



COMPANY WITH QUALITY SYSTEM  
CERTIFIED BY DNV  
== ISO 9001/EN 46001 ==

**HARRIS CALORIFIC**  
A subsidiary of  
The Lincoln Electric Co.  
Cleveland - Ohio, U.S.A.

# HIGH PURITY SERIES 904 REGULATORS

## SINGLE STAGE CYLINDER REGULATORS

Made to EN ISO-2503, is ideal for all laboratory and high purity gas applications.

Accurately controls flow and pressure of most common industrial and laboratory non corrosive gases.

### 904 HIGH PURITY PRESSURE REGULATOR FEATURES:

- Delivery pressure range from 1.5 bar to 10 bar and maximum inlet pressure of 300 bar.
- Stainless steel diaphragm - no internal contamination.
- Metal to metal body - diaphragm - bonnet sealing.
- Capsule seat with Kel-F sealing surface. Capsule seat - guarantees:
  - no impurities will damage seat thanks to sintered filter (10 micron filtering capacity) - longer regulator life, no particulate contamination
  - higher flow capacity compared to other competitors capsule seats
  - Kel-F - guarantees:
    - 1) no contamination
    - 2) better sealing
    - 3) high ignition temperature resistance
    - 4) longer life
- All models fitted with external safety relief valve with 1/4" NPT female thread for external release hose connection.
- Smooth adjustment, with high precision.
- New ABS knob, can't be unscrewed, but simple to change for service.
- Fully chromed body, bonnet & gauges.
- New 63 mm large safety gauges. Easy to read bar / psi calibrations with following additional features:
  - Polycarbonate lenses will not shatter or burn like cheaper plastics
  - Resists damage - even a hammer blow won't hurt the lens
  - Lens removable for easy maintenance
  - Conform to EN-562
- HARRIS traditional quality standards, individual testing and special cleaning assure high purity gas is always delivered.



# 904 - cylinder regulator



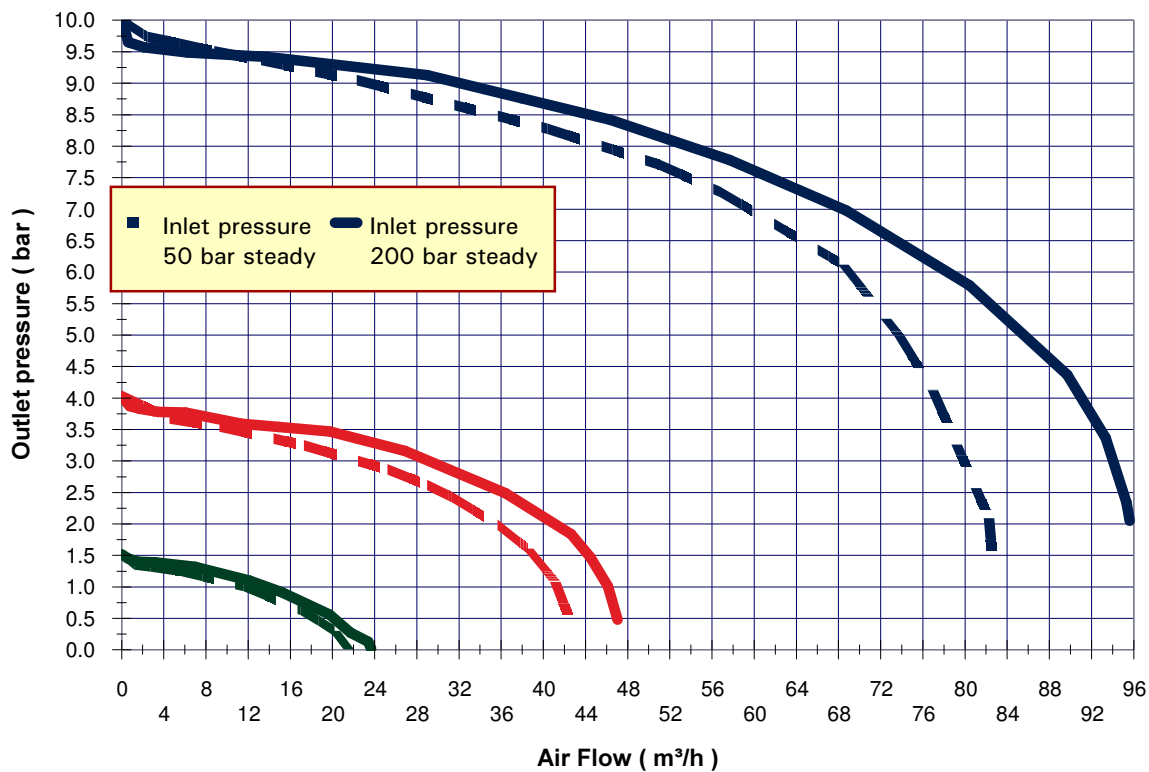
**ALL HARRIS PRODUCTS ARE DESIGNED TO SAVE YOU MONEY**

## How to order notes:

Model	Max. Inlet pressure bar	Max. Outlet pressure bar
904-1.5	300	1.50
904-4	300	4.00
904-10	300	10.00

- Specify model number (see above chart), pressure gas and country: example 904-10-OX. The regulator will be supplied complete with inlet to suit that country and standard outlet connection G 3/8" or 9/16" - 18 UNF.

**REGULATOR FLOW CURVE**  
904 - Cylinder regulator



## ACCESSORIES

(Suitable for G 3/8" or 9/16" - 18 UNF regulator outlet. Other sizes are available on request)

**52SR904M (G3/8")**

**52R904M (9/16")**

**Outlet control valve**

Fully chromed, fits on regulator outlet, large flow, fine control

**E38-MR / 38-MR**

**Hose connections**

Fully chromed, fits various outlets and hose diametres:

E38-MR4 - G 3/8" thread, 5mm hose

38-MR3 - 9/16" thread, 6mm hose

38-MR4 - 9/16" thread, 5mm hose

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