

GAZCUT

GAS APPRATUS

WELDING/CUTTING MACHINE FITTINGS



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COMCO INDUSTRIES GROUP

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WHAT WE ARE OFFERING:

In Addition to the main sectors of cutting/welding/beveling machines, Gazcut has been extending the product line to cover all kinds of gas apparatus and machine fittings & tools under the cooperation with

Comco Industries Group which established in 1998.

Gazcut has been aggressively updating the quality standard and targeting mainly at the North/South America market. Most products are tailored to serve the popular needs. Of course, welcome the customized needs under the long-term cooperation.

Cooperation means the start and process! Our efforts never end!

QUALITY STATEMENT

GAZCUT is committed to providing superior quality, reliable products that earn our customer's confidence. Our mission is to providing safe, reliable performance to secure and expand your market share.

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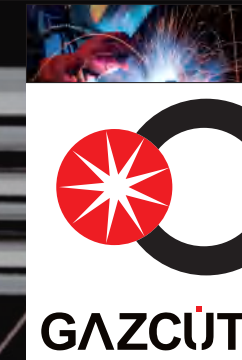
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CUTTING TIPS

KOIKE CUTTING TIPS



102

106

102HC

106HC

102 Standard Speed Cutting Nozzles-Oxy/Acetylene or Natural Gas
102HC High Speed Cutting Nozzles-Oxy/Acetylene or Natural Gas
106 Standard Speed Cutting Nozzles-Oxy/LPG or Natural Gas
106HC High Speed Cutting Nozzles-Oxy/LPG or Natural Gas

No.	Orifice size (mm))	Cutting thickness (mm)	Oxygen Pressure (kg/cm2)	Acetylene Pressure (kg/cm2)	Propane Pressure (kg/cm2)
00	0.8	0-5	1.5	0.2	0.2
0	1.0	5-10	2.0	0.2	0.22
1	1.2	10-15	2.5	0.2	0.2
2	1.4	15-30	3.0	0.2	0.25
3	1.6	30-40	3.0	0.2	0.25
4	1.8	40-50	3.5	0.25	0.3
5	2.0	50-100	4.0	0.3	0.3
6	2.4	100-150	4.0	0.35	0.4
7	2.8	150-250	4.5	0.4	0.4
8	3.2	250-300	4.5	0.4	0.4

EUROPE UNIVERSAL CUTTING TIPS



ANME

PNME

ANM/PNM/ANME -9/18,PNME 9 are available.
Details on www.cncomco.com.com

No.	Kerf width (inch)	Cutting thickness (mm)	Oxygen Pressure (kg/cm2)	Acetylene Pressure (kg/cm2)	Propane Pressure (kg/cm2)
0#	1/64	3-10	2-3.5	0.14	0.2
1#	1/32	10-25	3-5	0.2	0.25
2#	1/16	25-40	4-5.5	0.25	0.3
3#	5/64	40-60	4.5-6	0.35	0.35
4#	3/32	60-100	5-6.5	0.35	0.4
5#	7/64	100-200	5.5-8	0.4	0.4

VICTOR CUTTING TIPS



1-101

GPN

Other type available such as 1-108 1-118,GPM, GPP,HPN,MTHN etc. Details on www.cncomco.com

No.	Kerf width (mm)	Cutting thickness (mm)	Oxygen Pressure (kg/cm2)	Acetylene Pressure (kg/cm2)	Propane Pressure (kg/cm2)
000#	0.66	1-3	1.5-2.0	0.32	0.35
00#	0.8	3-6	1.5-2.0	0.32	0.35
0#	1.0	6-10	2.0-2.5	0.32	0.35
1#	1.2	10-20	2.0-2.5	0.35	0.42
2#	1.5	20-40	2.5-3.2	0.45	0.63
3#	1.8	40-60	2.5-3.5	0.60	0.69
4#	2.1	60-80	3.2-4.0	0.70	0.83
5#	2.5	80-125	3.2-4.5	0.85	0.95
6#	3.0	125-200	3.2-5.6	0.95	1.10
7#	3.6	200-250	3.2-5.6	1.00	1.10
8#	4.1	250-300	4.0-6.0	1.00	1.10

HARRIS CUTTING TIPS



6290

6290NX

6290VVC

Other type available such as 6290AC,6290G/GG, 6290N/NH/NFF etc. Details on www.cncomco.com

No.	Kerf width (mm)	Cutting thickness (mm)	Oxygen Pressure (PSI)	Acetylene Pressure (PSI)	Propane Pressure (PSI)
000#	0.8	1-5	15-30	5-15	5-15
00#	0.9	5-10	25-35	5-15	5-15
0#	1.0	10-15	30-50	5-15	5-15
1#	1.2	15-25	40-65	5-15	5-15
2#	1.6	25-50	40-65	10-15	10-15
3#	2.0	50-100	40-65	10-15	10-15
4#	2.4	100-175	50-80	10-15	10-15
5#	2.8	175-250	65-80	10-20	10-20
6#	3.2	250-300	70-95	10-20	10-20

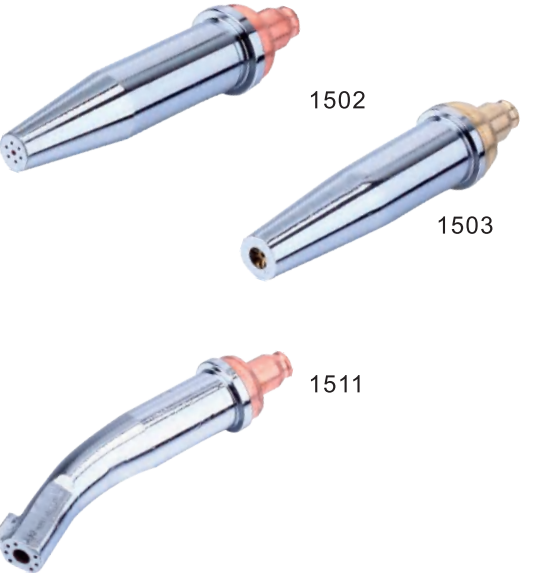
HARRIS HEATING NOZZLES

MODEL 2290



No.	Nozzle Diameter (mm)	Heating Output (kw)	Oxygen Pressure (kg/cm2)	Propane Pressure (kg/cm2)
1H	10	245-555	0.7-2	0.14-0.49
2H	12	350-640	1.1-2.5	0.21-0.46
3H	22	620-1230	1.8-5.0	0.28-1.1
4H	38	800-1380	2.5-5.7	0.35-1.3
5H	50	955-2100	3.5-8.7	0.85-2.1

OXWELD CUTTING TIPS



1502

1503

1511

No.	Kerf width (mm)	Cutting thickness (mm)	Oxygen Pressure (kg/cm2)	Acetylene Pressure kg/cm2)	Propane Pressure kg/cm2)
2#	0.6	0-3	1.2-1.5	0.34	0.34
3#	0.8	3-6	1.7-2.1	0.34	0.34
4#	1.0	6-10	2.1-2.8	0.34	0.34
6#	1.5	10-25	2.1-2.8	0.34	0.41
8#	2.0	25-50	2.8-4.1	0.41	0.48
10#	2.5	50-100	4.1-5.0	0.55	0.55
12#	3.05	100-150	6.0-6.9	0.68	0.75
16#	4.05	150-200	6.5-7.0	0.70	0.75

No.	Kerf width (mm)	Gouging thickness (mm)	Oxygen Pressure (kg/cm2)	Acetylene Pressure kg/cm2)	Gas Flow (L/H)	
					oxygen	Ace.
13#	1.3	6-9	4.7-5.5	0.4	165	32
19#	1.9	8-11	5.5-6.3	0.5	396	60
25#	2.5	9-12	6.3-7.0	0.6	656	74

AIRCO CUTTING TIPS



144



261



164

Other type available such as 138,183,363,375,AFH,345.
Details on www.cncomco.com

SMITH CUTTING TIPS



SC-12

Other type available such as SC-40/50/60,SC21A,
MC12/40/60. Details on www.cncomco.com

No.	Kerf width (mm)	Cutting thickness (mm)	Oxygen Pressure (kg/cm2)	Acetylene Pressure (kg/cm2)
00#	0,8	3-5	1,7-2,2	0,2
0#	1,0	5-10	2,0-2,8	0,2
1#	1,2	10-15	2,5-3,5	0,2
2#	1,4	15-30	3,0-3,8	0,2
3#	1,6	30-40	3,6-4,0	0,2
4#	1,85	40-50	3,8-4,3	0,25
5#	2,1	50-100	4,0-4,5	0,3
6#	2,4	100-150	4,5-5,0	0,35
7#	2,8	150-200	4,8-5,5	0,4
8#	3,3	200-300	4,8-5,5	0,4

No.	Kerf width (mm)	Cutting thickness (mm)	Oxygen Pressure (kg/cm2)	Propane Pressure (kg/cm2)
00#	0,6	1-3	1,5-2,0	0,2
0#	0,8	3-6	2,0-2,4	0,22
1#	1,0	6-10	2,4-3,0	0,22
2#	1,2	10-15	3,0-3,5	0,25
3#	1,4	15-25	3,5-4,0	0,25
4#	1,6	25-50	3,8-4,3	0,30
5#	1,9	50-100	4,0-4,5	0,35
6#	2,5	100-150	4,2-4,8	0,35
7#	2,8	150-200	4,5-5,0	0,45
8#	3,2	200-250	4,5-5,0	0,45

No.	Kerf width (mm)	Cutting thickness (mm)	Oxygen Pressure (kg/cm2)	Acetylene Pressure (kg/cm2)
00#	0,8	3-5	1,5-2,0	0,2
0#	1,0	5-10	2,0-2,4	0,2
1#	1,2	10-15	2,4-3,0	0,2
2#	1,4	15-30	3,0-3,5	0,2
3#	1,6	30-40	3,5-4,0	0,2
4#	1,85	40-50	3,8-4,3	0,25
5#	2,1	50-100	4,0-4,5	0,3
6#	2,4	100-150	4,2-4,8	0,35
7#	2,8	150-200	4,5-5,0	0,4
8#	3,3	200-300	4,5-5,0	0,4

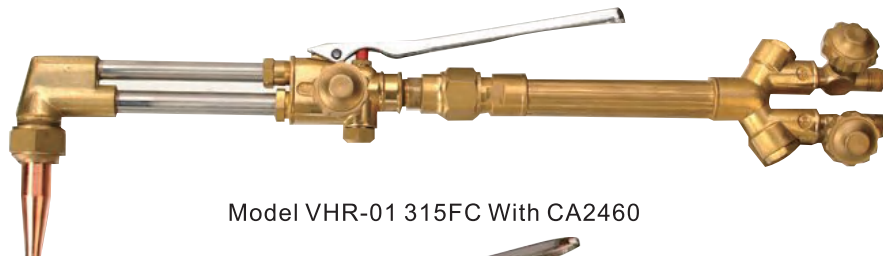
No.	Kerf width (mm)	Cutting thickness (mm)	Oxygen Pressure (kg/cm2)	Acetylene Pressure (kg/cm2)
000#	0,7	1-3	1,5-2,0	0,2
00#	0,8	3-5	1,5-2,2	0,2
0#	1,0	5-10	2,0-2,4	0,2
1#	1,2	10-15	2,4-3,0	0,25
2#	1,4	15-30	3,0-3,5	0,25
3#	1,6	30-40	3,5-4,0	0,3
4#	1,85	40-50	3,8-4,3	0,3
5#	2,1	50-100	4,0-4,5	0,35
6#	2,4	100-150	4,2-4,8	0,38
7#	2,8	150-200	4,5-5,0	0,43
8#	3,3	200-300	4,5-5,0	0,45



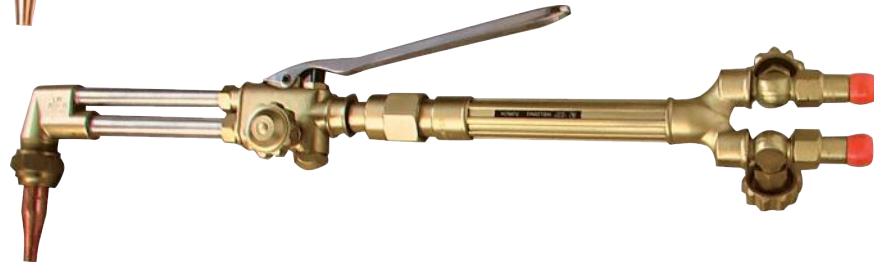


VICTOR STYLE

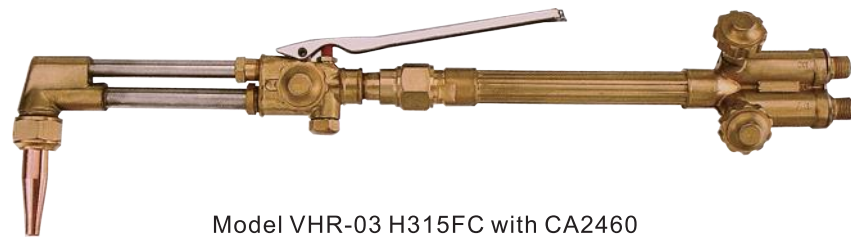
COMBINED CUTTING TORCH (TORCH HANDLE + CUTTING ATTACHMENT)
HEAVY DUTY CUTTING



Model VHR-01 315FC With CA2460



Model VHR-02 315CS With CA2460



Model VHR-03 H315FC with CA2460

CUTTING TORCH HANDLE

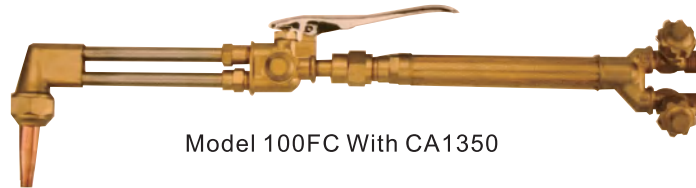
Part No.	Model No.	Hose Connection	Gas	Weight	Length
CT21001	315CS	9/16"-18	All	18 Oz.	8 1/2"
CT21002	315FC	9/16"-18	All	18 Oz.	9"
CT21003	H315FC	9/16"-18	All	18 Oz.	9"



CUTTING ATTACHMENT NOTE:H315C is an extra high flow heavy duty torch handle

Part No.	Model No.	Cutting Range	Tip Series	Heading Angle
CT22000	CA2460	8"/200mm	1	90°
CT22001	CA2461	8"/200mm	1	75°
CT22012	CA2462	8"/200mm	1	180°

MEDIUM DUTY CUTTING



Model 100FC With CA1350

CUTTING TORCH HANDLE

Part No.	Model No.	Hose Connection	Gas	Weight	Length
CT21008	100FC	9/16"-18	All	14 Oz.	8 1/2"

CUTTING ATTACHMENT

Part No.	Model No.	Cutting Range	Tip Series	Heading Angle
CT22010	CA1350	6"/150mm	3	90°
CT22011	CA1351	6"/150mm	3	75°
CT22012	CA1352	6"/150mm	3	180°

LIGHT DUTY CUTTING



Model J-28 With CA1260

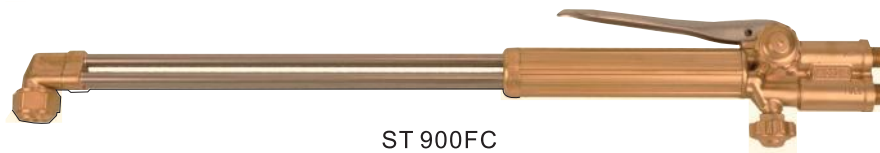
CUTTING TORCH HANDLE

Part No.	Model No.	Hose Connection	Gas	Weight	Length
CT21031	J-28	3/8"-24	All	5 1/20 Oz.	3/ 3/4"

CUTTING ATTACHMENT

Part No.	Model No.	Cutting Range	Tip Series	Heading Angle
CT21021	CA1260	3"/75mm	3	90°

INTEGRATED STRAIGHT CUTTING TORCHES



ST 900FC

Part No.	Model No.	Hose Connection	Tip Series	Heading Angle	Length
CT23001	ST900FC	9/16"-18	1	90°	19"/480mm
CT23002	ST901FC	9/16"-18	1	75°	19"/480mm



HARRIS STYLE

**COMBINED CUTTING TORCH
[TORCH HANDLE + CUTTING ATTACHMENT]**

HEAVY DUTY CUTTING



200MM CUTTING THICKNESS 43-2/73-3

Part No.	Model No.	Hose Connection	Tip Series	Heading Angle	Length
CT24001	43-2	9/16"-18	6290.6290NX	90°	19"/475mm

MEDIUM –HEAVY DUTY CUTTING



150mm cutting thickness 63-2/73-3

Part No.	Model No.	Hose Connection	Tip Series	Heading Angle	Length
CT24008	85	9/16"-18	6290、6290NX	90°	19"/480mm

LIGHT -MEDIUM DUTY CUTTING



127mm cutting thickness 85/72-3

Part No.	Model No.	Hose Connection	Tip Series	Heading Angle	Length
CT24012	85/73-3	9/16"-18	6290、6290NX	90°	19"/480mm

INTEGRATED CUTTING TORCH [STRAIGHT TYPE]

HEAVY DUTY CUTTING



200mm cutting thickness 62-3F

Part No.	Model No.	Hose connection	Tip Series	Heading Angle	Length
CT25001	62-3F	9/16"-18	6290、6290NX	90°	19"/480mm
CT25005	62-3FL	9/16"-18	6290、6290NX	90°	44"/1100mm

MEDIUM DUTY CUTTING



150mm cutting thickness 42-4

MEDIUM DUTY CUTTING



150-200 cutting thickness 42-3

HEAVY DUTY CUTTING



200mm cutting thickness 45-4

MEDIUM –HEAVY DUTY,CUTTING UP TO150- 200mm

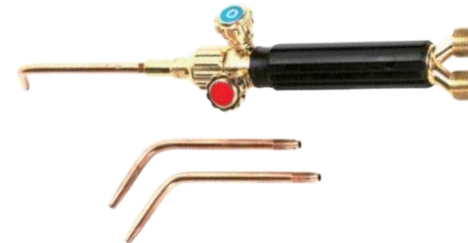
Part No.	Model No.	Hose connection	Tip Series	Heading Angle	Length
CT24112	42-4	9/16"-18	6290	90°	17"/420mm
CT24113	42-4L	9/16"-18	6290	90°	19.7"/400mm
CT24114	42-4F	9/16"-18	6290NX	90°	17"/420mm
CT24115	42-4FL	9/16"-18	6290NX	90°	19.7"/500mm
CT24121	42-3 series	9/16"-18	6290/6290NX	90°	530,600,835,1090
CT24131	45-4	9/16"-18	6290	90°	835,1000

WELDING TORCH

Harris Style Micro Torch Handle for oxy Brazing Different size welding tips are available to fit with.

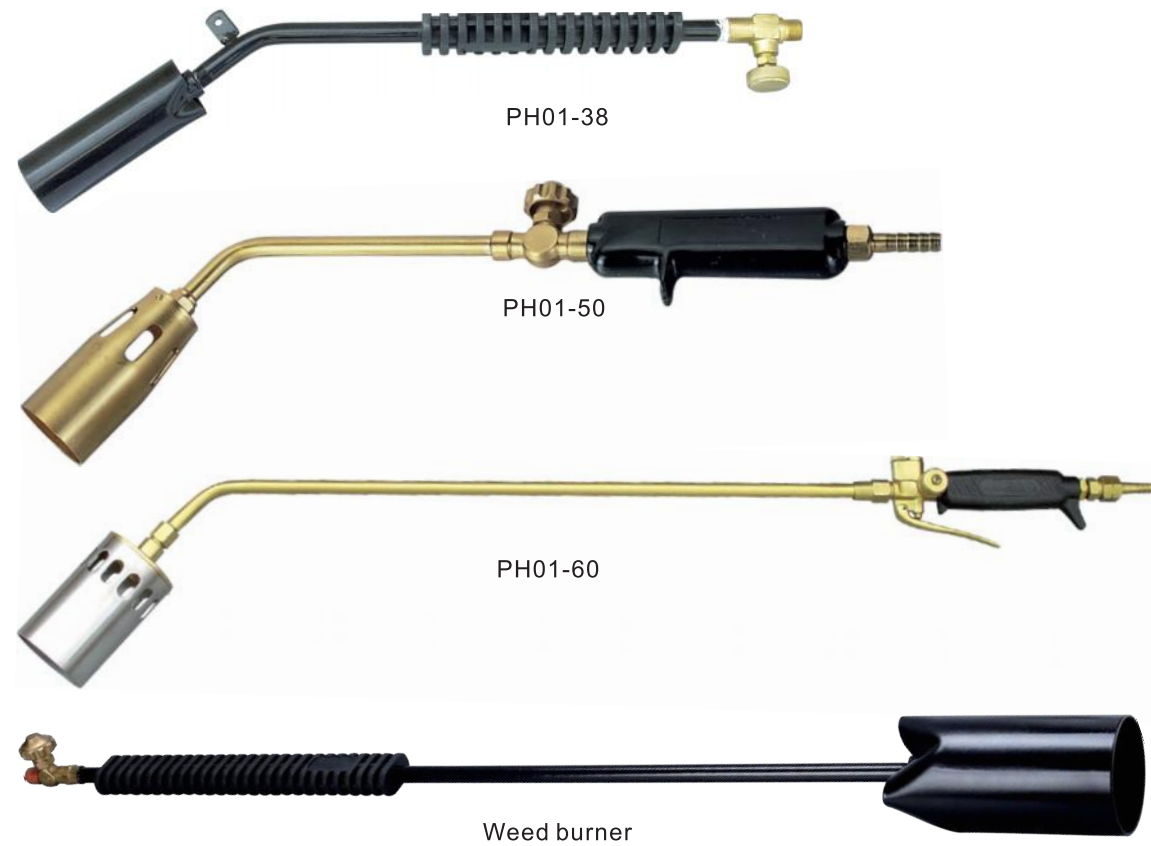


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HEATING TORCH (NOZZLES ARE CONVERTIBLE FOR DIFFERENT SIZE)



REGULATORS

SR70X

MODEL

SINGLE STAGE EXTRA HEAVY DUTY

SR 700 SERIES / SINGLE STAGE EXTRA HEAVY DUTY

APPLICATION & USES

.Extra Heavy duty

.High flow rate:- Up to 11,800 SCFH

.Heavy duty cutting application

.Single stage construction

DESIGN/CONSTRUCTION

.Forged Brass body and Housing Cap

.2-1/2 Gauges Brass

.Stem type seat mechanism

.3-1/4" diaphragm (S.S)

.Sintered inlet filter.

PERFORMANCE

Maximum inlet----3000PSIG

Delivery Range.....see chart

SPECIFICATIONS MATERIALS

BODY.....Forged Brass

Diaphragm.....Stainless Steel

Housing Cap.....Forged Brass

Note: Regulators will deliver at Least the stated upper range and in some cases may exceed the stated upper range

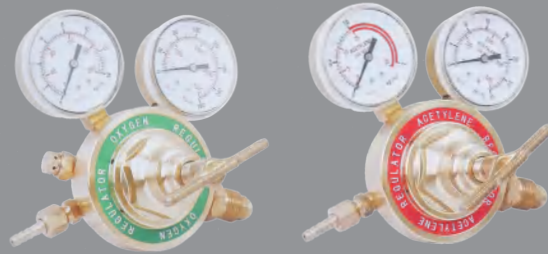
Gas service	Model No.	Delivery Range (PSIG)	Part No.
Air, Oxygen, Inert gas	SR 700 D-540	5-125	0780-0727
	SR 700 D-580	5-125	0780-0728
	SR 700 E-346	10-200	0780-0742
	SR 700 E-540	10-200	0780-0739
	SR 700 E-580	10-200	0780-0743
Methane	SR 702 E-350	10-200	080-0767
Hydrogen			
Acetylene	SR 710 A-510	2-15	0780-0784
L.P.Gas	SR 711 D-510	5-125	0780-0795

*Delivery Range Key

A 2-15 PSIG, D. 5-125 PSIG E 10-200 PSIG

Outlet connections" 7/8"-14 (M) or 9/16"-18

Inlet connections: refer to the last section number in the Model No.



SR35X

MODEL

SINGLE STAGE HEAVY/MEDIUM DUTY

SR-350 SERIES / SINGLE STAGE HEAVY/MEDIUM DUTY

APPLICATION & USES

.Medium duty Gas service

.Applications ranging from severe to moderate conditions

.Single stage design

DESIGN/CONSTRUCTION

.Forged Brass body and Housing Cap

.2-1/2 Gauges Brass

.Stem type seat mechanism

.2-3/4" diaphragm

.Sintered inlet filter.

PERFORMANCE

Maximum inlet----2400PSIG

Delivery Range.....see chart

SPECIFICATIONS MATERIALS

BODY.....Forged Brass

Diaphragm.....Neoprene

Housing Cap.....Forged Brass

Inlet Filter.....Bronze

Note: Regulators will deliver at Least the stated upper range and in somecases may exceed the stated upper range

Gas service	Model No.	Delivery Range (PSIG)	Part No.
Oxygen, Argon	SR 350 D-540	5-125	0781-2341
	CSR 350 D-580	5-125	0781-2274
Nitrogen	SR 350-H-580	15-450	0781-2501
Acetylene	SR 360A-510	2-15	0781-2408
	SR 360A-300	2-15	0781-2400

*Delivery Range Key

A 2-15 PSIG, D. 5-125 PSIG E 10-200 PSIG F. 15-450

Outlet connections 9/16"-18 [M]

Inlet connections: refer to the last section number in the Model No.

CSR: Green Gauges-Oxygen.. Red Gauges-Fuel



SR45X

MODEL

SINGLE STAGE HEAVY DUTY

SR-450 SERIES / SINGLE STAGE HEAVY DUTY

APPLICATION & USES

.Medium to high Capcity Gas service

.Wide variety of industrial and commercial applications.

. Construction

.Petro-Chemical

.Single stage construction

DESIGN/CONSTRUCTION

.Forged Brass body and Housing Cap

.2-1/2 Gauges Brass

.Stem type seat mechanism

.3-1/4" diaphragm (S.S)

.Sintered inlet filter.

PERFORMANCE

Maximum inlet----3000PSIG

Delivery Range.....see chart

SPECIFICATIONS MATERIALS

BODY.....Forged Brass

Diaphragm.....Stainless Steel

Housing Cap.....Forged Brass

Inlet Filter.....Bronze

Note: Regulators will deliver at Least the stated upper range and in some cases may exceed the stated upper range

Gas service	Model No.	Delivery Range (PSIG)	Part No.
Air, Oxygen, Inert gas	SR 450 D-540	5-125	0781-0527
	SR 450 D-580	5-125	0781-0528
	SR 450 E-346	10-200	0781-0542
	SR 450 E-540	10-200	0781-0539
	SR 450 E-580	10-200	0781-0543
Acetylene	SR 460A-300	2-15	0781-0583
	SR 460A-510	2-15	0781-0584
L.P.Gas	SR 461 D-510	5-125	0780-0595

*Delivery Range Key

A 2-15 PSIG, D. 5-125 PSIG E 10-200 PSIG

Outlet connections" 5/8"-18 (F) or 9/16"-18 [M]

Inlet connections: refer to the last section number in the Model No.

The model with Gauge Guard below will begin with GG, ie GGSR 450 D-580

1429-0056 Steel Gauge Guard Green- Oxygen

1429-0057 Steel Gauge Guard Red-Acetylene



SR25X

MODEL

SINGLE STAGE MEDIUM DUTY

SR-250 SERIES / SINGLE STAGE MEDIUM DUTY

APPLICATION & USES

.Medium duty Gas service

.Ideal for welding and cutting application

.Compact Single stage construction

DESIGN/CONSTRUCTION

.Forged Brass body and Housing Cap

.2" Gauges Brass

.Stem type seat mechanism

.1-3/4" diaphragm

.Sintered inlet filter.

PERFORMANCE

Maximum inlet----2400PSIG

Delivery Range.....see chart

SPECIFICATIONS MATERIALS

BODY.....Forged Brass

Diaphragm.....Neoprene

Housing Cap.....Forged Brass

Inlet Filter.....Bronze

Note: Regulators will deliver at Least the stated upper range and in some cases may exceed the stated upper range

Gas service	Model No.	Delivery Range (PSIG)	Part No.
Air,Oxygen,inert Gas	SR 250 D-540	5-125	0780-0043
	SR 250 D-580	5-125	0780-0044
Co2	SR 253D-320	5-125	0781-0090
Acetylene	SR 260A-510	2-15	0780-0087
	SR 260A-300	2-15	0780-0085
L.P.Gas	SR-261A-580	2-15	0780-0091
	SR 251D-580	5-125	0780-0092

*Delivery Range Key

A 2-15 PSIG, D. 5-125 PSIG E 10-200 PSIG

Outlet connections 9/16"-18 [M] [5/8"-18 for SR 253]

Inlet connections: refer to the last section number in the Model No.

CSR: Green Gauges-Oxygen.. Red Gauges-Fuel



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SR5X

MODEL

SINGLE STAGE LIGHT DUTY

SR-5 SERIES / SINGLE STAGE LIGHT DUTY :

APPLICATION & USES

Light duty Capacity
Light weight, compact
Available for various gas services
Single stage construction

DESIGN / CONSTRUCTION

Machined Brass body and Housing Cap
1- 1/2" Gauges Brass
Stem type seat mechanism
1-1/4" diaphragm
Sintered inlet filter.

PERFORMANCE

Maximum inlet----2400PSIG
Delivery Range....see chart

SPECIFICATIONS MATERIALS

BODY.....Machined Brass
Diaphragm.....Neoprene
Housing Cap.....Machined Brass
Inlet Filter.....Bronze

Note: Regulators will deliver at Least the stated upper range and in some cases may exceed the stated upper range



Gas service	Model No.	Delivery Range (PSIG)	Part No.
Oxygen,Co2	SR5-60-540	4-60	0780-2520
inert Gas	SR5D-540	5-125	0780-2550
Acetylene	SR6A-200	2-15	0780-2524
	SR6A-300	2-15	0780-2522
	SR6A-510	2-15	0781-2521

*Delivery Range Key

A 2-15 PSIG, D. 5-125 PSIG Outlet connections 9/16"-18 [M]

Inlet connections: refer to the last section number in the Model No.



SR4X

MODEL

HIGH PRESSURE PISTON REGULATORS

SR 4 SERIES / HIGH PRESSURE PISTON REGULATORS

APPLICATION & USES

High Pressure.
Ideally suited for pressure testing
Dead-end testing.
Delivery pressures up to 4500 PSIG on some models.
Single stage construction

DESIGN / CONSTRUCTION

Piston type acuation
Machined body and cap
2- 1/2" Gauges Brass
Cartridge type seat assembly with PCTFE Seat
1-1/4" diaphragm
Sintered inlet filter.

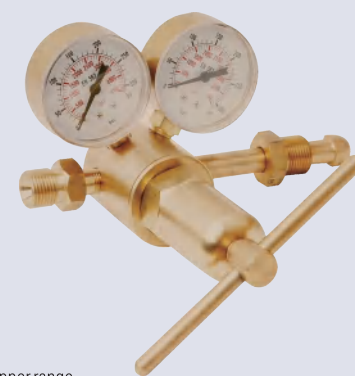
PERFORMANCE

Maximum inlet----5500PSIG
Delivery Range....see chart

SPECIFICATIONS MATERIALS

BODY.....Machined Brass
PistonBrass
Housing Cap.....Machined Brass
Inlet Filter.....Bronze

Note: Regulators will deliver at Least the stated upper range and in some cases may exceed the stated upper range



Gas service	Model No.	Delivery Range (PSIG)	Part No.
Oxygen	SR 4F-540	70-1000	0781-1405
	SR4G-540	100-1400	0781-1425
inert Gas	SR4F-580	70-1000	0781-1408
Helium/Air	SR4G-346	100-1400	0781-1422

*Delivery Range Key

F 70-1000 PSIG, G. 100-1500 PSIG Outlet connections: Customized

inlet connections: refer to the last section number in the Model No.

HSR2530

MODEL

SINGLE STAGE REGULATOR & FLOWMETER COMBINATION

MODEL HRS 2530 / SINGLE STAGE REGULATOR & FLOWMETER

APPLICATION & USES

Compact in size.
Accurate regulator for gas flow
Mig/Tig applications
Low surge rates. 25 LPM PSIG preset.
Single stage construction

DESIGN / CONSTRUCTION

Forged Brass body and housing cap
2" High Pressure Gauge
Stem type seat mechanism
Sintered inlet filter

PERFORMANCE

Maximum inlet----3000PSIG
Delivery Range....25 LPM preset

SPECIFICATIONS MATERIALS

BODY.....Forged Brass (HSR-Cr Chromed)
Housing Cap.....Forged Brass
Inlet Filter.....Sinter Bronze
Diaphragm-----Fabric Reinforced componds



Gas service	Model No.	Flowmeter Range (LPM)	Inlet connection
Nitrogen/Air	HSR-2530SR4G	25	CGA540
Argon	HSR-2535AV	25	" CGA540
CO2	HSR2570	50	CGA580

*Delivery Range Key

Outlet connections: 9/16-18UNF standard, Can be customized as G3/8 or other sizes

inlet connections: Can be customized such as CGA 540,G5/8,W21.8-14

HRF 2400

MODEL

SINGLE STAGE REGULATOR / FLOWMETER COMBINATION

MODEL HRF 2400/ SINGLE STAGE REGULATOR & FLOWMETER

APPLICATION & USES

Combination in one compact unit
Mig/Tig Applications
Mig/Tig applications
Ideal for all applications where dependability is needed.
Callibrated tube at 25 PSIG

DESIGN / CONSTRUCTION

Machined Brass body and housing cap
Back Pressure Compensated.
Internal self repeating relief.
Sintered inlet filter

SPECIFICATIONS MATERIALS

BODY.....Brass
Housing Cap.....Brass
Inlet Filter.....Sinter Bronze
Diaphragm-----Fabric Reinforced compounds
FlowmeterTube&Cover:impact-resistant compounds
Gas serviceModel No.Flowmeter Range (LPM)Inlet connection
ArgonHSR-2425Ar25 CGA580
Co2HSR-2425CD 25CGA320



Gas service	Model No.	Flowmeter Range (LPM)	Inlet connection
Argon	HSR-2425Ar	25	CGA580
Co2	HSR-2425CD	25	CGA320

*Delivery Range Key

Outlet connections: 9/16-18UNF standard, Can be customized as 5/8-18 or other sizes

inlet connections.

601

MODEL

SINGLE STAGE LIGHT DUTY

GAZCUT

601 SERIES / SINGLE STAGE LIGHT DUTY

DESCRIPTION

The Single stage regulator is designed to be compact and economical, but with features typically available in more expensive regulators, it is used where weight, cost and sizes are factors.

DETAILS

Capacity: Light duty
Gauges:50mm ABS Plastic
Pressure Regulation: 0.4 PSIG/100PSIG
Seat:One-piece encapsulated seat design with internal filter

Captive control knob: prevents loss and tampering
Back Entry design
Label or marking:Color coded for different gas identification



Gas service	Model No.	Delivery Range (PSIG)	Delivery Pressure Gauge(PSIG)	Supply Pressure Gauge (PSIG)	Part Number
Oxygen	601-80-540	0-80	100	4000	0880-6001
	601-80-540A	0-80	100	4000	0880-6002
Acetylene	601-15-200	0-15	30RZ	400	0880-6005
	601-15-200A	0-15	30RZ	400	0880-6006
	601-15-520	0-15	30RZ	400	0880-6007
	601-15-520A	0-15	30RZ	400	0880-6008
	601-15-510	0-15	30RZ	400	0880-6009
	601-15-300	0-15	30RZ	400	0880-6010
LPG	601-50-600	0-50	60	400	0880-6011
	601-50-600A	0-50	60	400	0880-6012

1.Outlet connections 9/16"-18 [M] "A" stands for 3/8"

2. Inlet connections: refer to the last section number in the Model No.
ie: Model 601-80-540 means CGA540

3.Max inlet Pressure: Oxygen:3000PSIG; Acetylene/Propane: 400 PSIG

4.Regulators designed specifically for Propane service can be used for other welding grade liquid gases but not for use with Acetylene



301

MODEL

SINGLE STAGE LIGHT DUTY

GAZCUT

301 SERIES / SINGLE STAGE LIGHT DUTY

DESCRIPTION

This single-stage regulator is designed for to be compact,light weight and rugged. It provides accurate pressure regulation to 100 PSIG.

DETAILS

Capacity: Light /Medium duty
Gauges:50mm Steel dual scale
Pressure Regulation: 0.4 PSIG/600PSIG
Seat:One-piece encapsulated seat design with internal filter

Body:Brass
Knob: Bras T-knob for easy grip



Gas service	Model No.	Delivery Range (PSIG)	Delivery Pressure Gauge(PSIG)	Supply Pressure Gauge (PSIG)	Part Number
Oxygen	301-100-540	0-100	150	4000	0880-3001
Ar,He, N2	301-100-580	0-100	150	4000	0880-3005
Co2	301-100-320	0-100	150	4000	0880-3009
Acetylene	301-15-200	0-15	30RZ	400	0880-3021
	301-15-300	0-15	30RZ	400	0880-3022
	601-15-510	0-15	30RZ	400	0880-3023
	601-15-520	0-15	30RZ	400	0880-3024
LPG	301-50-510	0-50	60	400	0880-3031

1.Outlet connections 9/16"-18

2. Inlet connections: refer to the last section number in the Model No.
ie: Model 601-80-540 means CGA540

3.Max inlet Pressure: Oxygen:3000PSIG; Other gases listed: 400 PSIG

4.Regulators designed specifically for Propane service can be used for other welding grade liquid gases but not for use with Acetylene



601

MODEL

HVAC PURGING REGULATOR SINGLE / TWO-STAGE

GAZCUT

601 SERIES HVAC PURGING REGULATOR SINGLE / TWO-STAGE

DESCRIPTION

This Model is designed for applications where weight, size are critical factors, used for HVAC Purging, pressure testing and blanketing with nitrogen or other inert gases, plastic knob for and precise adjustment. Rubber gauge guards are optional choice for added protection in abusive conditions.

DETAILS

Capacity: Light /Medium duty
Gauges:50mm ABS Plastic
Pressure Regulation: 0.4 PSIG/600PSIG
Seat:One-piece encapsulated seat design with internal filter

Body: Brass
Knob: Ergonomics design for easy grip
Chamber:Single or Two-stage design



Gas service	Model No.	Delivery Range (PSIG)	Delivery Pressure Gauge(PSIG)	Supply Pressure Gauge (PSIG)	Part Number
Ar,He,N2	601 -200-580X	0 -200	60 0	4000	0880-6050
Ar,He,N2	602 -400-580X	0 -400	60 0	4000	0880-6055

1.Outlet connection: 1/4 45° flare SAE

2. Inlet connections: refer to the last section number in the Model No.

3.601-200-580X Singlestage. 602-400-580X two stages



25GX

MODEL

SINGLE STAGE MEDIUM-HEAVY DUTY

GAZCUT

25GX SERIES / SINGLE STAGE MEDIUM-HEAVY DUTY

DESCRIPTION

This 25GX is designed to be the next generation workhorse,it features larger easier to read gauges and ergonomic adjusting knob that also shields the adjusting mechanism from contaminants.

DETAILS

Capacity: Medium /Heavy duty
Gauges:2.5" Steel dual scale

Pressure Regulation: 0.2 PSIG/200PSIG
Seat:One-piece encapsulated seat design with internal filter

Body:Brass
Knob: Bras T-knob for easy grip



Gas service	Model No.	Delivery Range (PSIG)	Delivery Pressure Gauge(PSIG)	Supply Pressure Gauge (PSIG)	Part Number
Oxygen	25GX-50-540 25GX-145-540	0-50 0-145	60 145	4000 4000	0880-2501/2502
Ar,He, N2	25GX-145-580 25GX-200-580	0-145 0-200	145 200	4000 4000	0880-2512/2513
Acetylene	25GX-15-300 25GX-15-510	0-15 0-15	30RZ 30RZ	400 400	0880-2521/2522
LPG	25GX-15-510 25GX-50-510	0-15 0-50	60 60	400 400	0880-2531/2532

1.Outlet connections 9/16"-18

2. Inlet connections: refer to the last section number in the Model No.

3.Max inlet Pressure: Oxygen:3000PSIG; Other gases listed: 400 PSIG

4.Regulators designed specifically for Propane service can be used for other welding grade liquid gases but not for use with Acetylene



801

MODEL

SINGLE STAGE MEDIUM DUTY

801 SERIE / SINGLE STAGE MEDIUM DUTY

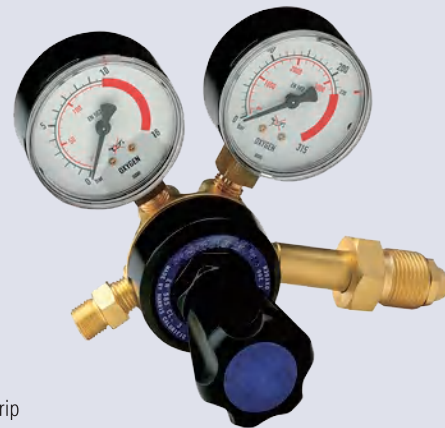
DESCRIPTION

This model is designed to be a medium regulator perfect for most industrial cutting and welding applications, it features 2" gauges that are easy to read and an ergonomic adjusting knob for precise operation and a longer service life.

DETAILS

Capacity: Medium duty
Gauges: 2" Steel dual scale
Pressure Regulation:
0.4 PSIG/125PSIG
Seat: One-piece encapsulated
seat design with internal filter

Body: Brass
Knob: Bras T-knob for easy grip



Gas service	Model No.	Delivery Range (PSIG)	Delivery Pressure Gauge (PSIG)	Supply Pressure Gauge (PSIG)	Part Number
Oxygen	801-125-400	0-125	150	4000	
Acetylene	801-15-300	0-15	30RZ	400	
	801-15-510	0-15	30RZ	400	
1. Outlet connection: 9/16"-18					
2. Inlet connections: refer to the last section number in the Model No.					

FLOWMETER

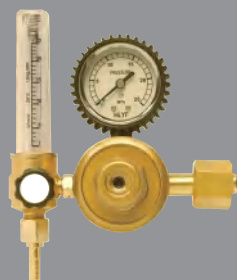
GFM-01

Part No.	Gas	Flow rate	Inlet connection	Outlet connection
GFM01-AR	ARGON	0-25LPM	CGA580	9/16"
GFM01-CO2	CO2	0-25LPM	CGA320	9/16"



GFR-198 Tube type ARGON FLOW REGULATOR

Part No.	Max pressure	inlet	Max. pressure	outlet	Inlet connection	Outlet connection
GR21001	230Bar		3.5bar		CGA580	9/16"



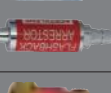
Medical oxygen flow regulator

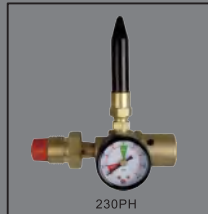
Part No.	Max pressure	inlet	Max. pressure	outlet	Max.Flow Rate	Inlet connection	Outlet connection
GR21001	150Bar		3 bar		15LPM	CGA540	9/16"



FITTINGS & TOOLS

	EH-A01 ELCTRODE HOLDER EH-A01 Electrode Holder 200,300,500,600A
	EH-A02 LENCO STYLE LENCO AF 200,300,500,600A
	EH-A03 TWECO 200 250A,300A,500A
	EH-AS01 Twist Type electrode holder 400A,600A
	EH-BS01 Twist Type electrode holder 400A,600A
	EH-BS02 Holland type 300,400.500.600A
	EC-01 EARTH CLAMP 200,300,500A
	EC-02 EARTH CLAMP LENCO EG200,300, 500A LENCO
	EC-03 EARTH CLAMP 250,300, 350AMP,500A LENCO
	EC-04 EARTH CLAMP TWECO 200,300,500A

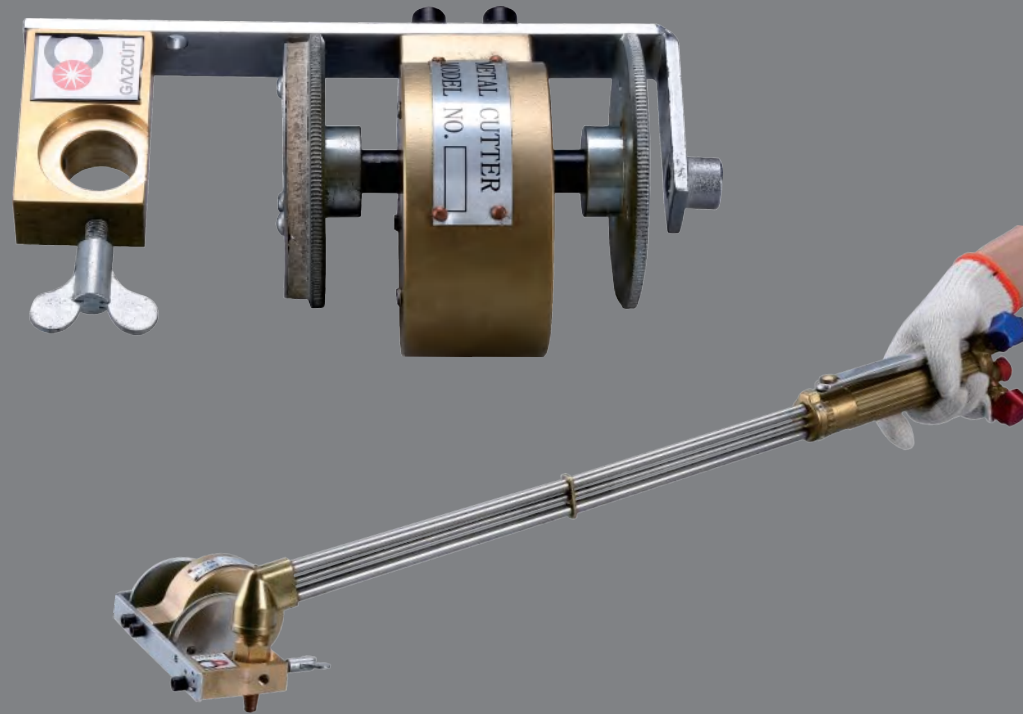
	CC-01	Cable connector 300A 500A
	CC-02	Cable connector 300A 500A
	FA-R9/16 FA-R9/16F	Screw type Flash arrestor for regulator * F-fuel gas
	FA-T9/16 FA-T9/16F	Screw type Flash arrestor for torch * F-fuel gas
	FA-TS9/16 FA-TS9/16F	Screw type Flash arrestor for torch * F-fuel gas
	FA-T9/16-S FA-T9/16-SF	Snap type Flash arrestor for torch * F-fuel gas
	FA-C8 FA-C8F	Cartridge type Flashback arrestor Ø8mm
	CV-9/16 CV-9/16F	Check valve for torch

BALLOON INFLATOR: used to fill the nitrogen into the balloons.		
		
		
Max Inlet Pressure (Bar)	Max outlet Pressure (Bar)	Inlet Connection
15	0.2	= 9/16"or 5/8"

TORCH CARRIER

1. HANDY CUTTER TOW GUIDE KC-66

Body forged by superior brass forged, gear box built-in consists of high precious gear sets. Travel even and stably with the double guide wheel to keep the torch straight. Can bevel V slot by adjusting the torch holder base. A wonderful aid to the hand torch to ease the operation by higher cutting precision.



2. CIRCLE-RUN TORCH CARRIER

The device uses the magnetic as center and can move the torch around smoothly with the guide wheel. it can be with single wheel or double wheels.



GAZCUT