

Station (or line) regulators are used to connect pipeline systems, that transport gases to welding stations, to station outlets. Since pipeline pressure is usually constant, station regulators are only equipped with delivery pressure gauges.

R-76/R-72 Heavy- and Medium-Duty Station Regulators

- Similar in construction to single-stage, heavy-duty and medium-duty cylinder regulators, these regulators are equipped with a C-size inlet connection
- Models are available for oxygen, acetylene, other fuel gases and inert gases.

R-6700 High-Capacity Station Regulators

- For multi-torch applications; for example, the supply of cutting oxygen to an eight-torch cutting machine working on heavy plate

Heavy-Duty Hi-Flow TRIMLINE™ R-76



Medium Duty R-72



High-Capacity R-6700



- Three models are available with up to five times the capacity of standard models
- Equipped with 1/2 in. NPT female inlet, outlet connections, and a delivery pressure gauge

- Can be used with any common, non-corrosive, industrial gas
- C-size outlet fittings available for oxygen, fuel gas and inert gas

Specifications & Ordering Information

Gas Service	Model	Part No.	Maximum Delivery Pressure PSIG	Maximum Inlet Pressure PSIG*	CGA Outlet** Connections
Heavy-Duty Hi-Flow TRIMLINE™ Station Regulators (R-76 Series)					
Oxygen	R-76-150-024***	19151	150	200	022
Acetylene	R-76-15-025	19152	15	15	023
FG-2, Propane, Hydrogen, Propylene	R-76-75-025	19153	75	200	023
Argon, Helium, Nitrogen	R-76-15-034	19154	15	200	032
	R-76-75-034	19155	75	200	032
Medium-Duty Station Regulators (R-72 Series)					
Oxygen	R-72-75-024	0558005411	75	200	022
Acetylene	R-72-15-025	0558005412	15	15	023
FG-2, Propane, Hydrogen, Propylene	R-72-75-025	0558005413	75	200	023
Argon, Helium, Nitrogen	R-72-75-034	0558005414	75	200	032
High-Capacity Station Regulators (R-6700 Series)					
Any non-corrosive, non-toxic industrial gas	R-6701	22234	15	400	1/2 in. NPT (female)
	R-6702	22235	75	400	1/2 in. NPT (female)
	R-6703	22236	150	400	1/2 in. NPT (female)
	R-6704	2227920	200	400	1/2 in. NPT (female)

*Inlet pressure is limited because pressure of pipeline with C-size hose type outlets should not exceed 200 psig. Inlet pressure on acetylene regulators is limited because pressure of pipelines conveying acetylene should never exceed 15 psig.

**Outlet Connection:

- CGA 022 (formerly "B" oxygen) - 9/16 in. - 18 RH male connection
- CGA 023 (formerly "B" fuel gas) - 9/16 in. - 18 LH male connection
- CGA 032 (formerly "B" inert gas) - 5/8 in. - 18 RH female connection

***Inlet Connection:

- CGA 024 (formerly "C" oxygen) - 7/8 in. - 14 RH female nut
- CGA 025 (formerly "C" fuel gas) - 7/8 in. - 14 LH female nut
- CGA 034 (formerly "C" inert gas) - 7/8 in. - 14 RH male nut

Flow Rates: Refer to curves on pages 35-38 for data on selected regulator flow rates. See instruction literature F-15-396 for flow rates on R-6700 series regulators.