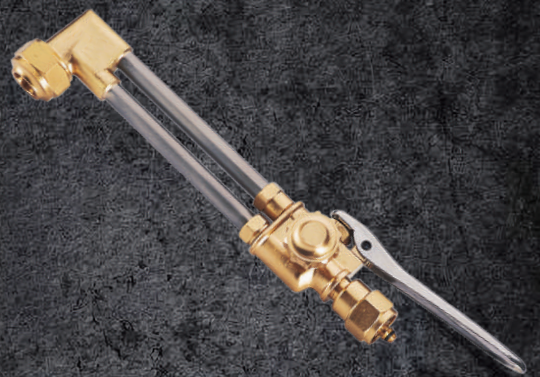


GOSS[®]

EQUIPMENT FOR PROFESSIONALS



Industrial Gas Welding & Cutting Catalog

About Goss Inc.

About Us

Since 1940, Goss Inc. has been a trusted name in torch technology—delivering industry-leading cutting and welding torches, regulators, and accessories for soldering, brazing, welding, cutting, and heating. Built on a legacy of innovation, durability, and precision, Goss products are engineered to perform under pressure. From industrial contractors to HVAC professionals, our customers know they can rely on Goss for tools that stand up to the job.

With every product we design, quality is our priority. Our torches are independently tested and have proven over many years to exceed the contractors' expectations, achieving unmatched performance and indestructibility. Backed by a knowledgeable support team and nationwide distributor network, Goss offers not just tools, but solutions.

Introducing Our Heavy-Duty Torch Line

As job demands grow, so do our capabilities. Goss is proud to introduce its new line of Heavy-Duty Torches—engineered for high-performance industrial applications where power, durability, and control matter most.

Whether you're tackling large-scale heating, structural welding, metal fabrication, or rugged outdoor tasks, our heavy-duty torch systems deliver maximum flame output, robust construction, and ergonomic handling. Designed with professional users in mind, these torches are compatible with a range of fuel gases and are built for the harshest environments. From reliable ignition to maximum BTU output, the new Goss heavy-duty line extends our tradition of excellence into a bold new performance category.

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KHDT-C540-5



Heavy-Duty V-Style

Cuts up to 8" (200mm)

Welds up to 1/2" (12.7mm) steel



Also available with Acetylene CGA 300 As Part # KHDT-C540-3

The KHDT-C540-5 Heavy-Duty Welding and Cutting Kit is ideal for construction, metal fabrication, large equipment repair, and demolition. Our kit is not only rugged, but we also keep safety in mind. Our torch handles come with built-in flashback arrestors and check valves to prevent dangerous fuel mixtures and flashbacks.

Oxygen Regulator	Acetylene Regulator	Cutting Attachment	Torch Handle with built in flashback arrestors and check valves		Cutting Tip
GSRH-C540	GSRH-C510	G-2460CA	GW-FC315		G-1-101-1
Welding Nozzles	Heating Nozzle	Twin Hose 1/4" x 20 ft	Goggle	Tip Cleaner	Spark Lighter
G-W-1 G-W-3 G-W-5	G-MFA-8	SW4-20B	MP-35W	MP-37AW	MP-1W



KMDT-C540-5

Medium-Duty V-Style

Cuts up to 6" (150mm)

Welds up to 3/8" (9mm) steel



Also available with Acetylene CGA 300 as Part # KMDT-C540-3

The KMDT-C540-5 Medium-Duty Welding and Cutting Kit is ideal for metal fabrication, construction, and automotive repair. Our kit is not only durable but also designed with safety in mind, with features such as built-in check valves and flashback arrestors to prevent dangerous fuel mixtures and flashbacks.

Oxygen Regulator	Acetylene Regulator	Cutting Attachment	Torch Handle with built in flashback arrestors and check valves	Cutting Tip
GSRM-C540	GSRM-C510	G-1350CA	GW-FC100	G-3-101-0
Welding Nozzle	Twin Hose 1/4" x 20 ft	Goggle	Tip Cleaner	Spark Lighter
G-W-1-0	SW4-20B	MP-35W	MP-37AW	MP-1W



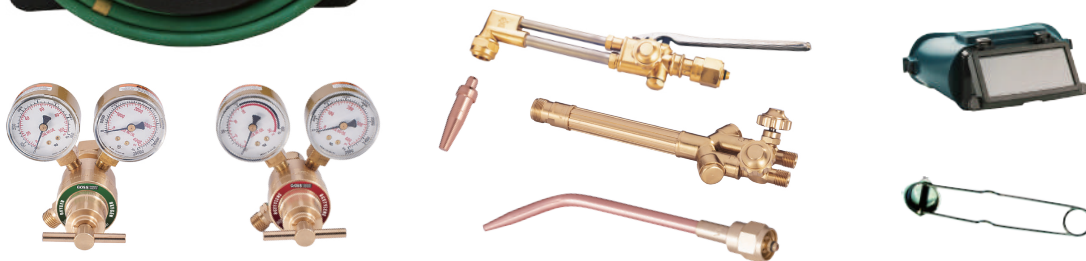
KPDT-C540 PORTABLE KIT



Oxy-Acetylene
V-Style

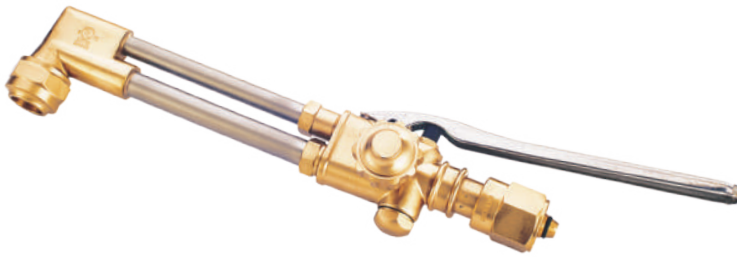
Cuts up to 6" (150mm)

Welds up to 3/8" (9mm) steel



The KPDT-C540 portable kit is ideal for various medium/light-duty welding and cutting applications. Our kit is not only extremely portable, but it also keeps safety in mind with built-in flashback arrestors and check valves in our torch handles to prevent dangerous fuel mixtures and flashbacks.

Oxygen Regulator	Acetylene Regulator	Cutting Attachment	Torch Handle	Cutting Tip
GSRL-C540-R Rear Entry	GSRL-C200-R Rear Entry	G-1350CA	GW-FC100	G-3-101-0
Welding Tip	Hose 3/16" x 12 ft	Goggle	Spark Lighter	
G-W-1-0	SW-12B	MP-35W	MP-1W	



G-2460CA

Heavy-Duty
V-Style



FEATURES

- 90° cutting head
- Cuts up to 8" (200 mm)
- 10 1/2" long (267 mm)
- Cutting attachment made of high-quality forged brass
- Stainless steel tubes and needle valve
- Use with torch handle GW-FC315
- Uses cutting tips series G-1-101 and G-1-GPN



G-1350CA

Medium-Duty
V-Style



FEATURES

- 90° cutting head
- Cuts up to 6" (150 mm)
- 8" long (203 mm)
- Cutting attachment made of high-quality forged brass
- Stainless steel tubes and valves
- Use with torch handle GW-FC100
- Uses cutting tips series G-3-101 and G-3-GPN

**FEATURES**

- Cuts up to 8" (200 mm)
- Welds up to 1/2" (12.7 mm)
- Torch Handle Length 9 1/2" (241 mm)
- Built-in check valves and flashback arrestors
- Torch handle made of high-quality forged brass
- Use with cutting attachment G-2460CA

**GW-FC315****Heavy-Duty
V-Style****FEATURES**

- Cuts up to 6" (150 mm)
- Welds up to 1 1/2" (38 mm)
- Torch Handle Length 8 1/2" (216 mm)
- Built-in flashback arrestors and check valves
- Torch handle made of high-quality forged brass
- Use with cutting attachment G-1350CA

**GW-FC100****Medium-Duty
V-Style**

Oxy-Acetylene
G-1-101 SERIES
 Heavy-Duty
 V-Style



Part #	Size	Metal Thickness	Cutting Oxygen (PSI)**	Acetylene (PSI)
G-1-101-000	000	1/8"	20/25	3/5
G-1-101-00	00	1/4"	20/25	3/5
G-1-101-0	0	1/2"	30/35	3/5
G-1-101-1	1	3/4"	30/35	3/5
G-1-101-2	2	1"	35/40	3/6
G-1-101-3	3	2"	40/45	4/8
G-1-101-4	4	3"	40/50	5/11
G-1-101-5	5	4"	45/55	6/13
G-1-101-6	6 *	6"	45/55	8/14
G-1-101-7	7 *	10"	45/55	10/15
G-1-101-8	8 *	12"	45/55	10/15

*Must use appropriate capacity torches and 3/8" hose when using tip size 6 or larger. Torches with flashback arrestors require up to 25% more pressure as tip sizes increases (15 psi maximum acetylene pressure).

**For the cutting oxygen, all pressures are measured at the regulator using a 25' x 3/8" hose for tip sizes 6 or larger.

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder's capacity per hour for continuous use and 1/10th for intermittent use.

G-3-101 SERIES
 Medium-Duty
 V-Style



Part #	Size	Metal Thickness	Cutting Oxygen (PSI)**	Acetylene (PSI)
G-3-101-000	000	1/8"	20/25	3/5
G-3-101-00	00	1/4"	20/25	3/5
G-3-101-0	0	1/2"	30/35	3/5
G-3-101-1	1	3/4"	30/35	3/5
G-3-101-2	2	1"	35/40	3/6
G-3-101-3	3	2"	40/45	4/8
G-3-101-4	4	3"	40/50	5/11
G-3-101-5	5	4"	45/55	6/13

*Must use appropriate capacity torches and 3/8" hose when using tip size 6 or larger. Torches with flashback arrestors require up to 25% more pressure as tip sizes increases (15 psi maximum acetylene pressure).

**For the cutting oxygen, all pressures are measured at the regulator using a 25' x 3/8" hose for tip sizes 6 or larger.

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder's capacity per hour for continuous use and 1/10th for intermittent use.

Oxy-Propane
G-1-GPN SERIES
 Heavy-Duty
 V-Style



Part #	Size	Metal Thickness	Cutting Oxygen (PSI)**	Acetylene (PSI)
G-1-GPN-000	000	1/8"	20/25	3/5
G-1-GPN-00	00	1/4"	20/25	3/5
G-1-GPN-0	0	1/2"	30/35	3/5
G-1-GPN-1	1	3/4"	30/35	3/6
G-1-GPN-2	2	1 1/2"	40/45	5/9
G-1-GPN-3	3	2 1/2"	45/50	6/10
G-1-GPN-4	4	3"	40/50	8/12
G-1-GPN-5	5	5"	50/55	8/12
G-1-GPN-6	6 *	6"	45/55	10/15
G-1-GPN-7	7 *	8"	55/65	10/15
G-1-GPN-8	8 *	12"	60/70	10/15

*Must use appropriate capacity torches and 3/8" hose when using tip size 6 or larger. Torches with flashback arrestors require up to 25% more pressure as tip sizes increases (15 psi maximum acetylene pressure).

**For the cutting oxygen, all pressures are measured at the regulator using a 25' x 3/8" hose for tip sizes 6 or larger.

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder's capacity per hour for continuous use and 1/10th for intermittent use.

G-3-GPN SERIES
 Medium-Duty
 V-Style



Part #	Size	Metal Thickness	Cutting Oxygen (PSI)**	Acetylene (PSI)
G-3-GPN-000	000	1/8"	20/25	3/5
G-3-GPN-00	00	1/4"	20/25	3/5
G-3-GPN-0	0	1/2"	30/35	3/5
G-3-GPN-1	1	3/4"	30/35	3/6
G-3-GPN-2	2	1 1/2"	40/45	5/9
G-3-GPN-3	3	2 1/2"	45/50	6/10
G-3-GPN-4	4	3"	40/50	8/12
G-3-GPN-5	5	5"	50/55	8/12

*Must use appropriate capacity torches and 3/8" hose when using tip size 6 or larger. Torches with flashback arrestors require up to 25% more pressure as tip sizes increases (15 psi maximum acetylene pressure).

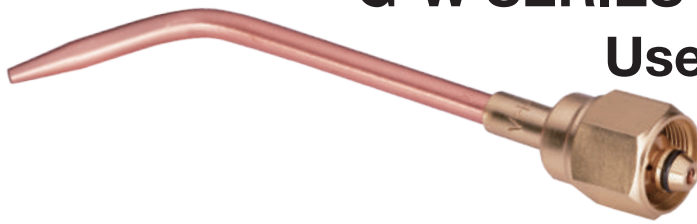
**For the cutting oxygen, all pressures are measured at the regulator using a 25' x 3/8" hose for tip sizes 6 or larger.

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder's capacity per hour for continuous use and 1/10th for intermittent use.

G-W SERIES WELDING NOZZLES

Use with Oxy-Acetylene

**Heavy-Duty
V-Style**



Part #	Tip Size	Drill Size	Metal Thickness	Oxygen Pressure (PSIG)	Acetylene Pressure (PSIG)	Acetylene Consumption (SCFH)	Use With
G-W-000	000	75 (.022)	Up to 1/32"	3/5	3/5	1/2	
G-W-00	00	70 (.028)	1/16" - 3/64"	3/5	3/5	1/3	
G-W-0	0	65 (.035)	1/32" - 5/64"	3/5	3/5	2/4	
G-W-1	1	60 (.040)	3/64" - 3/32"	3/5	3/5	3/6	
G-W-2	2	56 (.046)	1/16" - 1/8"	3/5	3/5	5/10	Torch Handle GW-FC315
G-W-3	3	53 (.060)	1/8" - 3/16"	4/7	3/6	8/18	
G-W-4	4	49 (.073)	3/16" - 1/4"	5/10	4/7	10/25	
G-W-5	5	43 (.089)	1/4" - 1/2"	6/12	5/8	15/35	
G-W-6	6	36 (.106)	1/2" - 3/4"	7/14	6/9	25/45	
G-W-7	7	30 (.128)	3/4" - 1 1/4"	8/16	8/10	30/60	

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder’s capacity per hour for continuous use and 1/10th for intermittent use.

G-W-1 SERIES WELDING NOZZLES

Use with Oxy-Acetylene

**Medium-Duty
V-Style**



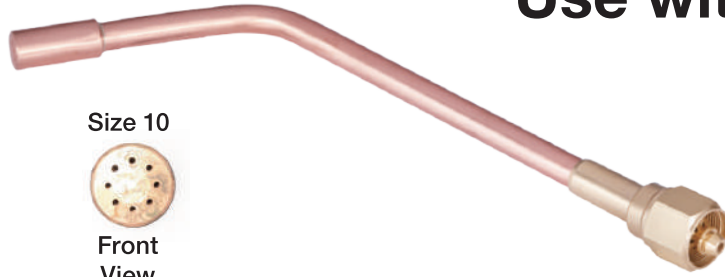
Part #	Tip Size	Drill Size	Metal Thickness	Oxygen Pressure (PSIG)	Acetylene Pressure (PSIG)	Acetylene Consumption (SCFH)	Use With
G-W-1-000	000	75 (.022)	Up to 1/32"	3/5	3/5	1/2	
G-W-1-00	00	70 (.028)	1/16" - 3/64"	3/5	3/5	1/3	
G-W-1-0	0	65 (.035)	1/32" - 5/64"	3/5	3/5	2/4	
G-W-1-1	1	60 (.040)	3/64" - 3/32"	3/5	3/5	3/6	
G-W-1-2	2	56 (.046)	1/16" - 1/8"	3/5	3/5	5/10	Torch Handle GW-FC100
G-W-1-3	3	53 (.060)	1/8" - 3/16"	4/7	3/6	8/18	
G-W-1-4	4	49 (.073)	3/16" - 1/4"	5/10	4/7	10/25	
G-W-1-5	5	43 (.089)	1/4" - 1/2"	6/12	5/8	15/35	
G-W-1-6	6	36 (.106)	1/2" - 3/4"	7/14	6/9	25/45	
G-W-1-7	7	30 (.128)	3/4" - 1 1/4"	8/16	8/10	30/60	

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder’s capacity per hour for continuous use and 1/10th for intermittent use.

G-MFA SERIES HEATING NOZZLE

Use with Oxy-Acetylene

Heavy-Duty
V-Style



Size 10



Front View

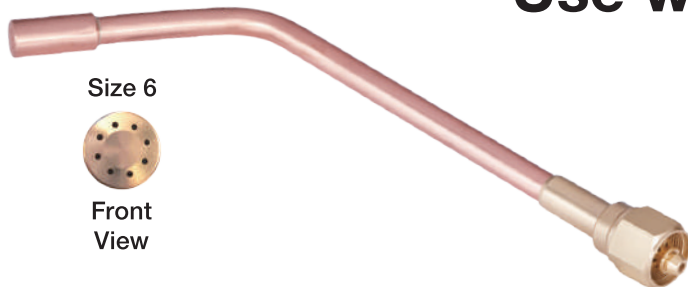
Part #	Size	Acetylene (PSIG)	Oxygen (PSIG)	Fuel Consumption (SCFH)	Oxygen Consumption (SCFH)	Use With
G-MFA-6	6	8/12	10/15	14/40	15/44	Torch Handle GW-FC315
G-MFA-8	8	10/15	20/30	30/80	33/88	
G-MFA-10	10	12/15	30/40	40/100	44/110	
G-MFA-12	12	12/15	50/60	60/150	66/165	
G-MFA-15	15	12/15	50/60	90/220	99/244	

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder’s capacity per hour for continuous use and 1/10th for intermittent use.

G-MFA-1 SERIES HEATING NOZZLE

Use with Oxy-Acetylene

Medium-Duty
V-Style



Size 6



Front View

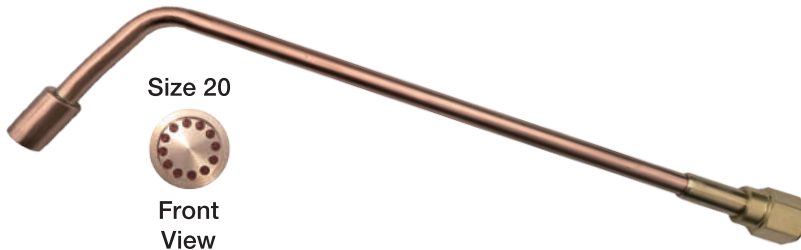
Part #	Size	Acetylene (PSIG)	Oxygen (PSIG)	Fuel Consumption (SCFH)	Oxygen Consumption (SCFH)	Use With
G-MFA-1-4	4	6/10	8/12	6/20	7/22	Torch Handle GW-FC100
G-MFA-1-6	6	8/12	10/15	14/40	15/44	
G-MFA-1-8	8	10/15	20/30	30/80	33/88	

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder’s capacity per hour for continuous use and 1/10th for intermittent use.

G-MFN SERIES HEATING NOZZLE

Use with Oxy-Propane or Oxy-Propylene

Heavy-Duty
V-Style



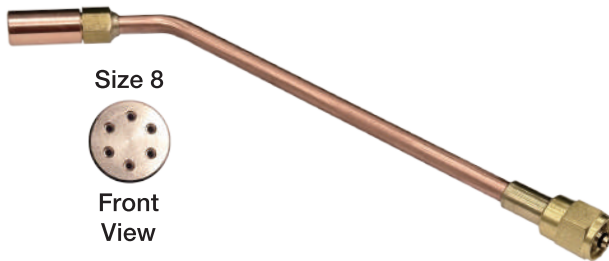
Part #	Size	Acetylene (PSIG)	Oxygen (PSIG)	Fuel Consumption (SCFH)	Oxygen Consumption (SCFH)	Use With
G-MFN-8	8	10/15	10/20	10/35	40/140	Torch Handle GW-FC315
G-MFN-10	10	12/20	10/30	20/80	80/320	
G-MFN-12	12	15/25	30/125	30/160	120/640	
G-MFN-15	15	15/25	30/125	50/200	200/800	
G-MFN-20	20	15/25	40/135	75/250	300/100	

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder’s capacity per hour for continuous use and 1/10th for intermittent use.

G-MFN-1 SERIES HEATING NOZZLE

Use with Oxy-Propane or Oxy-Propylene

Medium-Duty
V-Style



Part #	Size	Acetylene (PSIG)	Oxygen (PSIG)	Fuel Consumption (SCFH)	Oxygen Consumption (SCFH)	Use With
G-MFN-1-6	6	2/10	8/20	5/20	20/80	Torch Handle
G-MFN-1-8	8	10/15	10/20	10/35	40/140	GW-FC100

Caution – The maximum recommended withdrawal rate for acetylene gas is 1/7th of the cylinder’s capacity per hour for continuous use and 1/10th for intermittent use.

GSRH Series
Heavy-Duty
V-Style

CONFORMS WITH
EN ISO 2503



GSRH-C300



GSRH-C510

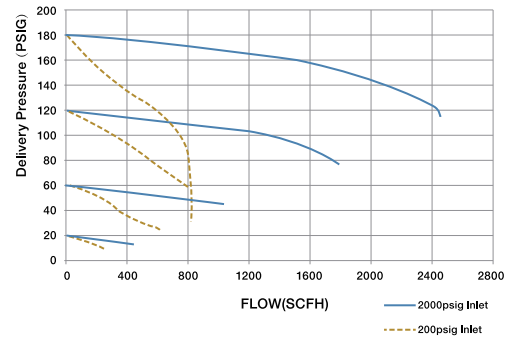


GSRH-C540

FEATURES

- Drop forged brass body and bonnet
- Stainless steel diaphragms
- Easy to read 2.5” gauges

Flow Data



Part #	Gas	Max Inlet Pressure (PSI)	Max. Delivery Pressure (PSI)	Inlet Connection	Outlet Connection
GSRH-C300	Acetylene	400	15	CGA-300	9/16"-18LH(M)
GSRH-C510	Acetylene	400	15	CGA-510	9/16"-18LH(M)
GSRH-C540	Oxygen	3000	180	CGA-540	9/16"-18RH(M)

GSRM Series
Medium-Duty
V-Style

CONFORMS WITH
EN ISO 2503



GSRM-C300



GSRM-C510



GSRM-C346



GSRM-C540

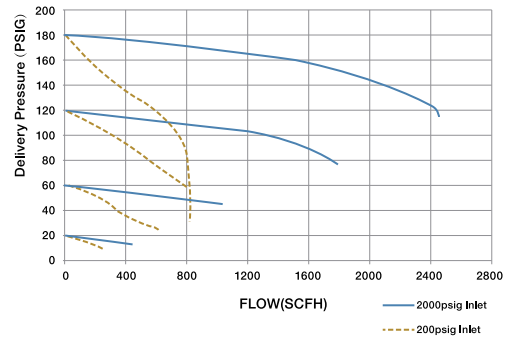


GSRM-C580

FEATURES

- Compact body and bonnet for medium industrial and commercial usage
- Drop forged brass body and bonnet
- Neoprene diaphragm
- 2" gauges

Flow Data



Part #	Gas	Max Inlet Pressure (PSI)	Max. Delivery Pressure (PSI)	Inlet Connection	Outlet Connection
GSRM-C300	Acetylene	400	15	CGA-300	9/16"-18LH(M)
GSRM-C510	Acetylene	400	15	CGA-510	9/16"-18LH(M)
GSRM-C346	Medical Air	3000	180	CGA-346	9/16"-18RH(M)
GSRM-C540	Oxygen	3000	180	CGA-540	9/16"-18RH(M)
GSRM-C580	Argon, Nitrogen Helium	3000	180	CGA-580	5/8"-18RH(F)

GSRL Series
Light-Duty
V-Style

CONFORMS WITH
EN ISO 2503



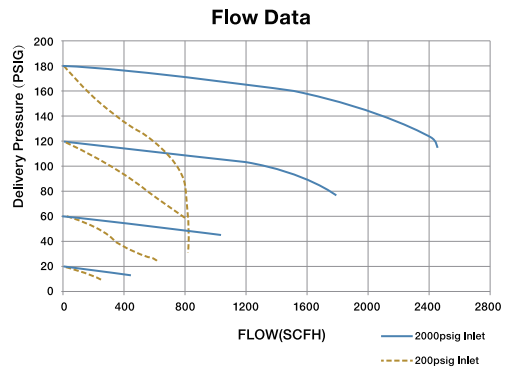
GSRL-C200-R



GSRL-C540-R

FEATURES

- Machined brass body and housing cap
- Contains built-in safety relief valve
- Neoprene diaphragm
- 2" gauges



Part #	Gas	Max Inlet Pressure (PSI)	Max. Delivery Pressure (PSI)	Inlet Connection	Outlet Connection
GSRL-C200-R	Acetylene	400	15	CGA-200	9/16"-18LH(M)
GSRL-C540-R	Oxygen	3000	80	CGA-540	9/16"-18RH(M)

GRAC-C580

Argon/CO2 Flowgauge Regulator
With Hose

CONFORMS WITH
EN ISO 2503



FEATURES

- Compact design Argon/CO2 pressure regulator
- Machined brass body
- Neoprene diaphragm
- 2” gauges

Part #	Gas	Max. Inlet Pressure(PSI)	Flow Capacity (SCFH)	Inlet Connection	Outlet Connection	Hose
GRAC-C580	Argon/CO2	3000	60SCFH	CGA-580	9/16"-18RH(M) or 5/8"-18RH(F)	9ft (3m)

GFMR Series
 Flowmeter Regulator
 Medium-Duty
 V-Style

CONFORMS WITH
 EN ISO 2503



FEATURES

- Medium Duty Flowmeter Regulator for MIG and TIG applications
- Piston-type construction
- Outlet pressure 50PSI
- Machined brass body
- 1.5" gauge

Part #	Gas	Max. Inlet Pressure (PSI)	Outlet Pressure	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
GFMR-60-CO2	CO2	3000	50	60SCFH	CGA-320	5/8"-18RH (F)
GFMR-60-AR	Argon	3000	50	60SCFH	CGA-580	5/8"-18RH (F)
GFMR-60H-CO2 (w/ Hose)	CO2	3000	50	60SCFH	CGA-320	9/16"-18RH(M) or 5/8"-18RH(F)
GFMR-60H-AR (w/ Hose)	Argon	3000	50	60SCFH	CGA-580	9/16"-18RH(M) or 5/8"-18RH(F)

GFTR-60
Flowmeter

CONFORMS WITH
EN ISO 2503

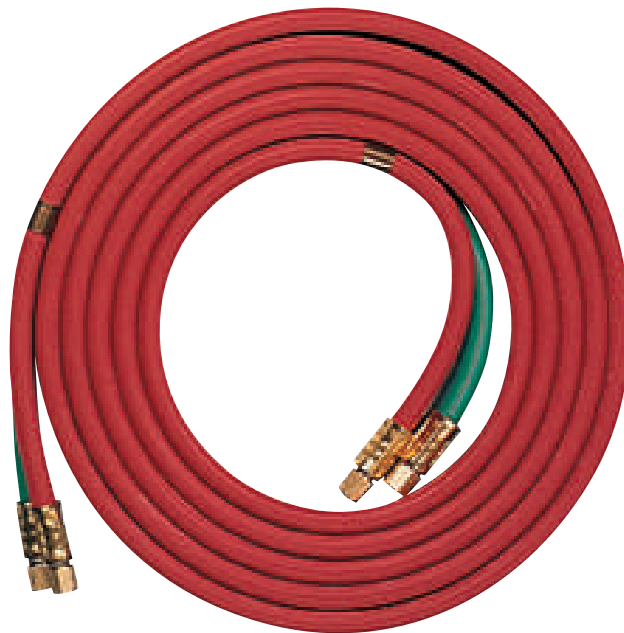


FEATURES

- Precision engineered flowmeter for MIG and TIG applications
- Flowmeter with polycarbonate transparent tube
- Pressure adjustment knob for accurate flow
- Machined brass body

Part #	Gas	Max. Inlet Pressure(Psi)	Flowmeter Range (SCFH)	Inlet Connection	Outlet Connection
GFTR-60	Argon/CO2	50	0-60 SCFH	1/4" NPT (M)	5/8"-18RH(F)

**Twin Welding Hose
Oxygen/Acetylene
Grade R**



SW4-12B	12' (B) Fittings 1/4" ID
SW4-25B	25' (B) Fittings 1/4" ID
SW4-50B	50' (B) Fittings 1/4" ID
SW4-100B	100' (B) Fittings 1/4" ID



GOSS[®]

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