Inert Gas Guard®

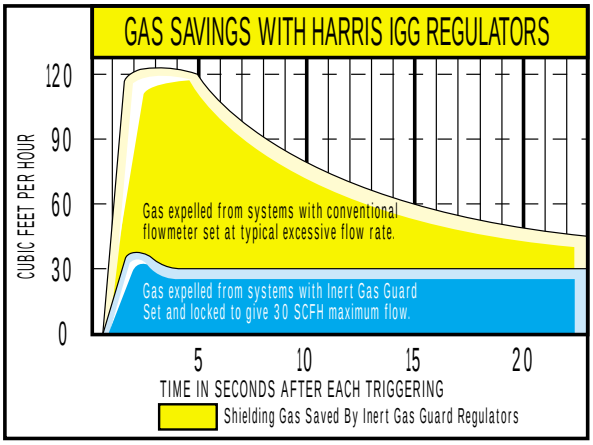
Reduce Shielding Ga

Harris Inert Gas Gas Guard Regulators. You won't find a more reliable way to save shielding gas.

Harris Inert Gas Guard Regulators are designed to save shielding gases in two ways.

1 First, Inert Gas Guard Regulators reduce the gas surge when a MIG gun or TIG torch is activated. The gas surge is created by excess pressure trapped in the supply hose between the pressure control system and the valve or solenoid. Inert Gas Guard regulators lower the excess pressure on the supply hose and reduce the surge or gas waste when the gas system is activated.

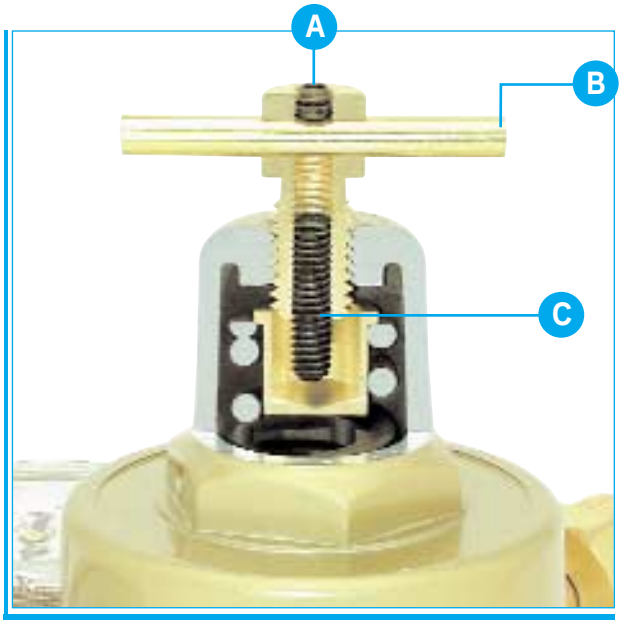
2 Secondly, Inert Gas Guard Regulators deliver a more controlled flow rate. Operators tend to set shielding gas rates much higher than necessary for a welding operation. Inert Gas Guard Regulators can be set to deliver the precise amount of flow for the operation, eliminating this needless waste of shielding gas.



ALL HARRIS INERT GAS GUARD REGULATORS ARE SHIPPED WITH THE T-BAR FULLY ADJUSTABLE OVER THE DELIVERY RANGE

Padlock prevents tampering

If preferred, you can set a flow limit. Remove set screw A and crossbar B . With gas flowing, set inner set screw C to desired flowrate. To prevent tampering, replace crossbar or install customer supplied padlock.



FULLY ADJUSTABLE AS SHIPPED

s Waste

HARRIS

LINCOLN ELECTRIC

Flowmeter or Feeder Mount

MODEL 301

The Model 301-Inert Gas Guard Regulators are designed to connect to an existing flowmeter, flowmeter regulator or to a wire feeder. Available with or without a gauge.

Flowmeter Mount

Feeder Mount

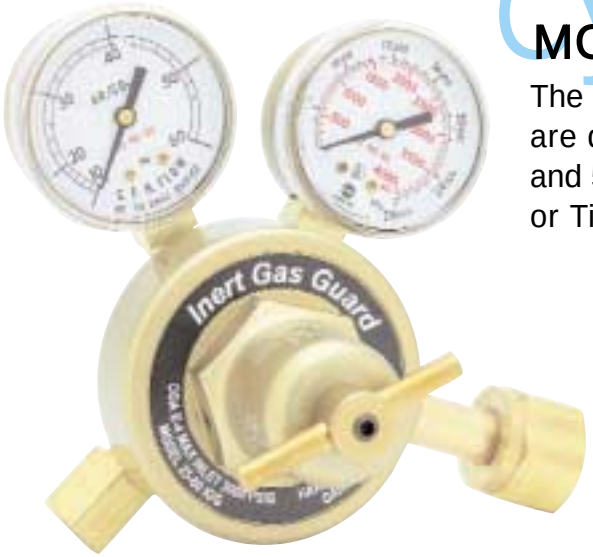
INERT GAS GUARD FEATURES

- Flows up to 80 SCFH.
- Compact, rugged design.
- One piece, encapsulated seat design.
- Adjustable, fixed, fixed maximum or fixed locked flow rates.
- 3-year warranty.

Cylinder

MODEL 25

The Model 25 Inert Gas Guard Regulators are designed for cylinders. Available in 320 and 580 connections. Models available for Mig or Tig applications.



Pipeline

MODEL 447

The Model 447 Inert Gas Guard Regulators are designed for pipeline applications. Models available for Mig or Tig workstations.

Inert Gas Guard Selection Chart

Model 301

PART NO.	MODEL NO.	MOUNTING STYLE	FLOW SETTING	INLET CONNECTION	OUTLET CONNECTION
3000326	301-80-IGG-032 no gauge	FLOWMETER	0-80 SCFH	5/8” - 18 MALE	5/8” - 18 R.H. FEMALE
3000328	301-80-IGGRF-032 with gauge	AT WIRE FEEDER	0-80 SCFH	5/8” - 18 FEMALE	5/8” - 18 R.H. MALE

Model 25-Cylinder Regulator

PART NO.	MODEL NO.	MOUNTING STYLE	FLOW SETTING	INLET CONNECTION	OUTLET CONNECTION
3000433	25-40-IGG-580	CYLINDER	ADJUSTABLE 0 - 40 SCFH*	CGA - 580	5/8” - 18 R.H. FEMALE
3000432	25-60-1GG-320	CYLINDER	ADJUSTABLE 0 - 60 SCFH	CGA - 320	5/8” - 18 R.H. FEMALE
3000431	25-80-IGG-580	CYLINDER	ADJUSTABLE 0 - 80 SCFH	CGA - 580	5/8” - 18 R.H. FEMALE

* Recommended for GTAW

Model 447-Pipeline Regulator

PART NO.	MODEL NO.	MOUNTING STYLE	FLOW SETTING	INLET CONNECTION	OUTLET CONNECTION
4000547	447-40-IGG-1/4	PIPELINE	ADJUSTABLE 0-40 SCFH*	1/4” - FNPT	5/8” - 18 R.H. FEMALE
4000546	47-80-IGG-1/4	PIPELINE	ADJUSTABLE 0-80 SCFH	1/4” - FNPT	5/8” - 18 R.H. FEMALE

* Recommended for GTAW

Model 301

Model 301-RF

Model 25

Model 447

HARRIS

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LINCOLN ELECTRIC

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