

THE PROPER SELECTION OF A REGULATOR



A LINCOLN ELECTRIC COMPANY

CHOOSING THE CORRECT REGULATOR FOR AN APPLICATION IS CRITICAL AND CAN BE CONFUSING. THE APPLICATION, GAS SERVICE AND THE REQUIRED DELIVERY PRESSURE ARE ALL IMPORTANT FACTORS IN THE PROPER SELECTION.

HARRIS UNDERSTANDS HOW GASES ARE USED IN VARIOUS APPLICATIONS. WE ALSO KNOW THE IMPORTANCE OF USING THE PROPER GAS HANDLING EQUIPMENT.

SEE THIS QUICK REFERENCE FOR THE MOST COMMON SPECIALTY GAS APPLICATIONS.

HARRIS ALSO CARRIES A FULL PORTFOLIO OF GAS HANDLING EQUIPMENTS FOR ANY SPECIALTY GAS QUESTION, PLEASE EMAIL US AT HARRISPECGAS@LINCOLNELECTRIC.COM OR VISIT OUR WEBSITE AT WWW.HARRISPRODUCTSGROUP.COM



GENERAL PURPOSE



HIGH PURITY



ULTRA HIGH PURITY



HIGH PURITY LOW PERCENTAGE OF TOXIC OR CORROSIVE GASES

GAS SERVICE	APPLICATIONS	HARRIS MODEL
<ul style="list-style-type: none"> ■ NON-CORROSIVE ■ PURITY LEVELS BELOW TO 99.9% 	<ul style="list-style-type: none"> ■ CALIBRATION OF PRESSURE GAUGES, ROTOMETERS AND MASS FLOW CONTROLLERS ■ APPLICATIONS WITH HIGH CYCLE LIFE ■ CGA 320,510, 580 	<ul style="list-style-type: none"> ■ GP401 ■ GP402
<ul style="list-style-type: none"> ■ NON-CORROSIVE FLAMMABLE PURITY LEVELS 99.9% TO 99.999% 	<ul style="list-style-type: none"> ■ SUPPLY OF CARRIER GAS OR WITH HIGH PURITY DETECTOR SUPPORT GAS FOR GAS CHROMATOGRAPHY. ■ CGAS 320, 350, 510, 580, 590 	<ul style="list-style-type: none"> ■ HP701 ■ HP702
<ul style="list-style-type: none"> ■ NON-CORROSIVE ■ FLAMMABLE ■ PURITY LEVELS ABOVE 99.999% 	<ul style="list-style-type: none"> ■ SUPPLY OF CARRIER GAS/ DETECTOR SUPPORT GAS FOR A VARIETY OF GAS CHROMATOGRAPHY APPLICATIONS ■ SUPPLY OF CALIBRATION STANDARDS ON-LINE PROCESS ANALYZERS, EMISSION MONITORING STANDARDS, ETC. ■ CGAS 320, 350, 510, 580, 590 	<ul style="list-style-type: none"> ■ HP721C ■ HP722C
<ul style="list-style-type: none"> ■ NON-CORROSIVE ■ FLAMMABLE ■ TOXIC ■ CORROSIVE 	<ul style="list-style-type: none"> ■ SUPPLY OF CARRIER GAS/ DETECTOR SUPPORT GAS FOR A VARIETY OF GAS CHROMATOGRAPHY APPLICATIONS ■ SUPPLY OF CALIBRATION STANDARDS ON-LINE PROCESS ANALYZERS, EMISSION MONITORING STANDARDS, ETC. ■ CGAS 320, 350, 510, 580, 590, 660 	<ul style="list-style-type: none"> ■ HP741 ■ HP742

For assistance with upgrading your compressed gas delivery systems, please contact Harris Technical Service at (800) 733-4043 PROMPT 3, or Matthew Paradiso at (848) 220-0584 or email matthew_paradiso@lincolnelectric.com.