

HARRIS PRODUCTS GROUP

ASCEND™ VIPR SERIES

Valve Integrated Pressure Regulator

The ASCEND™ Series is a user-friendly, all-in-one valve integrated pressure regulator that minimizes safety risks and streamlines gas cylinder-related tasks. Boost your productivity from each cylinder and eliminate the need for buying, installing and maintaining regulators by renting the cylinder with the ASCEND™.



A LINCOLN ELECTRIC COMPANY

CONNECT, GET SET & GO!

Harris Products Group regulators are manufactured to perform in the most critical applications including our newest innovation: ASCEND™ Inert V.I.P.R.



GAS LEVEL AT A GLANCE



EASILY CONNECT



FAST OFF / ON / OFF CONTROL



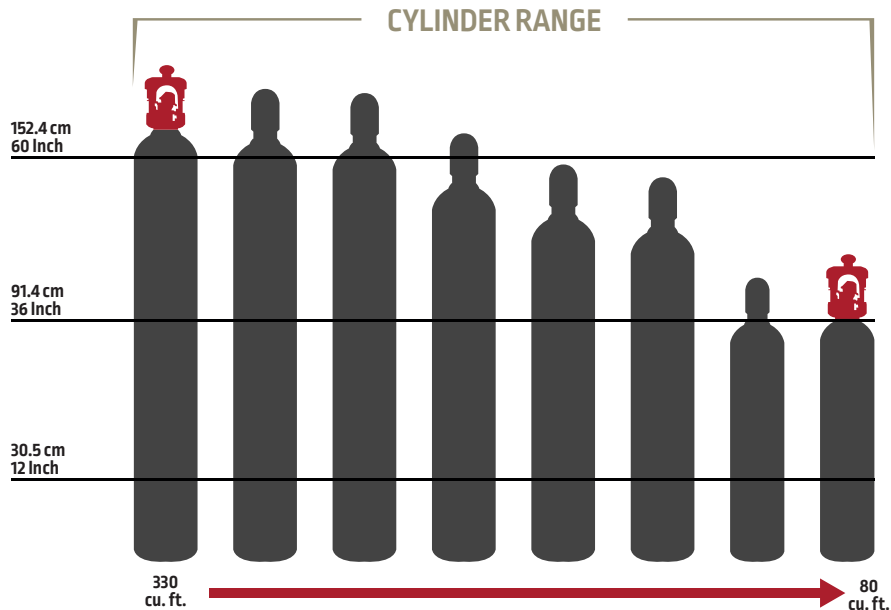
PRECISE PRESSURE / FLOW SETTING



MINIMIZE SAFETY ISSUES

ONE SIZE FITS MOST

Extremely compact and angled design ensures the best ergonomic fit on most gas cylinder sizes.



MAXIMIZE PRODUCTIVITY



SET UP FASTER
AS MUCH AS
92%



REDUCE CHANGEOVER STEPS
REDUCING STRAIN ON EMPLOYEES
17 to 7



Check out the faster setup compared to traditional regulators.

Less steps to arc - Set up your cylinder in 7 steps versus the 17 steps needed for traditional regulators.

Easy to Operate - No tools required for set up.

Minimal maintenance - No downstream purging required due to cut-off valve built into the quick connect.

Increase safety - Operators do not need to switch out the regulator allowing for fewer operational interruptions and a safer environment.

SOLUTION COMPONENTS



ASCEND® Guard
- Course and Fine Threads



Harris Quick Connect Hose



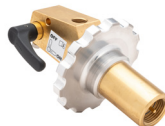
QUICKMATIC® Female Quick Connect
- Long-lasting stainless steel pin connection



Valving Tool
-Valving and de-valving tool
-Specially designed for ASCEND™ VIPR



Quick Connect fill tool
- Pin actuation for filling valve



Inert Manual Fill Tool w/ Inlet Adapter
- Pin actuation for filling valve

Product Specifications

Part Number	Description	Burst Disk Pressure	Gas Type
W0005000078	ASCEND™ Valve Integrated Pressure Regulator	4000	Inert
W000500143		3375	Inert
W000500144		3360	Inert
W000500145		3000	Inert
Part Number	Description	Thread Type	
W000500124	ASCEND™ Guard	Coarse (3-1/8" -7)	
W000500119		Fine (3-1/8" -11)	

ASCEND® Accessories

Part Number	Description	Inlet	Outlet
4304999	3/16" x10' Inert Hose	ISO 7289	5/8"-18 (M)
W000500065	Quickmatic Female Quick Connect	ISO 7289	5/8"-18 (F)

Valving and Filling

Part Number	Description	Inlet	Outlet
9107099	Valving Tool	N/A	N/A
9009944	Quick Connect Fill Tool	1/4" FNPT	DIN477 N10
W000500130	Inert Manual Fill Tool (w/ inlet adapter)	CGA 580 Cylinder Valve	-DIN477 N10

Test Results Disclaimer

Test results for travel speeds, deposition, heat input, or mechanical properties, levels were obtained from a weld produced and tested according to prescribed standards. Actual results will vary depending on many factors, including, but not limited to: the base material or substrate being welded, the welding procedure and welding process, and the unique conditions present in the workplace or welding environment. Users and employers have the sole responsibility for and control over workplace conditions, including the manner in which work is performed and the safety measures taken. Always read and follow applicable OSHA regulations as well as all information on product labeling and safety data sheets when using Lincoln Electric products. Safety data sheets for Lincoln Electric products can be found at <http://www.lincolnelectric.com/en-us/support/msds/Pages/sds-search.aspx>. Users and employers should have an industrial hygienist check worker exposure levels to be certain that they are within applicable OSHA PEL and ACGIH TLV limits for the particular application or weldment.

Customer Assistance Policy

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation or application. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

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