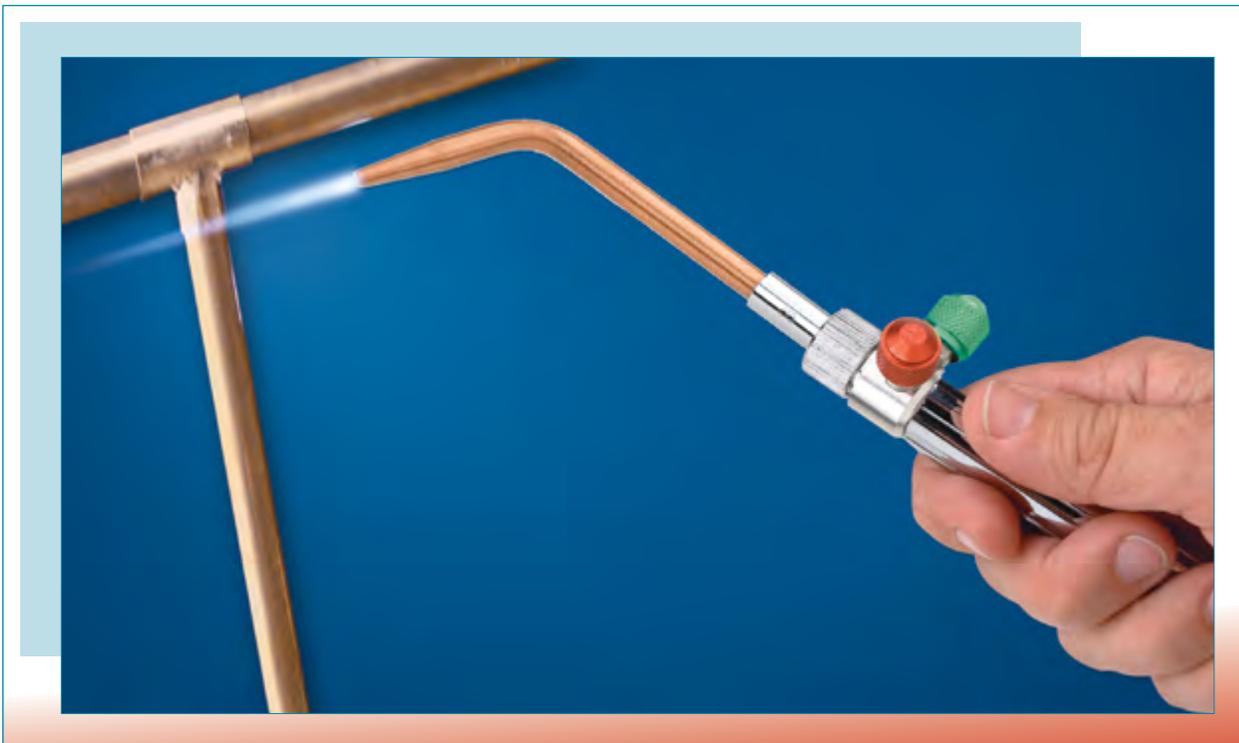


10STP-HF6

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

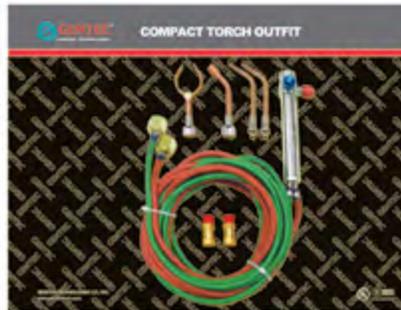


KCMA16TCSP

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

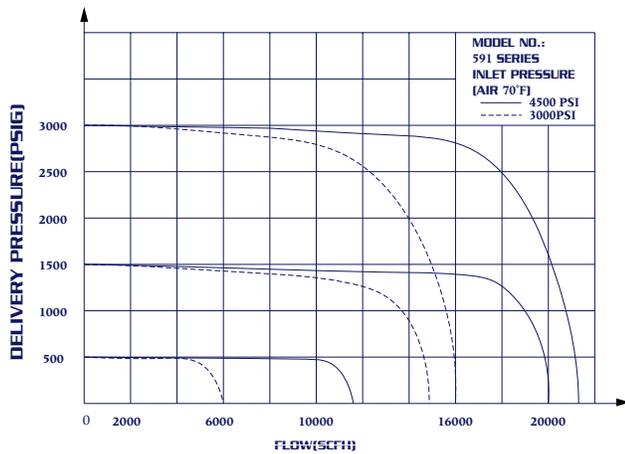
591 Series High Pressure Piston Regulators

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

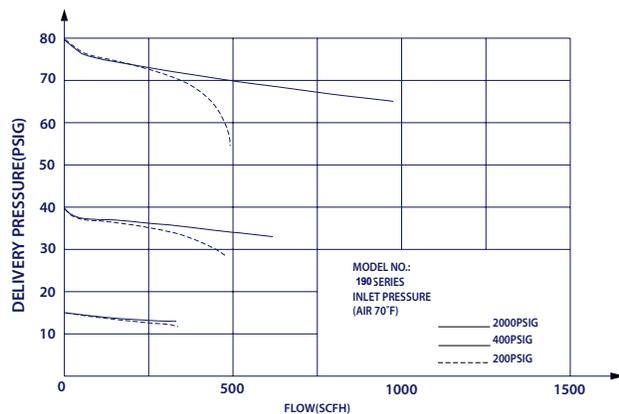
190 Series Regulators

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

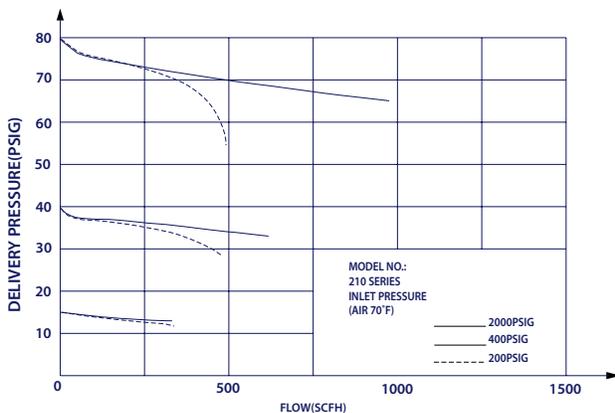
Gauge Guard Models



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

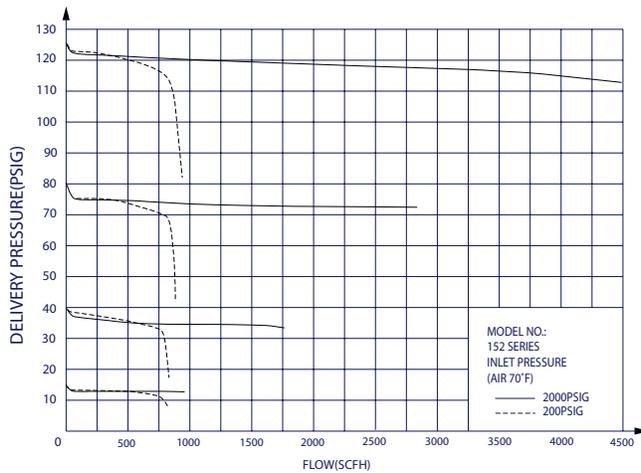
152 Series Regulators

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	CGA540	9/16" - 18RH(M)	
152Y-15	ACETYLENE	400	2-15	2", 400PSI	2", 30PSI, RL	CGA510	9/16" - 18LH(M)	
152Y-15-3						CGA300		
152Y-15-5						CGA520		
152IN-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 applications, 452 and 452M Series are Harris® style regulator with a 2-3/4" diaphragm and Victor® style seat mechanism.

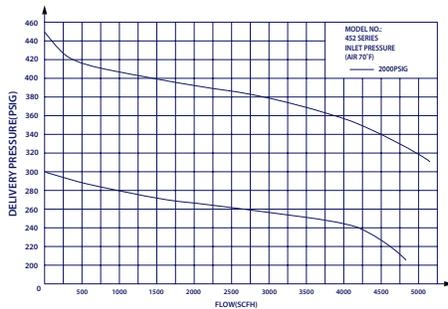
- 2" gauges for easy reading. 452M Series has a single (inlet) gauge.
- 452M Series is preset at 50PSI.
- Stem-type seat assembly for more reliable performance
- Forged brass body
- Chrome-plated housing cap for fuel gas and oxygen models
- Self re-seating external pressure relief valve on oxygen, inert gas, CO2 and nitrogen models
- Sintered bronze inlet filter
- Weight: 3 lbs
- UL listed



452



452M-50P-CGA540



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					
452M-50P-C320	CARBON DIOXIDE	3000	PRESET 50	2", 4000PSI	2", 100PSI	CGA320	DISS MALE
452M-50P-C326	NITROUS OXIDE					CGA326	
452M-50P-C346	AIR					CGA346	
452M-50P-C540	OXYGEN					CGA540	
452M-50P-C580	NITROGEN					CGA580	

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

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453 SERIES

Medium to Heavy Duty Single Stage Regulators

Industrial Gas Apparatus

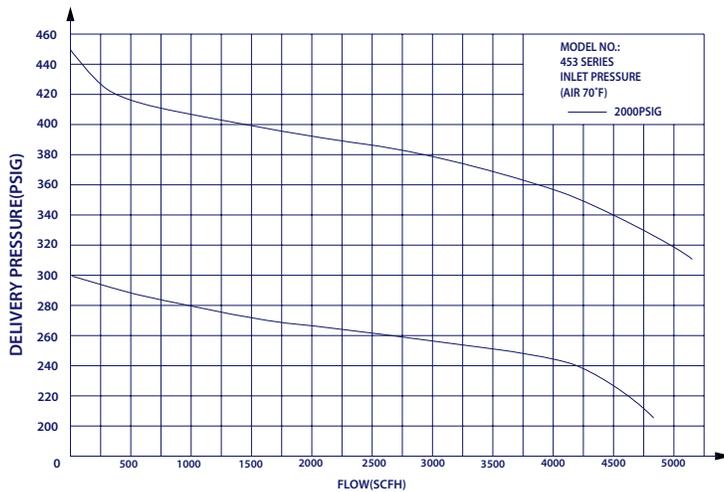
453 Series Single Stage Regulators

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

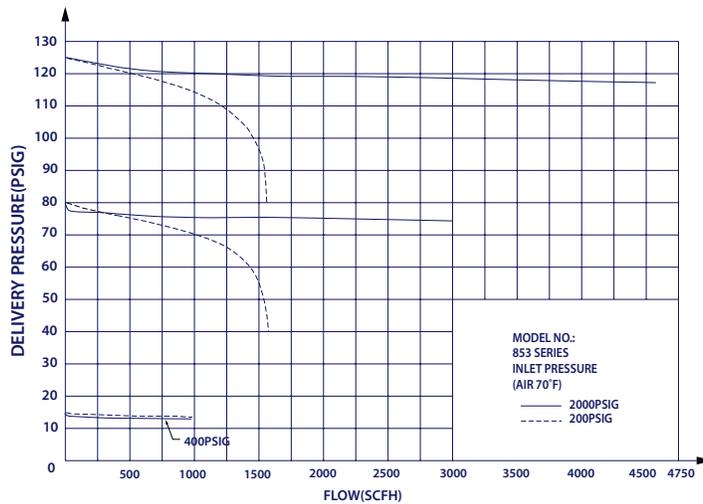
853 Series Single Stage Regulators

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

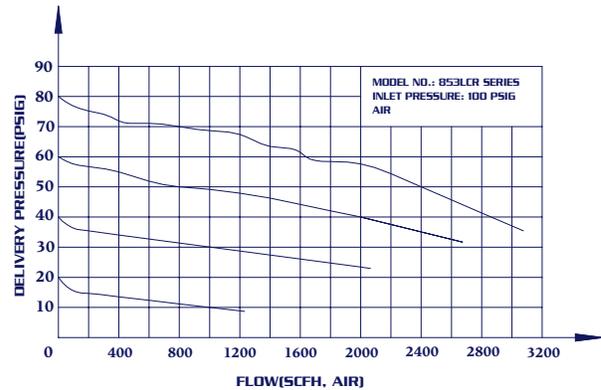
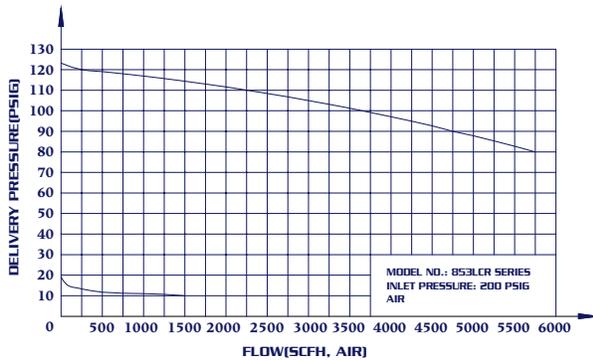
853LCR Series Single Stage Liquid Cylinder Regulators

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



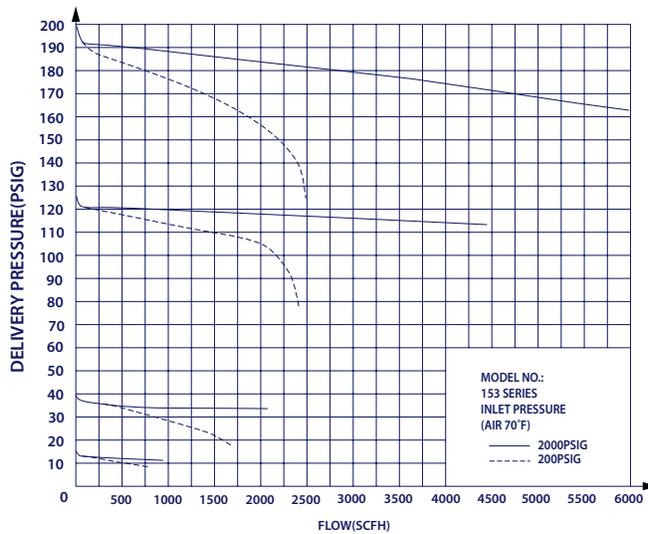
Model Number	Gas Service	Maximum Inlet Pressure (PSI)	Maximum Delivery Pressure (PSI)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
853LCRX-125	OXYGEN	500	5-125	NONE	2-1/2", 200PSI	CGA540	9-16" - 18RH(M)
853LCRIN-125	NITROGEN	500	5-125	NONE	2-1/2", 200PSI	CGA580	5/8" - 18RH(F)
853LCRCD-125	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	9/16" - 18LH(M)
153Y-15-3					CGA300		
153IN-125	INERT GAS (Ar, He, N ₂)	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA580	5/8" - 18RH(F)
153IN-250			10-250		2-1/2", 400PSI		5/8" - 18RH(F)
153IN-250-F			10-250		2-1/2", 400PSI		1/4" SAE FLARE
153Q-125	AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA590	9/16" - 18RH(M)
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

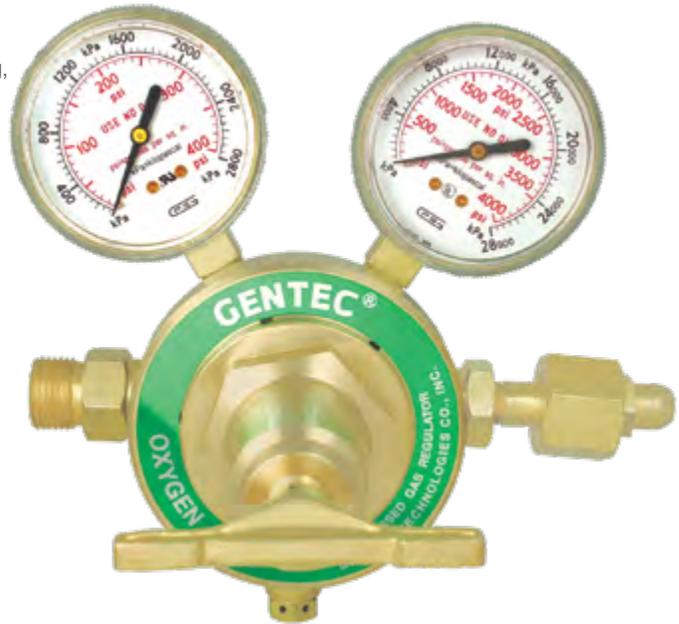
Extra Heavy Duty Single Stage Regulators

Industrial Gas Apparatus

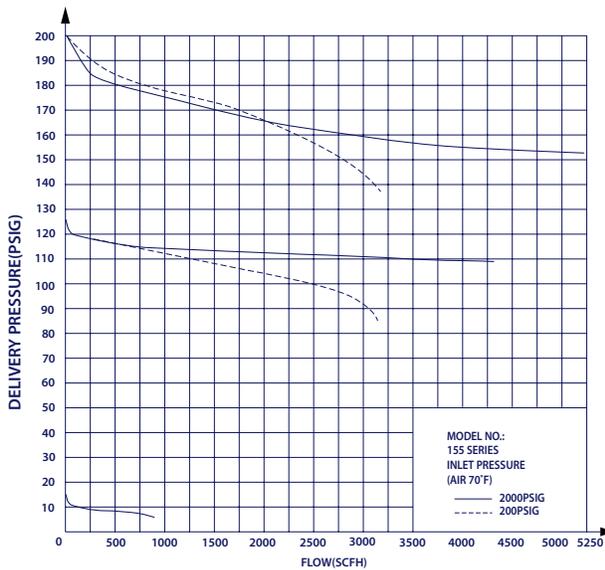
155 Series Single Stage Regulators

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

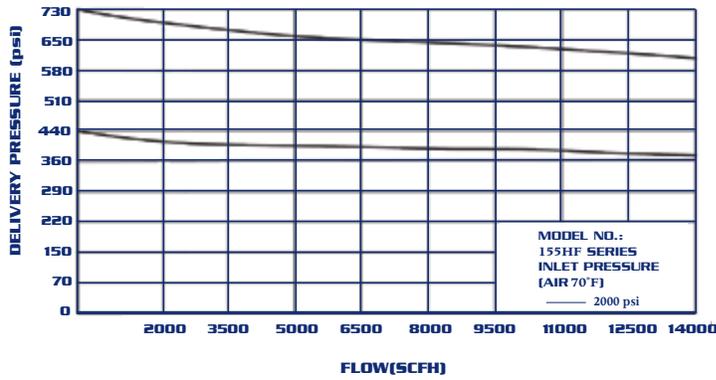
155HF Series Single Stage Regulators

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	CGA540	7/8" - 14RH(M)
155HFIN-600	Ar, He, N ₂	3000	500-800	2-1/2", 4000PSI	2-1/2", 2000PSI	CGA580	7/8" - 14RH(M)

156D SERIES

Combination Spring and Dome Loaded Regulators

Industrial Gas Apparatus

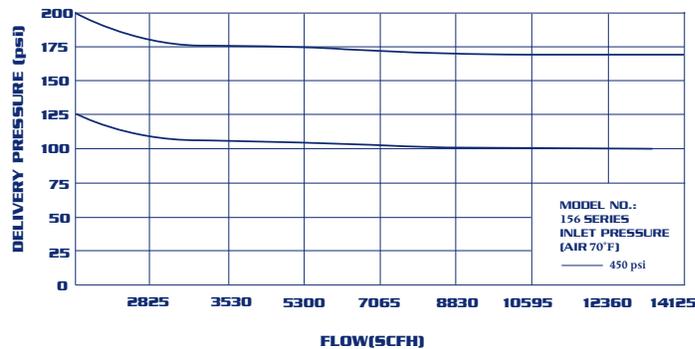
156D Series Combination Spring and Dome Loaded Regulators

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)

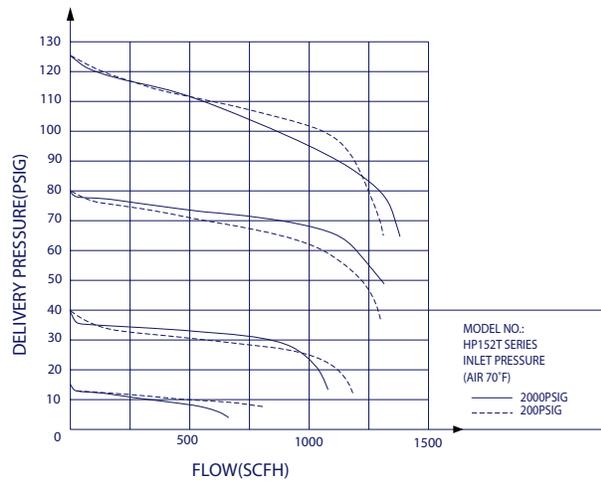
152T Series Two Stage Regulators

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

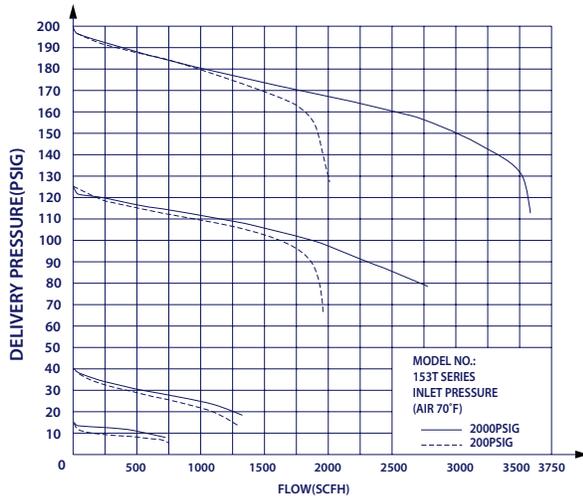
153T Series Two Stage Regulators

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

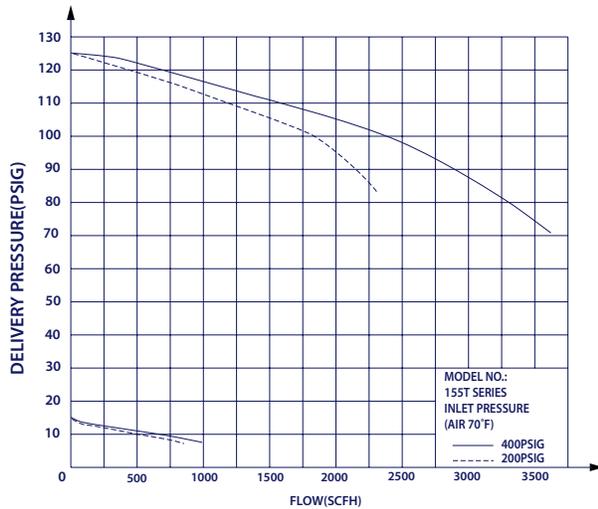
155T Series Two Stage Regulators

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

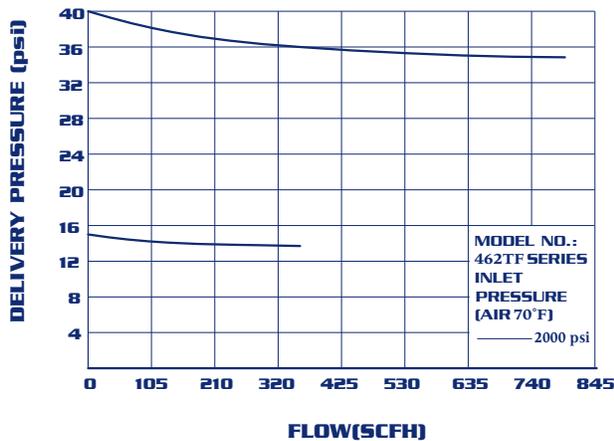
High Pressure Two Stage Regulator

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



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

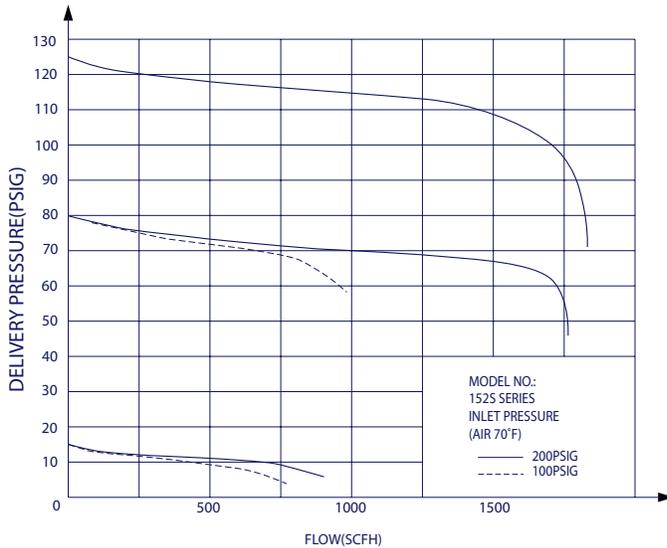
Designed for use with gas distribution systems with light to medium flow applications. Maximum inlet pressure of 200 PSIG.

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

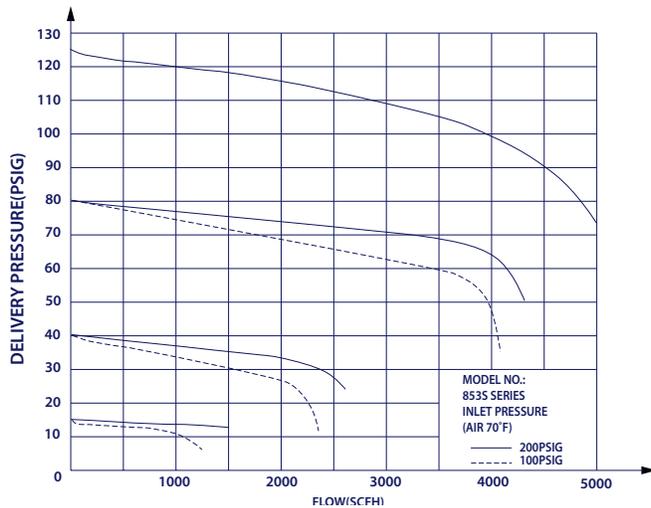
853S Series Station Regulators

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

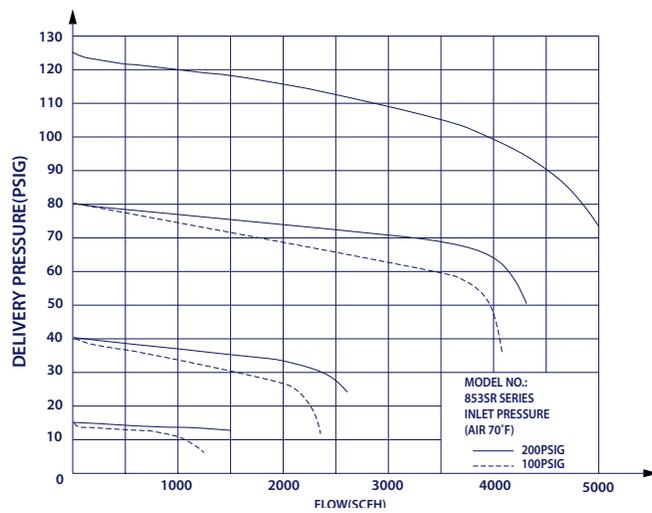
Designed for medium to high flow gas distribution systems in medium to heavy duty flow applications. Maximum inlet pressure of 200 PSIG.

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

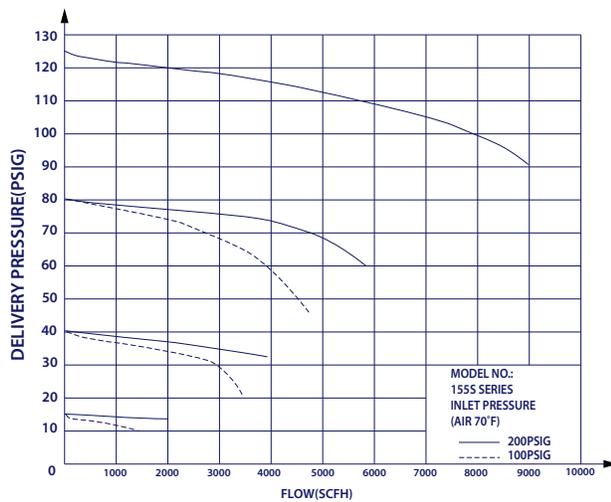
155S Series Station Regulators

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

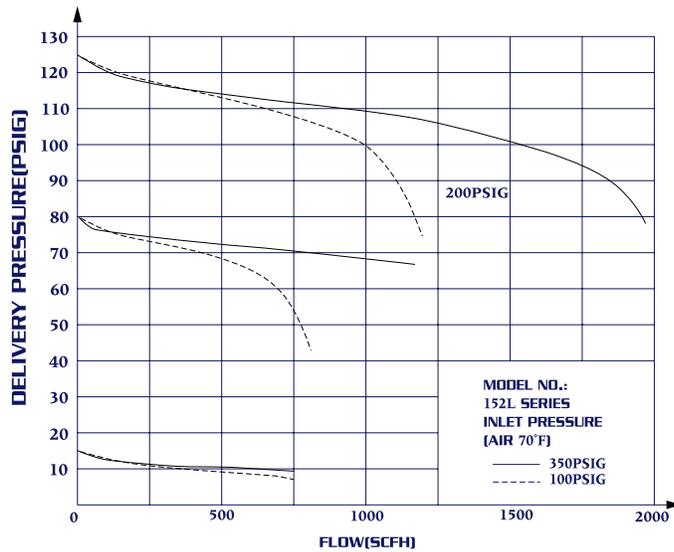
152L Series Pipeline Regulators

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

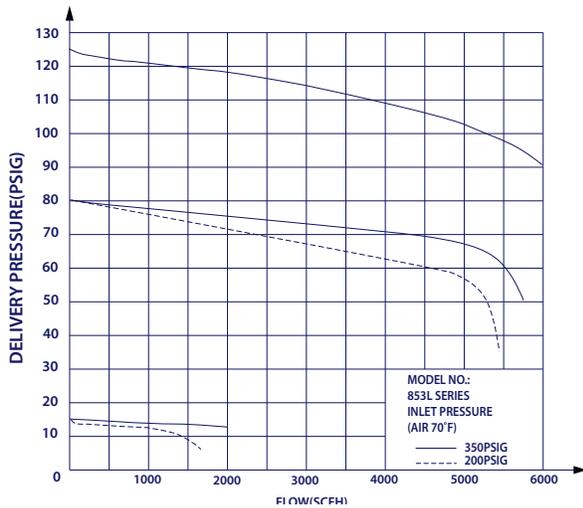
853L Series Pipeline Regulators

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

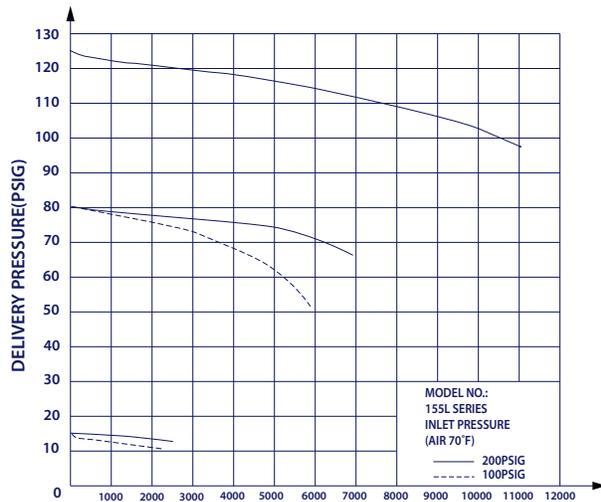
155L Series Pipeline Regulators

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

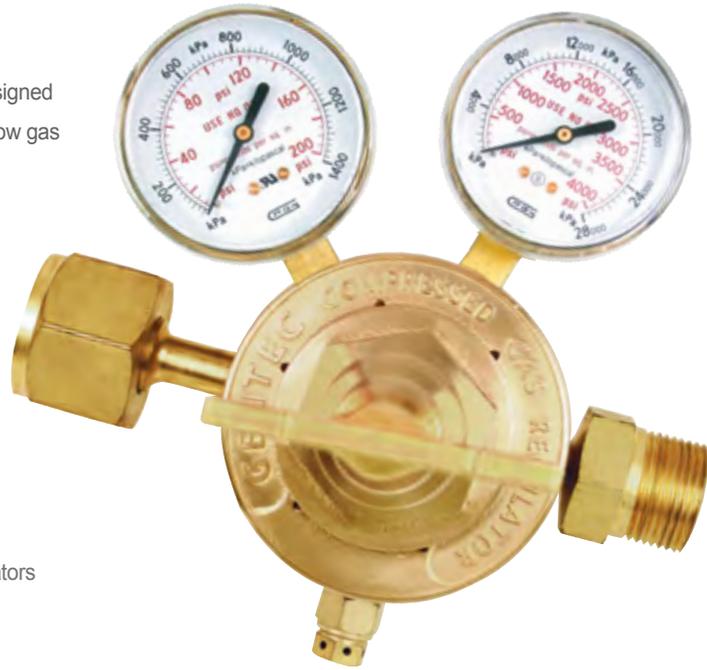
Heavy Duty Manifold Regulators

Industrial Gas Apparatus

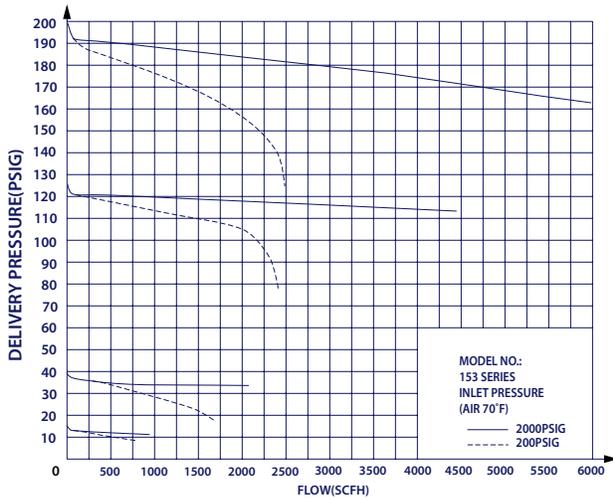
153M Series Manifold Regulators

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

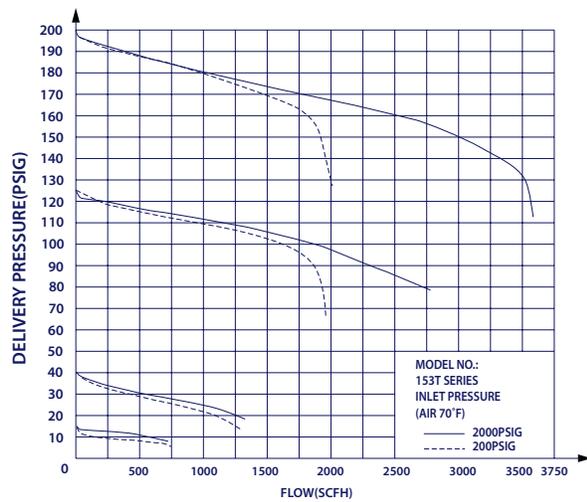
153TM Series Two Stage Manifold Regulators

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

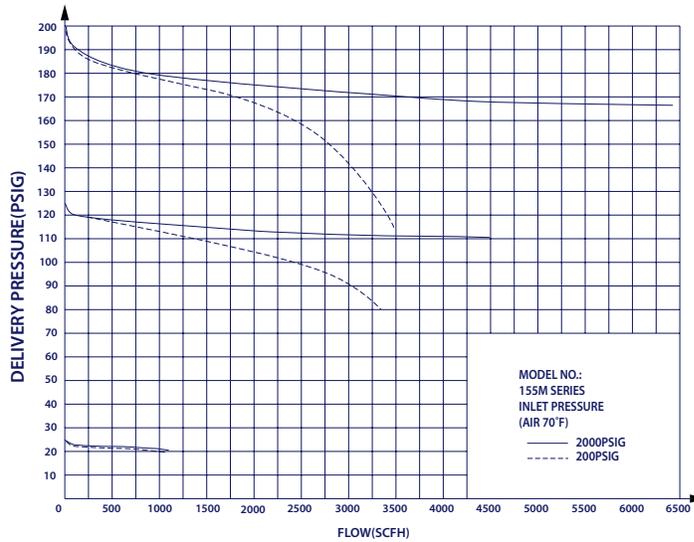
155M Series Manifold Regulators

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 INERT GAS CO ₂ , AIR	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	1" - 11-1/2NPS RH(M)	1" - 11-1/2NPS RH(F)
155MIN-200			10-200		2-1/2", 400PSI		
155MY-15	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

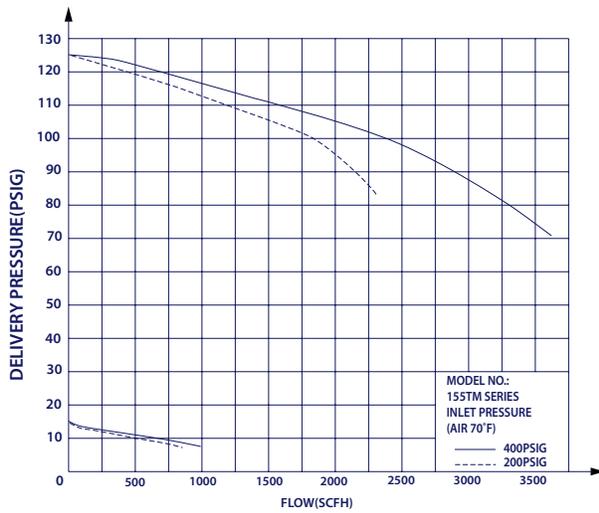
155TM Series Two Stage Manifold Regulators

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		CGA580	
227NG			1-1/2" 3000PSI REAR			

229 Series Flow Regulators

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

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



229-50-B



229-50-P

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

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

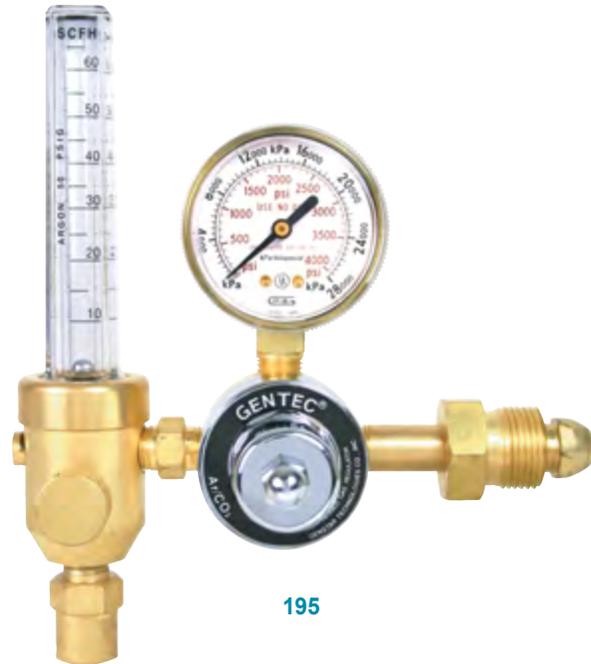
Heavy Duty Flowmeter Regulators

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					
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

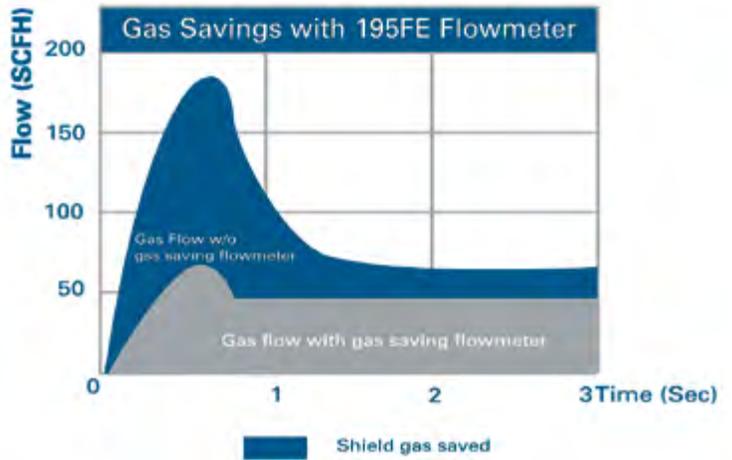
195AE-60

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

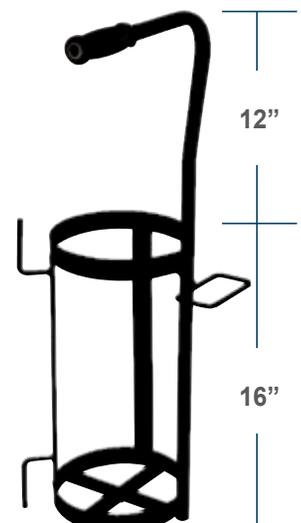


HQ14-012

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	0-4000 PSI	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



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

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

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

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

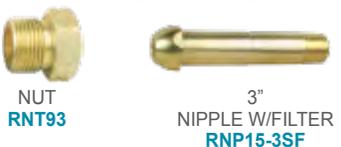
*Please refer to GENTEC® SILVER SERIES GAS WELDING & CUTTING APPARATUS brochure (Catalog No. BR-SILVER2008) for information of 752 and 753 series regulators

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>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>		

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



CK-1SP



CK-20SP



CK-22SP



CK-24SP



CK-26SP

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 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 ACCESSORIES

Welding Hoses, Cylinders and Tanks

Industrial Gas Apparatus

Welding Hoses

Model Number	Hose I.D.	Hose Length	Grade	Connection
HA14-006IN	1/4"	6'	-	5/8"-18RH(M)
HW23-012A	3/16"	12'	R	3/8"-24(F)
HW23-T012A	3/16"	12'	T	3/8"-24(F)
HW23-012	3/16"	12'	R	9/16"-18(F)
HW23-T015	3/16"	15'	T	9/16"-18(F)
HW23-T020	3/16"	20'	T	9/16"-18(F)
HW24-T020	1/4"	20'	T	9/16"-18(F)
HW24-T025	1/4"	25'	T	9/16"-18(F)
HW24-050	1/4"	50'	R	9/16"-18(F)



HA14-006IN



HW23-T020

Cylinders and Tanks



CY20-540
"R" Oxygen

CY40-540
"TYPE 40" Oxygen

CY20-580
Nitrogen

CY40-580
Nitrogen

CY40-B
"B" Acetylene

CY10-MC
"MC" Acetylene

Model Number	Gas Service	Capacity (CU. FT.)	CGA Connection	Type
CY40-B	ACETYLENE	40	CGA520	B
CY10-MC		10	CGA200	MC
CY20-540	OXYGEN	20	CGA540	R
CY40-540		40	CGA540	
CY20-580	NITROGEN	20	CGA580	
CY40-580		40	CGA580	

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

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

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

*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

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

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
10CM	23		141TA-FA	8		152LX-80	47	
10CM-H12	23		141T-CV	8		152LY-15	47	(U) RUHL8211
10CMP	24		141T-FA	8				(V) L260A-250
10CMP-C3SP	24		142C	9	(CS) CA270-V	152Q-125	30	(U) RUH8218
10CMP-C4SP	24				(FP) CA250-FS			(V) SR250D-346
10CMP-GMTR	24				(U) CA350			(W) RS-2-3
10CMP-GMTT	24				(V) CA1350	152Q-15	30	
10ST	20	(SM) 11-1101C	142T	8	(U) WH350	152SF-125	43	(V) S261D-025
10ST-H06	20				(V) 100C	152SF-80	43	(U) RUHS8212
10ST-H12	20		142T-CV	8				(V) S261C-025
10STP06SP	20		142T-FA	8	(CS) WH270FC-V	152SIN-125	43	(U) RUHS8214
10STP07SP	20				(FP) WH270FC-FS			(V) S250D-034
10STP-2~7	20	(SM) 12-1401			(V) 100FC	152SIN-40	43	(V) S250B-034
		(U) ART(X)A	143ACA	9	(U) 780	152SIN-40FG	43	(V) SFG250-034
10STP-3C	20	(SM) 12-1402-03			(V) 2461	152SIN-80	43	(V) S250C-034
		(U) ART3AT	143CA	9	(CS) CA370-V	152SX-125	43	(U) RUHS8210
10STP-4C	20	(SM) 12-1402-04			(FP) CA350-FS			(V) S250D-024
		(U) ART4AT			(U) 780A	152SX-40	43	(V) S250B-024
10STP-5C	20	(SM) 12-1402-05			(V) CA2460	152SX-80	43	(V) S250C-024
		(U) ART5AT	143SCA	9	(U) 780B	152SY-15	43	(U) RUHS8211
10STP-HF6	20	(SM) 13-662			(V) 2462			(V) S260A-025
		(U) ART662	143T	8	(U) WH360	152TF-80	39	(U) RHT8012
10STP-HY6	20	(SM) 13717			(V) 315C			(V) VTS261B-510
		(U) ART717	143T-CV	8		152TIN-125	39	(U) RHT8014
1120	1	(U) OPH5-350A	143T-FA	8	(CS) WH370FC-V			(V) VTS250D-580
		(V) Super Range			(FP) WH370FC-FS	152TQ-125	39	(U) RHT8018
1120FA	1	(V) Super Range			(V) 315FC			(V) VTS250D-346
1121	1	(V) Performer	143TL	8	(U) WH360L	152TX-125	39	
1121FA	1	(V) Performer			(V) 310C	152TX-80	39	(U) RHT8010
1130	3	(V) Journeyman	143TL-CV	8				(V) VTS250C-540
1130FA	3	(V) Journeyman	143TL-FA	8				
1131	3	(V) Journeyman II	143TLH	8	(U) 72L11	152TX-80G	39	
1131FA	3	(V) Journeyman II			(V) HD310C			
1138	2	(V) Contender	143TLH-CV	8		152TY-15	39	(U) RHT8011
1138FA	2	(V) Contender	143TLH-FA	8				(V) VTS260A-510
11ST	20		152AR-100	55	(CS) AF200-580			
1221	2	(V) Super Range II			(H) 425-AR100-580	152TY-15-3	39	(U) RHT8011-1
1221FA	2	(V) Super Range II			(U) RHFG14-50			(V) VTS260A-300
12-PT	4	(FP) TK-3-FP			(W) RS-3-FG			
		(U) KL250-0P	152CD-100	55	(H) 425-CD100-320	152TY-15-3G	39	
		(V) Portable Torch			(SM) H1758-320			
12-PTC	4	(FP) TK-4-FP			(U) RHFG13-50	152TY-15G	39	
		(U) KL250-0PCY	152F-80	30	(W) RS-4-FG			
		(V) Portable Torch			(CS) RC250-40-510LP	152X-80	30	(CS) RC250-80-540
12-PTCSP	4	(FP) TK-4-FP			(FP) 250-40-510LP-FB			(FP) 250-80-540-FB
		(U) KL250-0PCY			(H) 2500-50-510P			(SM) H1710C-540
		(V) Portable Torch			(SM) H1722C-510			(V) SR250C-540
13-0S	5	(V) Journeyman Select			(V) SR261C-510			
13-0SA	5	(V) Journeyman Select	152H-125	30		152X-80G	30	
13-0SAFA	5	(V) Journeyman Select	152H-15	30				
13-0SFA	5	(V) Journeyman Select	152H-40	30		152Y-15	30	(CS) RC250-15-510
140T	8	(U) 71	152IN-125	30	(FP) FPR250-125-580			(FP)250-15-510-FB
		(V) J-28			(H) 2500-125-580			(H) 2500-15-510
140T-CV	8				(SM) H1730C-580			(SM) H1721C-510
140T-FA	8				(V) SR250D-580			(V) SR260A-510
141C	9	(U) CA250	152IN-125G	30		152Y-15-3	30	(CS) RC250-15-300
		(V) CA1260	152IN-15	30				(FP)250-15-300-FB
141T	8	(U) WH250	152LF-80	47	(V) L261C-250			(H) 2500-15-300
		(V) J100C	152LX-125	47	(U) RUHL8210			(SM) H1720C-300
141TA	8				(V) L250D-250			(V) SR260A-300
141TA-CV	8		152LX-200	47				

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
152Y-15-3G	30		153TIN-250	40	(H) 9200-250-580	153Y-15-3G	35	
	69				(SM) H1414B-580		69	
152Y-15-5	30	(V) SR260A-520			(V) VTS450E-580	153Y-15G	35	
	69				(W) RD-7-4		69	
152Y-15-5G	30		153TMX-125	51		155F-125	36	(V) SR711D-510
	69		153TMY-15	51		155H-200	36	(V) SR702E-350
152Y-15G	30		153TQ-125	40	(H) 9200-125-590	155HFIN-600	37	
	69				(V) VTS450D-590	155HFIN-800	37	
153C-125	35	(U) RV8013	153TQ-200	40	(H) 9200-160-346	155HFX-800	37	
		(V) SR453D-320			(H) 9200-250-346	155IN-125	36	(V) SR700D-580
		(W) RC-4-3			(U) RVT8018	155IN-200	36	(V) SR700E-580
153C-200	35	(SM) HB1533-320			(V) VTS450E-346	155LF-125	49	(V) L711D-500
		(V) SR453E-320	153TX-125	40	(H) 9200-125-540	155LF-200	49	(V) L711E-500
153F-125	35	(H) 3500-50-510P			(SM) H1410B-540	155LX-125	49	(V) L700D-750
		(SM) HB1522B-510			(U) RVT8010	155LX-200	49	(V) L700E-750
		(U) RV8012			(V) VTS450D-540	155LX-80	49	(V) L700C-750
		(V) SR461D-510			(W) RD-9-3	155LY-15	49	(V) L710A-750
153H-125	35	(U) RV8017	153TX-125G	69		155MIN-125	52	(V) SR700MD-996
		(V) SR452D-350		40				(W) RDM-9-4
153H-200	35	(V) SR452E-350	153TX-250	69		155MIN-200	52	(V) SR700ME-996
		(W) RC-6-4		40				(W) RDM-9-4
153IN-125	35	(CS) RC450-125-580	153TY-15	40	(SM) H1413B-540	155MY-15	52	(V) SR710MA-996
		(H) 3500-125-580			(U) RVT8010-3	155Q-125	36	
		(U) RV8014			(V) VTS450E-540	155Q-200	36	(V) SR700E-346
		(V) SR450D-580	153TY-15	40	(W) RD-9-4	155SF-80	46	(SM) HB1580A
		(W) RC-7-3			(H) 9200NC-15-510			(V) S711C-997
153IN-250	35	(SM) HB1530-580			(SM) H1421B-510	155SX-125	46	(SM) HB1575A
		(V) SR450E-580			(U) RVT8011			(V) S700D-996
		(W) RC-7-4			(V) VTS460A-510	155SY-15	46	(SM) HB1579A
153IN-250-F	35	(U) RV8015A-1	153TY-15-3	69	(W) RD-1-1			(V) S710A-997
153MF-125	50	(H) 3510-125LH		40	(H) 9200NC-15-300	155TF-125	41	(V) VTS711D-510
		(V) SR461MD-997			(SM) H1420B-300	155TIN-125	41	(V) VTS710D-580
153MF-40	50				(U) RVT8011-1	155TIN-200	41	(V) VTS710E-580
153MX-125	50	(H) 3510-125RH	153TY-15-3G	40	(V) VTS460A-300	155TMIN-125	53	(V) VTS700MD-996
		(V) SR450MD-996			(W) RD-1A-1	155TMIN-200	53	(V) VTS700ME-996
		(W) RM-2-4		69		155TMY-15	53	(V) VTS710MA-997
153MX-200	50	(H) 3510-200RH	153TY-15G	40		155TQ-125	41	
		(V) SR450ME-996		69		155TQ-200	41	
		(W) RM-2-4	153TY-15G	40		155TX-125	41	(V) VTS700D-540
153MY-15	50	(H) 3510-15		69		155TX-200	41	(V) VTS700E-540
		(V) SR460MA-997	153X-125	35	(CS) RC450-125-540	155TY-15	41	(V) VTS710A-510
		(W) RM-1-1			(H) 3500-125-540	155TY-15-3	41	(V) VTS710A-300
153Q-125	35	(V) SR450D-590			(SM) HB1510A-540	155X-125	36	(V) SR700D-540
		(W) RC-2-3			(U) RV8010	155X-200	36	(V) SR700E-540
153Q-200	35	(U) RV8018			(V) SR450D-540	155Y-15	36	(V) SR710A-510
		(V) SR450E-346			(W) RC-9-3	155Y-15-3	36	
		(W) RC-2-4	153X-125G	69		156DH-125	38	
153TC-125	40	(H) 9200-125-320		35		156DIN-125	38	
		(SM) H1434A-320		69		156DIN-450	38	
		(U) RVT8013	153X-250	35	(H) 3500-200-540	156DLH-125	38	
		(V) VTS453D-320			(SM) HB1511A-540	156DLIN-125	38	
		(W) RD-4-3			(U) RV8010-3	156DLX-125	38	
153TC-200	40	(H) 9200-250-320			(V) SR450E-540	156DX-125	38	
		(V) VTS453E-320			(W) RC-9-4	162S-17	10	(V) SST900C
153TF-125	40	(H) 9200-50-510P	153Y-15	35	(CS) RC450-15-510	162S-17-CV	10	
		(U) RVT8012			(H) 3500-15-510	162S-17-FA	10	(V) SST900FC
		(V) VTS461D-510			(SM) HB1521B-510	163L-21	10	(V) ST1600C
		(W) RD-10-2			(U) RV8011	163L-21-CV	10	(U) 830-21
153TIN-125	40	(H) 9200-125-580			(V) SR460A-510	163L-21-FA	10	(U) 830-21FB
		(U) RVT8014			(W) RC-1-1			(V) ST2600FC
		(V) VTS450D-580		69				
		(W) RD-7-3						

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
171H	14	(U) TYPE28 (V) MFA-J	190CD-45	54	(CS) CF153-320 (FP) CF153-320-FB	191CD-60	57	(CS) HRF1480-320 (FP) HRF1480-320-FB
171HN	14	(V) MFN-J			(H) 301-CD60-320			(H) 355-2-CD-320
171W	13	(U) Type 17 (V) W-J			(SM) H1958B-320 (U) CEFG13 (V) CF253-320 (W) REB-4-FG			(U) FR1413 (V) HRF2480-320 (W) REF-4-PG
171W-0	24				(CS) CF153-320-CS (H) 301CD-32010 (SM) H1958B-320 (W) REB-4-FGD	191CD-60-6HCS	59	(CS) 0781-2745 (H) 355-2CD-32010 (W) REF-4-PGD
171W-00	24		190CD-45-6HSP	59		191CD-60-6HSP	59	(U) KFR13 (W) REF-4-PGD
171W-000	24				(CS) SR7-40-510 (SM) H1945E-510 (U) MR8212 (V) SR7-40-510	191HE-150	57	(H) 355-2-HE-320 (U) FR14-6 (V) HRF2425-580 (W) RF-3-P
172C	16	(FP) 3-101-FP (U) 3-101 (V) 3-101						
172CN	16	(FP) 3-GPN-FP (U) 3-GPN (V) 3-GPN	190F-80	28				
172H	14	(FP) MFA-1-FS (U) TYPE 29 (V) MFA-1	190IN-175	28	(SM) H1931A-580	191NR-70	57	
172HN	14	(V) MFN-1	190IN-175-F	28	(U) R1563	191QR-70	57	
172W	13	(FP) W-1-FS (U) Type 13 (V) W-1	190IN-80	28	(CS) SR5-40-580 (H) 301-100-580 (V) SR5B-580 (W) REB7-3	194CE-100-110	63	
173C	16	(FP) 1-101-FP (U) 1-101 (V) 1-101	190X-80	28	(CS) SR5-60-540 (FP)150-60-540-FB (H) 301-100-540 (SM) H1910F-540 (U) MR8210 (V) SR5-60-540 (W) REB-9-3	194CE-100-220	63	
173CN	16	(FP) GPN-FP (U) GPN (V) GPN				194CE-100-36	63	
173H	14	(FP) MFA-FS (U) TYPE 11 (V) MFA	190Y-15	28	(CS) SR6-15-510 (FP)150-15-510-FB (H) 301-15-510 (SM) H1945E-510 (U) MR8211 (V) SR6-15-510 (W) REB-1-1	194CE-60-110	63	
173HN	14	(U) Type 12 (V) MFN				194CE-60-220	63	
173W	13	(FP) W-FP (U) Type 4 (V) W				194CE-60-36	63	
175HN	15	(V) Type 55	190Y-15-3	28	(H) 301-15-300 (SM) H1942E-300 (U) MR8211-1 (V) SR6-15-300 (W) REB-1A-1	195AE-60	62	
190AR1-50	54					195AR-60	58	(SM) H1952D-580 (U) CEF1413 (V) HSR2570-580 (W) RFS-3-P
190AR1-50-6HSP	59		190Y-15-5	28	(H) 301-15-520B (SM) H1941E-520 (U) MR8211-2 (V) SR6-15-520 (W) REB-1A-1	195AR-60-680	58	
190AR1-50-B	54					195AR-60-6HSP	59	(U) KF1413 (SM) H1956D-320
190AR1-50-P	54		191AR-60	57	(CS)HRF1425-580 (FP)HRF1480-580-FB (H) 355-2-AR-580 (U) FR1413 (V) HRF2425-580 (W) REF-3-PG	195CD-60	58	(U) CEF1413 (V) HSR2570-320 (W) RFS-4-P (U) KF1413
190AR-50	54	(CS) AF150-580 (FP) AF150-580-FB (H) 301-AR60-580 (SM) H1957B-580 (U) CEFG14 (V) AF250-580 (W) REB-3-FG				195CD-60-6HSP	59	(U) KF1413
190AR-50-10HSP	59					195FE	63	
190AR-50-6HSP	59	(CS) AF150-580-CS (H) 301AR-58010 (SM) H1957B-580-H (W) REB-3-FGD	191AR-60-10HCS	59		195FM	60	(H) 55-2AR/CD70-1/4 (SM) H1108E (U) UAF-1413 (V) FM150 (W) RWS-2-13 (H) 55-2AR/CD70(M) (V) FM147
190AR-50-B	54		191AR-60-6HCS	59		195FM-5	60	
190AR-50-P	54					195FM-7	60	
190C-175	28	(CS) SR5-40-320 (H) 301-100-320 (SM) H1933A-320 (V) SR5B-320 (W) REB-4-3 (U) R1363	191AR-60-6HSP	59	(U) MR8211-1 (V) SR6-15-300 (W) REB-1A-1 (H) 301-15-520B (SM) H1941E-520 (U) MR8211-2 (V) SR6-15-520 (CS)HRF1425-580 (FP)HRF1480-580-FB (H) 355-2-AR-580 (U) FR1413 (V) HRF2425-580 (W) REF-3-PG	195FM-9	60	(H) 55-2AR/CD70 (V) FM137 (SM) H1952D-580 (U) CEF14-8 (V) HSR2537-580 (W) RFS-5-P
190C-175-F	28					195HE-150	58	
						195HE-150-680	58	
						195TAR-60	58	(SM) H1760-580 (V) HVTS2570-580 (SM) H1765-320 (V) HVTS2570-320 (V) HVTS2570-580 (H) 356-AR/HE-580 (SM) H1970-580 (U) DEF14 (V) DFM150-580 (W) RFD-3-P

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
196HE-150	60	(H) 356-AR/HE-580 (U) DEF14 (W) RFD-3-P	24-0008	74	(S) N21 (W) 8	24-0319	71	(S) A844 (W) 319
198CD-60	61	(H) 4-CD100F-320 (V) SR311-320	24-0009	74	(S) N10 (W) 9	24-0321	71	(S) A780 (W) 321
20-1610-5	75		24-0010	74	(S) N11 (W) 10	24-0411	72	(S) YV420 (W) 411
20-1675-5	75		24-0015	71	(S) A830 (W) 15	24-0415	71	(S) A876 (W) 415
20-1710-5	75		24-0016	71	(S) A800 (W) 16	24-0662P	70	(S) HTN71P (W) 662P
20-1775-5	75		24-0017	74	(S) NP10 (W) 17	24-0692P	70	(S) HTN73P (W) 692P
210F-80	29	(CS) SR5-60-540R (FP) FPR-150CR-540 (U) ROB (V) SR150CR-540	24-0018	74	(S) NP6 (W) 18	24-0769	74	(W,S) 769
210X-80	29		24-0019	74	(S) NP4 (W) 19	24-0806	71	(S) A809 (W) 806
210X-80-A	69		24-0030	74	(S) C50 (W) 30	24-0810	71	(S) A870 (W) 810
210X-80G	29	(U) RO	24-0031	74	(S) C51 (W) 31	24-1690	71	(S) A802 (W) 1690
210Y1-15-B	29		24-0044	74	(S) S344 (W) 44	24-3588	74	(W,S) 3588
210Y1-15-M	29	(U) RMC	24-0045	74	(S) S333 (W) 45	24-4750	74	(W,S) 4750
210Y-15	29	(CS) SR6-15-200R (FP) FPR-160AR-200 (U) RMC2B (V) SR160AR-200	24-0051	71	(S) A531 (W) 51	24-7322	74	(W,S) 7322
210Y-15-3	69		24-0061	71	(S) A801 (W) 61	24-7323	74	(W,S) 7323
210Y-15-3-A	29	(U) RCAB	24-0101	72	(S) Y50 (W) 101	24-7325	74	(W,S) 7325
210Y-15-510	29	(U) RCA	24-0102	72	(S) Y51 (W) 102	24-7326	74	(W,S) 7326
210Y-15-510-A	29	(U) RWB	24-0105	74	(S) A306 (W) 105	24-7327	74	(W,S) 7327
210Y-15-A	29	(U) RW	24-0106	74	(S) A307 (W) 106	24-7328	74	(W,S) 7328
210Y-15-A	29	(U) RMC2	24-0111	72	(S) YV50 (W) 111	24-7329	74	(W,S) 7329
210Y-15G	69		24-0112	72	(S) YV51 (W) 112	24-7330	74	(W,S) 7330
220-50	56	(FP) 0387-1232 (W) RP305810 (W) RP320 SERIES	24-0130	74	(S) C10 (W) 130	24-9116	74	(W,S) 9116
227C	56		24-0131	74	(S) C11 (W) 131	24-9940P	74	(W,S) 9940-P
227CG	56		24-0203	72	(S) V52 (W) 203	24-AW-14A	72	(S) N2400 (W) AW-14A
227N	56		24-0205	72	(S) V88 (W) 205	24-AW-15A	72	(S) A404 (W) AW-15A
227NG	56		24-0206	72	(S) V89 (W) 206	24-AW-17	72	(S) NP73 (W) AW-17
229	64	(W) R125	24-0215-AR	72	(S) V454 (W) 215-AR	24-AW430	72	(S) C126 (W) AW430
229-50-B	56		24-0306	71	(S) A842 (W) 306	24-AW431	72	(S) C127 (W) AW431
229-50-P	56		24-0314	71	(S) A784 (W) 314	24-CV5PR	11	(U) TCVA (W) WE-63
229G	64	(W) R125G	24-0315	71	(S) A840 (W) 315	24-CV5TF	11	(U) TCV11 (W) CV-A10
230	64	(W) RPB-6	24-0317	71	(S) A848 (W) 317	24-CV5TO	11	(U) TCV10 (W) CV-A9
230A	64		24-0318	71	(S) A850 (W) 318	24-CV7PR	11	(H) 88-6CVT (U) TCVB (V) 0690-0011 (W) WE-60
230G	64	(V) BF-50 (W) RPB-6G				24-CV7TF	11	(H) 88-6CVTL (U) TCV-101 (V) CTF (W) CV-8L
230GA	64					24-CV7TO	11	(H) 88-6CVTR (U) TCV-100 (V) CTO (W) CV-7R
230H	65	(W) RPB-6H				24-CV8PR	11	(W) WE-62
230HA	65	(W) BR2H						
230HB	64							
230HBA	64							
230HBG	64							
230HBGA	64							
230HG	65	(V) BFH-50 (W) RPB-6HG						
230HGA	65	(W) BR2HG						
230HGMYA	65	(W) BR72HG						
24-0007	74	(S) N20 (W) 7						

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
24-CV8RF	11	(H) 88-7CVRL (W) CV-33L	452X-80	31	(H) 25-100C-540 (W) RS-9-3	7120	6	
	72		452Y-15	31	(H) 25-15C-510 (U) RUH8211	7120FA	6	
24-CV8RO	11	(H) 88-7CVRR (W) CV-32R			(W) RS-1-1	7130	6	
	72		452Y-15-3	31	(H) 25-15C-300 (U) RUH8211-1	7130FA	6	
24-CV9PR	11	(H) 88-6CVR (V) 0690-0012 (W) WE-61	452Y-15-5	31	(H) 25-15C-520 (U) RUH8211-2	72-PT	7	
	72		453X-175	32	(H) 425-200-540	72-PTC	7	
24-CV9RF	11	(H) 88-6CVRL (U) RCV-101 (V) CRF (W) CV-31L	453Y-15	32	(H) 425-15-510	72-PTC-FA	7	
	72		453Y-15-3	32	(H) 425-15-300	72-PT-FA	7	
24-CV9RO	11	(H) 88-6CVRR (U) RCV-100 (V) CRO (W) CV-30R	462TF-40	42		752X-80	69	
	72		591H-1500	27	(H) 8700-1500-350 (V) SR4G-350	752X-80G	69	
24-CVWB	25		591H-3000	27	(V) SR4J-350	752Y-15	69	
24-T-62	72	(S) C2540 (W) T-62	591H-750	27	(V) SR4F-350	752Y-15G	69	
24-T-92	72	(S) C2580 (W) T-92	591IN-1500	27	(H) 8700-1500-580 (SM) HB1883-580 (V) SR4G-580	791AR-60	57	(SM) H2051-580
25-120	75		591IN-1500-680	27	(W) RS-11-15	791AR-60-6HSP	59	(SM) H2051-580-H
25-121	75				(H) 8700-1500-680 (SM) HB1893-680 (V) SR4G-680	853F-80	33	(CS) RC350-40-510LP
25-122	75		591IN-3000	27	(SM) H803-580 (V) SR4J-580	853LCRCD-125	34	(V) SR361B-510
25-130	75		591IN-3000-680	27	(W) RS-11-20	853LCRIN-125	34	(H) 330-125-320
25-300	25		591IN-4500-680	27	(H) 8700-3000-680 (V) SR4J-680	853LCRX-125	34	(V) LC350DR-320
25-450	75		591IN-750	27	(H) 8700-4500-680 (V) SR4K-680	853LF-125	48	(H) 330-125-580
27-0005	75		591IN-1500-680	27	(SM) HB1882-580 (V) SR4F-580	853LF-125	48	(V) LC350DR-580
27-1013	75		591IN-3000	27	(H) 8700-1500-346 (V) SR4G-346	853LF-125	48	(H) 330-125-540
27-1013L	75		591IN-3000-680	27	(H) 8700-1500-347 (V) SR4G-347	853LF-125	48	(V) LC350DR-540
452C-175	31	(U) RUH8213 (W) RS-4-4	591IN-4500-680	27	(H) 8700-3000-680 (V) SR4J-680	853LF-125	48	(V) L361D-250
452C-175-F	31		591IN-750	27	(H) 8700-3000-680 (V) SR4J-680	853LF-125	48	(W) WMR-3-3
452C-300	31		591IN-1500	27	(H) 8700-4500-680 (V) SR4K-680	853LF-125	48	(V) L350D-250
452C-300-F	31		591Q-1500	27	(SM) HB1882-580 (V) SR4F-580	853LF-125	48	(W) WMR-3-3
452F-125	31		591Q-1500-347	27	(H) 8700-1500-346 (V) SR4G-346	853LF-125	48	(V) L360A-250
452F-40	31	(H) 25-50C-510P (U) RUH8212 (W) RS-10-2	591Q-3000	27	(H) 8700-1500-347 (V) SR4J-347	853LF-125	48	(W) WMR-3-1
452IN-175	31	(H) 25-200C-580 (U) RUH8215 (W) RS-7-4	591Q-3000-347	27	(H) 8700-3000-347 (V) SR4J-347	853SF-80	44	(H) 547-50-CL
452IN-175-F	31	(U) RUH8215A-1	591X-1500	27	(H) 8700-4500-347 (V) SR4K-347	853SF-80	44	(V) S361C-025
452IN-175-F-680	31		591X-3000	27	(H) 8700-1500-540 (V) SR4G-540	853SF-80	44	(H) 447-50-CL
452IN-175-WO	67		591X-750	27	(W) RS-9-15 (V) SR4J-540	853SF-80	44	(V) S361CR-025
452IN-300	31	(H) 25-200C-580	710F-80	20	(W) RS-9-20 (2000psi) (V) SR4F-540	853SRF-80	45	(W) WSR-1-3
452IN-300-F	31		710X-80	20	(SM) H1945E-510	853SRF-80	45	(H) 447-50-CL
452IN-450	31	(H) 25-500C-580 (SM) H1935D-580 (W) RS-7-5	710X-80-A	20	(SM) H1940G-540	853SRF-80	45	(V) S361C-025
452IN-450-F	31		710X-80G	20		853SRF-80	45	(H) 447-50-CL
452IN-450-F-680	31		710Y-15	20		853SRF-80	45	(V) S361CR-025
452IN-80	31	(H) 25-100C-580 (W) RS-7-3	710Y-15-5	20	(W) RS-9-20 (2000psi) (V) SR4F-540	853SRIN-125	45	(W) WSR-1-3
452X-175	31	(H) 25-200C-540 (U) RUH8210 (W) RS-9-4	710Y-15G	23	(H) 8700-1500-346 (V) SR4G-346	853SRIN-125	45	(H) 447-125-CRM
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) S350DR-034
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(W) WSR-1-8
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(H) 447-50-CRM
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) S350CR-034
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(W) WSR-1-7
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(H) 447-125-CR
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) S350DR-024
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(W) WSR-1-1
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(H) 447-50-CR
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) S350CR-024
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(W) WSR-1-5
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) S360AR-025
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(W) WSR-1-2
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(SM) H1775C
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) S350D-024
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) S350B-024
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) S350C-024
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(SM) H1779C
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) S360A-025
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(CS) RC350-125-540
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(FP) 350-125-540-FB
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) SR350D-540
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(CS) RC350-15-510
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(FP) 350-15-510-FB
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) SR360A-510
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(CS) RC350-15-300
					(H) 8700-1500-347 (V) SR4J-347	853SRIN-125	45	(V) SR360A-300

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	Equivalent Number
871H	14		FA5RF	12	(U) RFAM101	G20B-F200	68
871M	13	(U) UM17 (V) UM-J	FA5RO	12	(U) RFAM100	G20B-F400	68
	14		FA5RPR	12	(U) RFAA	G20B-F4000	68
871W	13	(U) Type 17E	FA5TF	12	(U) TFAM101	G25B-030RL	68 (V) 1424-0034
872H	14		FA5TO	12	(U) TFAM100	G25B-100	68 (V) 1424-0036
872M	13	(U) UM13 (V) UM-1	FA5TPR	12	(U) TFAA	G25B-200	68 (V) 1424-0039
	14		FA7RF	12	(U) RFA101 (V) FB-FR (W) FA-230-P	G25B-3000	68
872W	13	(U) Type 13E (V) ET, ET1	FA7RO	12	(U) RFA100 (V) FB-OR	G25B-400	68 (V) 1424-0046
873H	14				(W) FA-130-P	G25B-4000	68 (V) 1424-0037
873M	13	(U) UM4 (V) UM	FA7RPR	12	(U) RFA100 (V) FB-OR (W) FA-130-P	G25B-600	68
	14				(CS) FBR-2	G25B-6000	68
873W	13	(U) Type 4E (V) ET			(H) 88-5FBR	G25B-F030R	68
875HEL	15	(U) Type VHE (V) Type 55 Elbow	FA7TF	12	(U) RFA101 (V) FB-F	G25B-F100	68
875HRB	15	(U) Type VH (V) Type 55 Head			(U) RFA101 (V) FB-F	G25B-F200	68
876M	15	(U) UM12-1 (V) Type 55 Mixer	FA7TO	12	(U) TFA101 (V) FB-F	G25B-F400	68
9-WG1P	75				(W) FA-200-P	G25B-F4000	68
9-WG6G	75		FA7TPR	12	(U) TFA100 (V) FB-O	G25B-F600	68
C-1	73	(S) KT10 (W) C-1			(W) FA-100-P	GKNT	67
C-5	73	(S) KT28 (W) C-5			(CS) FBT-2	GKNT20-T	67
CK-0	73	(W) CK-0			(FP) FPTA	GKNT20-TC	67
CK-1SP	73	(S) RK6 (W) CK-1	G15-030RL	68	(H) 88-5FBT	GKNT40-T	67
CK-20SP	73	(S) RK5 (W) CK20	G15-100	68	(U) TFAB	GKNT40-TC	67
CK-22SP	73	(W) CK-22	G15-200	68	(V) FB-1	GMTR	16 (U) MTR
CK-24SP	73	(S) RK24 (W) CK-24	G15-3MEF	68	(W) FA-10	GMTR	16 (U) MTT
CK-26SP	73	(S) RK26 (W) CK26	G15-400	68	(V) FB-1	GMTW-1	16 (U) MTW #1
CK-5SP	73	(S) RK27 (W) CK-5	G15-4000	68	(W) FA-10	GMTW-2	16 (U) MTW#2
CRT10	4		G17-VMA-1	14	(U) TYPE 17 #30	GP20X	69
CRT20N	67		G20-030	68	(U) TYPE 17 #30	GP20Y	69
CRT40N	67		G20-030RL	68		GP21X	69 (V) 1429-0068
CY10-MC	4		G20-050CF	68		GP21Y	69 (V) 1429-0069
	76		G20-060	68		GP31X	69 (V) 1429-0056
CY20-540	4		G20-100	68		GP31Y	69 (V) 1429-0057
	76		G20-1500	68		GR15-3MEF	66 (W) WG-18-4000W
CY20-580	67		G20-200	68		GR15-4000	68 (V) 1424-0001
	76		G20-300	68		GR20B-F100	68
CY40-540	76		G20-3000	68		GR20B-F200	68
CY40-580	67		G20-400	68	(V) 1424-0149	GR20B-F400	68
	76		G20-4000	68	(V) 1424-0150	GR20B-F600	68
	76		G20-600	68	(U) TYPE 17 #30	GRST-LP	20 (SM) 249-500
	67		G20-6000	68			20 (U) RP3B
	76		G20B-030RL	68	(V) 1424-0257	GRST-X	20 (SM) 249-499
CY40-B	76		G20B-100	68	(V) 1424-0002		20 (U) RPO3B
FA10RF	12	(H) 88-5FBHFRL	G20B-200	68	(V) 1424-0259	GX15	68 (V) 1429-0029
FA10RO	12	(H) 88-5FBHFRR	G20B-300	68		GX20	68 (V) 1429-0027
FA20PF	12		G20B-3000	68		GX25	68 (V) 1429-0028
FA20PO	12		G20B-400	68		HA14-006IN	76
FA23RF	12		G20B-4000	68		HQ14-012	67
FA23RO	12		G20B-600	68		HST18-06	20 (SM) 13254-4-6
			G20B-F030R	68	(V) 1424-0261		20 (U) ARTH6B
			G20B-F100	68	(V) 1424-0284	HST18-12	20 (SM) 13254-4-12
							20 (U) ARTH12B
							23
						HW23-012	76
						HW23-012A	76
						HW23-T012A	76
						HW23-T015	76
						HW23-T020	76
						HW24-050	76
						HW24-T020	76
						HW24-T025	76
						HWB-10CV	25 (FP) VF-10-RH

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INDEX & COMPARISON CHART

Welding & Cutting Apparatus Chart

Industrial Gas Apparatus

EQUIVALENT CODE KEY (C) CONCOA/AIRCO®; (CS) CUTSKILL®; (FP) FIREPOWER®; (H) HARRIS®; (K) Koike; (P) PUROX/ESAB® (S) Superior; (SM) Smith Equipment®; (U) UNIWELD®; (V) VICTOR® ; (W) Western Enterprise®								
Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
KCMA04SP	22		QC-RHF	11	(K) ZGSP-2	RNP615-3	70	(S) NP190W
KCMA16-BSP	22				(W) QDB31			(W) 615-3
KCMA16SP	22		QC-RHF-F	11	(K) GS-2	RNP615-3SF	70	(S) NP190WR
KCMA16TCSP	22				(W) QDB206			(W) 615-3SF
KCMA26SP	22		QC-RHF-M	11	(K) ZAP-2	RNP61-SF	70	
KCMP16SP	22				(W) QDB205	RNP66	70	(S) NP211
KSTA04SP	19	(SM) 23-1007A	QC-RHPR	11	(H) 26-QCR			(W) 66
		(U) ART1007A			(K) WZG	RNP66-SF	70	(S) NP211R
KSTA06-H12SP	19	(SM) 23-1020			(W) QDB30			(W) 66-SF
		(U) ART1020	QC-RHX	11	(K) ZGSP-1	RNP680-3	70	(S) NP843
KSTA06SP	19	(SM) 23-1012			(W) QDB32			(W) 680-3
		(U) ART1012	QC-RHX-F	11	(K) GS-1	RNP680-3SF	70	(S) NP843R
KSTA16B-H12SP	19				(W) QDB106			(W) 680-3SF
KSTA16-BSP	19	(SM) 23-1003B	QC-RHX-M	11	(K) ZAP-1	RNP83	70	(S) NP168
		(U) ART1003B			(W) QDB105			(W) 83
KSTA16-H12SP	19		R110-56	70	(S) F6	RNP83SF	70	(S) NP168R
KSTA16SP	19	(SM) 23-1003			(W) S-3			(W) 83SF
		(U) ART1003	R120-56	70		RNPCO3	70	(S) NP147
KSTA16TC-H12SP	18		R195-03	72				(W) CO-3
KSTA16-TCSP	18	(SM) 23-1004A	R230-03	72		RNPCO3-SF	70	(S) NP147R
		(U) ART1004A	R231-12	72	(S) A115			(W) CO-3SF
KSTP06-H12SP	19	(SM) 23-1020LP			(W) 543	RNPCO5	70	(S) W6
		(U) ART1020LP	RB205-1BT	66	(W) RPB-5-1BT			(W) CO-5
KSTP14-540SP	19	(U) ART1014	RB205-1F	66	(W) RPB-5-1F	RNPCO6N	70	(S) W8
KSTP14-TSP	19	(SM) 23-1014	RB205-1FV	66	(W) RPB-5-1FV			(W) CO-6N
KSTP16-H12SP	19		RB205-1L	66	(W) RPB-5-1L	RNPOR-11	70	(S) OR580
KSTP16SP	19	(SM) 23-1003P	RB205-1N	66	(W) RPB-5-1N			(W) 615-0
		(U) ART1003P	RB205-1P	66	(W) RPB-5-1P	RNT14-2	70	(W) 14-2
KSTP16TC-H12SP	18		RB205-1V	66	(W) RPB-5-1V	RNT15-2	70	(S) N69
QC-HHF	11	(K) ZASP-2	RB205-1X	66	(W) RPB-5-1X			(W) 15-2
		(W) QDB21	RB205-2V	66	(W) RPB-5-2V	RNT16-2	70	(S) N56
QC-HHF-F	11	(K) AS-2	RB232	66				(W) 16-2
		(W) QDB201	RB234	66		RNT300-2	70	(S) N70
QC-HHF-M	11	(K) ZAP-2	RB236	66	(W) TH1			(W) 300-2
		(W) QDB205	RB237	66	(W) BRC	RNT305-2	70	(S) N57
QC-HHPR	11	(K) WZA	RNP14-3	70	(S) NP753			(W) 305-2
		(W) QDB20			(W) 14-3	RNT347-2	70	(W) 347-2
QC-HHX	11	(K) ZASP-1	RNP14-3SF	70	(S) NP753R	RNT62	70	(S) N71
		(W) QDB22			(W) 14-3SF			(W) 62
QC-HHX-F	11	(K) AS-1	RNP15-23SF	70		RNT680-2	70	(S) N680
		(W) QDB101	RNP15-3	70	(S) NP189			(W) 680-2
QC-HHX-M	11	(K) ZAP-1			(W) 15-3	RNT82	70	(W) 82
		(W) QDB105	RNP15-3SF	70	(S) NP189R	RNT92	70	(S) N73
QC-HTF	11	(K) ZOSP-2			(W) 15-3SF			(W) 92
		(V) KCF	RNP16-8	70	(S) NP128	RNT92-HT	70	(S) N73P
		(W) QDB11			(W) 16-8			(W) 692
QC-HTF-F	11	(K) AS-2	RNP16-8SF	70	(S) NP128R	RNT93	70	(S) N74
		(W) QDB201			(W) 16-8SF			(W) 93
QC-HTF-M	11	(K) ZOP-2	RNP300-3	70	(S) NP435	RNTCO2	70	(S) N61
		(W) QDB200			(W) 300-3			(W) CO2
QC-HTPR	11	(FP) FPKC	RNP300-3SF	70	(S) NP435R	ROB134	72	(S) B26
		(H) 26-QCT			(W) 300-3SF			(W) 134
		(K) WZO	RNP305-3A	70	(S) NP414	ROB135	72	(S) B27
		(V) KC-1			(W) 305-3A			(W) 135
		(W) QDB10	RNP305-3ASF	70	(S) NP414R	ROB316	72	(S) A112
QC-HTX	11	(K) ZOSP-1			(W) 305-3ASF			(W) 540
		(V) KCO	RNP347-3	70	(S) NP765	ROB32	72	(S) B28
		(W) QDB12			(W) 347-3			(W) 32
QC-HTX-F	11	(K) AS-1	RNP347-3SF	70	(S) NP765R	ROB33	72	(S) B29
		(W) QDB101			(W) 347-3SF			(W) 33
QC-HTX-M	11	(K) ZOP-1	RNP615-25SF	70		ROB34	72	
		(W) QDB100						

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Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number	Model Number	PP	Equivalent Number
ROB48F	72	(S) FA1652						
ROB532	72							
RP-2HP	66	(W) P-2HP						
RP-4HP	66	(W) P-4HP						
T10-82B	23							
T10-83B	23							
T110-26	24							
T110-27	24							
TF7000	67							
TW146	67							
WB-500T	25	(FP) RHT-500						
WBK-500	25	(FP) HT-500FP (U) WB500						

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CROSS REFERENCE

Cross Reference Chart

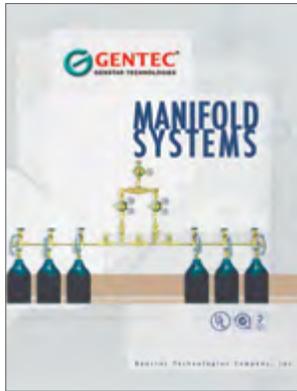
Industrial Gas Apparatus

Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP
HARRIS® to GENTEC®			(H) 55-2AR/CD70-1/4	195FM	60	VICTOR® to GENTEC®		
(H) 2500-125-580	152IN-125	30	(H) 8700-1500-346	591Q-1500	27	(V) 1424-0284	G20-4000	68
(H) 2500-15-300	152Y-15-3	30	(H) 8700-1500-347	591Q-1500-347	27	(V) 1429-0027	GX20	68
(H) 2500-15-510	152Y-15	30	(H) 8700-1500-350	591H-1500	27	(V) 1429-0028	GX25	68
(H) 2500-50-510P	152F-80	30	(H) 8700-1500-540	591X-1500	27	(V) 1429-0029	GX15	68
(H) 25-100C-540	452X-80	31	(H) 8700-1500-580	591IN-1500	27	(V) 1429-0056	GP31X	69
(H) 25-100C-580	452IN-80	31	(H) 8700-3000-347	591Q-3000-347	27	(V) 1429-0057	GP31Y	69
(H) 25-15C-300	452Y-15-3	31	(H) 8700-3000-680	591IN-3000-680	27	(V) 1429-0068	GP21X	69
(H) 25-15C-510	452Y-15	31	(H) 8700-4500-347	591Q-4500-347	27	(V) 1429-0069	GP21Y	69
(H) 25-15C-520	452Y-15-5	31	(H) 8700-4500-680	591IN-4500-680	27	(V) 2461	143ACA	9
(H) 25-200C-540	452X-175	31	(H) 88-5FBHFRL	FA10RF	12	(V) 2462	143SCA	9
(H) 25-200C-580	452IN-175	31	(H) 88-5FBHFRR	FA10RO	12	(V) 3-101	172C	16
(H) 25-200C-580	452IN-300	31	(H) 88-5FBR	FA7RPR	12	(V) 310C	143TL	8
(H) 25-500C-580	452IN-450	31	(H) 88-5FBT	FA7TPR	12	(V) 315C	143T	8
(H) 25-50C-510P	452F-40	31	(H) 88-6CVR	24-CV9PR	11	(V) 315FC	143T-FA	8
(H) 26-QCR	QC-RHPR	11	(H) 88-6CVRL	24-CV9RF	11	(V) 3-GPN	172CN	16
(H) 26-QCT	QC-HTPR	11	(H) 88-6CVRR	24-CV9RO	11	(V) AF250-580	190AR-50	54
(H) 301-100-320	190C-175	28	(H) 88-6CVT	24-CV7PR	11	(V) BF-50	230G	64
(H) 301-100-540	190X-80	28	(H) 88-6CVTL	24-CV7TF	11	(V) BFH-50	230HG	65
(H) 301-100-580	190IN-80	28	(H) 88-6CVTR	24-CV7TO	11	(V) CA1260	141C	9
(H) 301-15-300	190Y-15-3	28	(H) 88-7CVRL	24-CV8RF	11	(V) CA1350	142C	9
(H) 301-15-510	190Y-15	28	(H) 88-7CVRR	24-CV8RO	11	(V) CA2460	143CA	9
(H) 301-15-520B	190Y-15-5	28	(H) 9200-125-320	153TC-125	40	(V) CF253-320	190CD-45	54
(H) 301AR-58010	190AR-50-6HSP	59	(H) 9200-125-540	153TX-125	40	(V) Contender	1138	2
(H) 301-AR60-580	190AR-50	54	(H) 9200-125-580	153TIN-125	40	(V) Contender	1138FA	2
(H) 301CD-32010	190CD-45-6HSP	59	(H) 9200-125-590	153TQ-125	40	(V) CRF	24-CV9RF	11
(H) 301-CD60-320	190CD-45	54	(H) 9200-160-346	153TQ-200	40	(V) CRO	24-CV9RO	11
(H) 330-125-320	853LCRCD-125	34	(H) 9200-250-320	153TC-200	40	(V) CTF	24-CV7TF	11
(H) 330-125-540	853LCRX-125	34	(H) 9200-250-346	153TQ-200	40	(V) CTO	24-CV7TO	11
(H) 330-125-580	853LCRIN-125	34	(H) 9200-250-580	153TIN-250	40	(V) DFM150-580	196AR-60	60
(H) 3500-125-540	153X-125	35	(H) 9200-50-510P	153TF-125	40	(V) ET	873W	13
(H) 3500-125-580	153IN-125	35	(H) 9200NC-15-300	153TY-15-3	40	(V) ET, ET1	872W	13
(H) 3500-15-300	153Y-15-3	35	(H) 9200NC-15-510	153TY-15	40	(V) FB-1	FA7TPR	12
(H) 3500-15-510	153Y-15	35	VICTOR® to GENTEC®			(V) FB-F	FA7TF	12
(H) 3500-200-540	153X-250	35	(V) 0690-0011	24-CV7PR	11	(V) FB-FR	FA7RF	12
(H) 3500-50-510P	153F-125	35	(V) 0690-0012	24-CV9PR	11	(V) FB-O	FA7TO	12
(H) 3510-125LH	153MF-125	50	(V) 100C	142T	8	(V) FB-OR	FA7RO	12
(H) 3510-125RH	153MX-125	50	(V) 100FC	142T-FA	8	(V) FBR-1	FA7RPR	12
(H) 3510-15	153MY-15	50	(V) 1-101	173C	16	(V) FM137	195FM-9	60
(H) 3510-200RH	153MX-200	50	(V) 1424-0001	GR15-4000	68	(V) FM147	195FM-5	60
(H) 355-2-AR-580	191AR-60	57	(V) 1424-0002	G20-050CF	68	(V) FM150	195FM	60
(H) 355-2-AR-58010	191AR-60-6HCS	59	(V) 1424-0013	G20B-030RL	68	(V) FPRA	FA7RPR	12
(H) 355-2-CD-320	191CD-60	57	(V) 1424-0015	G20B-100	68	(V) GPN	173CN	16
(H) 355-2-CD-32010	191CD-60-6HCS	59	(V) 1424-0016	G20B-200	68	(V) HD310C	143TLH	8
(H) 355-2-HE-320	191HE-150	57	(V) 1424-0017	G20B-400	68	(V) HRF2425-580	191AR-60	57
(H) 356-AR/HE-580	196AR-60	60	(V) 1424-0019	G20B-4000	68	(V) HRF2425-580	191HE-150	57
(H) 356-AR/HE-580	196HE-150	60	(V) 1424-0034	G25B-030RL	68	(V) HRF2480-320	191CD-60	57
(H) 425-15-300	453Y-15-3	32	(V) 1424-0036	G25B-100	68	(V) HSR2537-580	195HE-150	58
(H) 425-15-510	453Y-15	32	(V) 1424-0037	G25B-200	68	(V) HSR2570-320	195CD-60	58
(H) 425-200-540	453X-175	32	(V) 1424-0039	G25B-4000	68	(V) HSR2570-580	195AR-60	58
(H) 425-AR100-580	152AR-100	55	(V) 1424-0046	G25B-200	68	(V) HVTS2570-320	195TCD-60	58
(H) 425-CD100-320	152CD-100	55	(V) 1424-0147	G25B-400	68	(V) HVTS2570-580	195TAR-60	58
(H) 447-125-CR	853SRX-125	45	(V) 1424-0148	G15-030RL	68	(V) HVTS2570-580	195THE-150	58
(H) 447-125-CRM	853SRIN-125	45	(V) 1424-0149	G15-100	68	(V) J100C	141T	8
(H) 447-50-CL	853SRF-80	45	(V) 1424-0150	G15-400	68	(V) J-28	140T	8
(H) 447-50-CR	853SRX-80	45	(V) 1424-0257	G15-4000	68	(V) Journeyman	1130	3
(H) 447-50-CRM	853SRIN-80	45	(V) 1424-0259	G20-030RL	68	(V) Journeyman	1130FA	3
(H) 4-CD100F-320	199CD-60	61	(V) 1424-0261	G20-100	68	(V) Journeyman II	1131	3
(H) 547-50-CL	853SF-80	44		G20-400	68	(V) Journeyman II	1131FA	3
(H) 55-2AR/CD70	195FM-9	60				(V) Journeyman	13-0S	5
(H) 55-2AR/CD70(M)	195FM-5	60				Select		

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Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP	Model Number	GENTEC Number	PP
VICTOR® to GENTEC®			(V) SR250C-540	152X-80	30	(V) SR7-40-510	190F-80	28
(V) Journeyman Select	13-0SA	5	(V) SR250D-346	152Q-125	30	(V) SST900C	162S-17	10
(V) Journeyman Select	13-0SAFA	5	(V) SR250D-580	152IN-125	30	(V) SST900FC	162S-17-FA	10
(V) Journeyman Select	13-0SFA	5	(V) SR260A-300	152Y-15-3	30	(V) ST1600C	163L-21	10
(V) KC-1	QC-HTPR	11	(V) SR260A-510	152Y-15	30	(V) ST2600FC	163L-21-FA	10
(V) KCF	QC-HTF	11	(V) SR260A-520	152Y-15-5	30	(V) Super Range	1120	1
(V) KCO	QC-HTX	11	(V) SR261C-510	152F-80	30	(V) Super Range	1120FA	1
(V) L250D-250	152LX-125	47	(V) SR311-320	199CD-60	61	(V) Super Range II	1221	2
(V) L260A-250	152LY-15	47	(V) SR350D-540	853X-125	33	(V) Super Range II	1221FA	2
(V) L261C-250	152LF-80	47	(V) SR360A-300	853Y-15-3	33	(V) Type 55	175HN	15
(V) L350D-250	853LX-125	48	(V) SR360A-510	853Y-15	33	(V) Type 55 Elbow	875HEL	15
(V) L360A-250	853LY-15	48	(V) SR361B-510	853F-80	33	(V) Type 55 Head	875HRB	15
(V) L361D-250	853LF-125	48	(V) SR450D-540	153X-125	35	(V) Type 55 Mixer	876M	15
(V) L700C-750	155LX-80	49	(V) SR450D-580	153IN-125	35	(V) UM	873M	13
(V) L700D-750	155LX-125	49	(V) SR450D-590	153Q-125	35	(V) UM-1	872M	13
(V) L700E-750	155LX-200	49	(V) SR450E-346	153Q-200	35	(V) UM-J	871M	13
(V) L710A-750	155LY-15	49	(V) SR450E-540	153X-250	35	(V) VTS250C-540	152TX-80	39
(V) L711D-500	155LF-125	49	(V) SR450E-580	153IN-250	35	(V) VTS250D-346	152TQ-125	39
(V) L711E-500	155LF-200	49	(V) SR450MD-996	153MX-125	50	(V) VTS250D-580	152TIN-125	39
(V) LC350DR-320	853LCRCD-125	34	(V) SR450ME-996	153MX-200	50	(V) VTS260A-300	152TY-15-3	39
(V) LC350DR-540	853LCRX-125	34	(V) SR452D-350	153H-125	35	(V) VTS260A-510	152TY-15	39
(V) LC350DR-580	853LCRIN-125	34	(V) SR452E-350	153H-200	35	(V) VTS261B-510	152TF-80	39
(V) MFA	173H	14	(V) SR453D-320	153C-125	35	(V) VTS450D-540	153TX-125	40
(V) MFA-1	172H	14	(V) SR453E-320	153C-200	35	(V) VTS450D-580	153TX-125	40
(V) MFA-J	171H	14	(V) SR460A-300	153Y-15-3	35	(V) VTS450D-590	153TQ-125	40
(V) MFN	173HN	14	(V) SR460A-510	153Y-15	35	(V) VTS450E-346	153TQ-200	40
(V) MFN-1	172HN	14	(V) SR460MA-997	153MY-15	35	(V) VTS450E-540	153TX-250	40
(V) MFN-J	171HN	14	(V) SR461D-510	153F-125	35	(V) VTS450E-580	153TIN-250	40
(V) Performer	1121	1	(V) SR461MD-997	153MF-125	50	(V) VTS453D-320	153TC-125	40
(V) Performer	1121FA	1	(V) SR4F-350	591H-750	27	(V) VTS453E-320	153TC-200	40
(V) Portable Torch	12-PT	4	(V) SR4F-540	591X-750	27	(V) VTS460A-300	153TY-15-3	40
(V) Portable Torch	12-PTC	4	(V) SR4F-580	591IN-750	27	(V) VTS460A-510	153TY-15	40
(V) Portable Torch	12-PTCSP	4	(V) SR4G-346	591Q-1500	27	(V) VTS461D-510	153TF-125	40
(V) S250B-024	152SX-40	43	(V) SR4G-347	591Q-1500-347	27	(V) VTS700D-540	155TX-125	41
(V) S250B-034	152SIN-40	43	(V) SR4G-350	591H-1500	27	(V) VTS700E-540	155TX-200	41
(V) S250C-024	152SX-80	43	(V) SR4G-540	591X-1500	27	(V) VTS700MD-996	155TMIN-125	53
(V) S250C-034	152SIN-80	43	(V) SR4G-580	591IN-1500	27	(V) VTS700ME-996	155TMIN-200	53
(V) S250D-024	152SX-125	43	(V) SR4G-680	591IN-1500-680	27	(V) VTS710A-300	155TY-15-3	41
(V) S250D-034	152SIN-125	43	(V) SR4J-346	591Q-3000	27	(V) VTS710A-510	155TY-15	41
(V) S260A-025	152SY-15	43	(V) SR4J-347	591Q-3000-347	27	(V) VTS710D-580	155TIN-125	41
(V) S261C-025	152SF-80	43	(V) SR4J-350	591H-3000	27	(V) VTS710E-580	155TIN-200	41
(V) S261D-025	152SF-125	43	(V) SR4J-540	591X-3000	27	(V) VTS710MA-997	155TMY-15	53
(V) S350B-024	853SX-40	44	(V) SR4J-580	591IN-3000	27	(V) VTS711D-510	155TF-125	41
(V) S350C-024	853SX-80	44	(V) SR4J-680	591IN-3000-680	27	(V) W	173W	13
(V) S350CR-024	853SRX-80	45	(V) SR4K-347	591Q-4500-347	27	(V) W-1	172W	13
(V) S350CR-034	853SRIN-80	45	(V) SR4K-680	591IN-4500-680	27	(V) W-J	171W	13
(V) S350D-024	853SX-125	44	(V) SR5-60-540	190X-80	28			
(V) S350DR-024	853SRX-125	45	(V) SR5B-320	190C-175	28			
(V) S360A-025	853SRIN-125	45	(V) SR5B-580	190IN-80	28			
(V) S360AR-025	853SY-15	44	(V) SR6-15-300	190Y-15-3	28			
(V) S361C-025	853SRY-15	45	(V) SR6-15-510	190Y-15	28			
(V) S361CR-025	853SF-80	44	(V) SR6-15-520	190Y-15-5	28			
(V) S700D-996	853SRF-80	45	(V) SR700D-540	155X-125	36			
(V) S710A-997	155SX-125	46	(V) SR700D-580	155IN-125	36			
(V) S711C-997	155SY-15	46	(V) SR700E-346	155Q-200	36			
(V) SFG250-034	152SIN-40FG	43	(V) SR700E-540	155X-200	36			
(V) SR150CR-540	210X-80	29	(V) SR700E-580	155IN-200	36			
(V) SR160AR-200	210Y-15	29	(V) SR700MD-996	155MIN-125	52			
			(V) SR700ME-996	155MIN-200	52			
			(V) SR702E-350	155H-200	36			
			(V) SR710A-510	155Y-15	36			
			(V) SR710MA-996	155MY-15	52			
			(V) SR711D-510	155F-125	36			

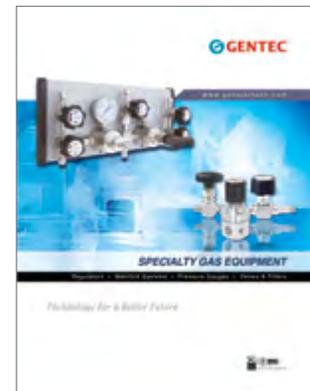
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Manifold Systems



Ultra High Purity



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Silver Series



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