

UNIWELD SPECIALTY REGULATORS CO₂, NITROGEN, AIR

What Gas Is Best To Run Pneumatic Tools?

Pneumatic Tools are often referred to as "Air Tools" (because they utilize the energy available, in low pressure compressed air, to empower the tool.) An air Compressor, while readily available in a "working shop" may not be as convenient to come by for field work or for "spot" jobs

That's when compressed cylinders provide the solution!
There are 3 commonly used high pressure compressed gases available to fill various needs:

Be sure to use the proper pressure-reducing regulator for the particular tool or requirement.

DUE NOT SUBSTITUTE OXYGEN FOR AIR

GAS	BENEFITS	NEGATIVES
AIR	Will support human life. (use in confined spaces)	Doesn't last long.
CARBON DIOXIDE	Lasts long (goes into the cylinder as a liquid and comes out as a gas) *A rivet gun is an example of an intermittent tool.	Cold - can freeze high volume or non-intermittent tools*. The exhaust will not support human life.
NITROGEN	The cleanest and driest of these gases (extends tool life). Also this is the favorite for tire inflation (due to the lack oxidizers and corrosives.)	Doesn't last long. The exhaust will not support human life.

Single Stage – Delivery Gauge Only



ALL SINGLE GAUGE STYLES
\$75.98 EA

MOST POPULAR

- 1300, 1500 AND 1800 SERIES**
- Regulators are designed for soft drink dispensing systems (not beer) and many types of pressurizing applications
 - Easy-to-read single scale 1-1/2" gauge
 - 1-5/8" tri-layered reinforced neoprene diaphragm
 - Mechanical stem type seat
 - Adjustable pressure screw with locking nut
 - Porous metal inlet filter on nitrogen and air regulator, but not installed on CO₂ models
 - CO₂ models with 1/4" SAE flare outlet have a built in reverse flow check valve
 - UL Listed

Maximum Inlet
3000PSIG

Weight
2 lb

Dimensions
Depth 3"
Width 5-1/4"
Height 5-1/4"



CO₂, STYLES COME WITH O-RING SEALED NIPPLES SO YOU DON'T NEED WASHERS

**The content of CO₂ is best determined by weight and not pressure.

Delivery/** Contents Gauges

ALL DUAL GAUGE STYLES
\$90.72 EA



Part No.	Outlet before Adaptor	CGA Inlet	Outlet Adaptor	Delivery PSIG
R1358	1/4" INCH FEMALE PIPE	CO ₂ , 320	1/4" SAE FLARE (M)	2-12
R1359		CO ₂ , 320	1/4" SAE FLARE (M)	2-20
R1360		CO ₂ , 320	1/4" SAE FLARE (M)	5-50
R1361		CO ₂ , 320	1/4" SAE FLARE (M)	5-80
R1362		CO ₂ , 320	1/4" SAE FLARE (M)	5-120
R1363		CO ₂ , 320	1/4" SAE FLARE (M)	5-175
R1558		NITROGEN, 580	1/4" SAE FLARE (M)	2-12
R1559		NITROGEN, 580	1/4" SAE FLARE (M)	2-20
R1560		NITROGEN, 580	1/4" SAE FLARE (M)	5-50
R1561		NITROGEN, 580	1/4" SAE FLARE (M)	5-80
R1562	NITROGEN, 580	1/4" SAE FLARE (M)	5-120	
R1563	NITROGEN, 580	1/4" SAE FLARE (M)	5-175	
R1858	AIR, 346	1/4" SAE FLARE (M)	2-12	
R1859	AIR, 346	1/4" SAE FLARE (M)	2-20	
R1860	AIR, 346	1/4" SAE FLARE (M)	5-50	
R1861	AIR, 346	1/4" SAE FLARE (M)	5-80	
R1862	AIR, 346	1/4" SAE FLARE (M)	5-120	
R1863	AIR, 346	1/4" SAE FLARE (M)	5-175	

Part No.	Outlet before Adaptor	CGA Inlet	Outlet Adaptor	Delivery PSIG
R1344	1/4"	CO ₂ , 320	1/4" SAE FLARE (M)	2-12
R1345	1/4" INCH FEMALE PIPE	CO ₂ , 320	1/4" SAE FLARE (M)	2-20
R1346		CO ₂ , 320	1/4" SAE FLARE (M)	5-50
R1347		CO ₂ , 320	1/4" SAE FLARE (M)	5-80
R1348		CO ₂ , 320	1/4" SAE FLARE (M)	5-120
R1349		CO ₂ , 320	1/4" SAE FLARE (M)	5-175
R1544		NITROGEN, 580	1/4" SAE FLARE (M)	2-12
R1545		NITROGEN, 580	1/4" SAE FLARE (M)	2-20
R1546		NITROGEN, 580	1/4" SAE FLARE (M)	5-50
R1547		NITROGEN, 580	1/4" SAE FLARE (M)	5-80
R1548		NITROGEN, 580	1/4" SAE FLARE (M)	5-120
R1549	NITROGEN, 580	1/4" SAE FLARE (M)	5-175	

**MOST PNEUMATIC TOOLS OPERATE AT ABOUT 90 psi
CHECK THE MANUFACTURER RECOMMENDATION FOR YOUR PARTICULAR TOOL**



Model 227 Series Without Gauge

Model 227 Series With Gauge

LOW-VOLUME PRESET REGULATORS

Model 227 Series Specialty Gas Regulators are designed for light duty applications using Carbon Dioxide (CO₂) or Nitrogen (N₂). Preset delivery available for 6 pressure settings.

FEATURES:

- "Piston" type mechanism for reliability
- Body machined from class "A" brass bar stock
- 1-1/2" rear entry cylinder contents gauge (227CG & 227NG)
- Sintered Bronze inlet filter
- 1/4" NPT outlet port
- Weight w/o gauge: 14.5 oz., W/gauge: 16 oz.
- 50 SCFH Flow

	Regulator, Carbon Dioxide (CO ₂) CGA-320 Inlet		Regulator, Carbon Dioxide (CO ₂) CGA-320 Inlet W/Gauge		Regulator, Nitrogen (N ₂) CGA-580 Inlet		Regulator, Nitrogen (N ₂) CGA-580 Inlet W/Gauge	
	SIWS P/N	Price	SIWS P/N	Price	SIWS P/N	Price	SIWS P/N	Price
Preset 50psi	227C-50	\$41.36 EA	227CG-50	\$57.08 EA	227N-50	\$41.36 EA	227NG-50	\$57.08 EA
75psi	227C-75	\$41.36 EA	227CG-75	\$57.08 EA	227N-75	\$41.36 EA	227NG-75	\$57.08 EA
100psi	227C-100	\$41.36 EA	227CG-100	\$57.08 EA	227N-100	\$41.36 EA	227NG-100	\$57.08 EA
125psi	227C-125	\$41.36 EA	227CG-125	\$57.08 EA	227N-125	\$41.36 EA	227NG-125	\$57.08 EA
150psi	227C-150	\$41.36 EA	227CG-150	\$57.08 EA	227N-150	\$41.36 EA	227NG-150	\$57.08 EA
175psi	227C-175	\$41.36 EA	227CG-175	\$57.08 EA	227N-175	\$41.36 EA	227NG-175	\$57.08 EA