

DAVINCI™ ADP

Analyzer Distribution Panel

One gas sample stream in and four low pressure gas streams out!

The DaVinci™ Modular Analyzer Distribution Panel (ADP) is a pre-packaged solution that makes it possible to supply up to four different analyzers with low pressure gas samples from a single source, eliminating the need to establish multiple sample points and reducing the cost of required sampling hardware.

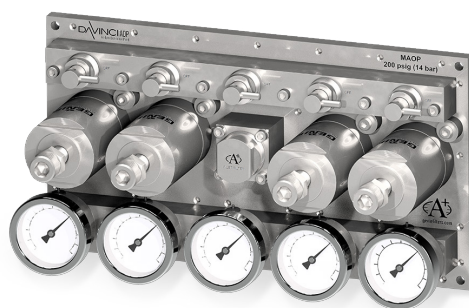
The ADP consists of a single modular board with built in purge loop, inlet filter and gauge, integral stream isolation valves, and pressure regulators with their respective gauges. The standard ADP is supplied with one regulator and pressure gauge. Up to three additional regulators with respective gauges can be added and assembled on the board at the time of order or later in the field by the technician.

The Analytically Correct™ design of the ADP's purge loop ensures that a representative sample is always present at the inlet of each individual sample stream. The individual sample streams are independent of one another, eliminating the chance of active streams being affected by other streams coming on or off line. The compact modular design of the ADP makes it easy to install, maintain, and troubleshoot. A regulator kit is offered for easy replacement of regulators in the field.

It is important to note that when sampling gases near their dew point, it may be necessary to install the ADP in a heated area or heated insulated enclosure. For assistance in determining heating requirements, please contact A+ Corporation or your local A+ distributor.

Technical Specifications

Maximum pressure rating	200 psig (13.8 bar)
Temperature range	-35 °F (-37 °C) to 225 °F (107°C) Contact the factory regarding other temperature ratings
Port Sizes	1/8" female NPT inlet, bypass & outlet ports 1/4" female NPT gauge ports
Outlet pressure range	0-10 psig (0-0.7 bar), 0-25 psig (0-1.7 bar), 0-50 psig (0-3.4 bar), 0-100 psig (0-6.9 bar)
Wetted Material	Machined parts: 316 stainless steel /NACE compliant All other metal parts: stainless steel / NACE compliant Sealing material: Neoprene



Product Brief

Applications

- For use in any process industry to supply up to four different analyzers with low pressure gas samples from a single source

Benefits

- Eliminates the need to establish multiple sample points
- Reduces the cost of required sampling hardware
- Pre-packaged solution eliminates technician assembly
- Space saving, compact modular design
- Easy to add or replace regulators in the field


Features

- Analytically Correct™ purge loop
- Inlet filter & gauge
- Up to four (4) pressure regulators with respective gauges
- Integral valving
- Regulator kit



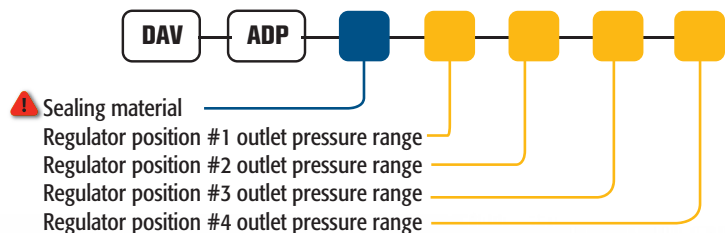
Model Numbering & Additional Part Numbers

Your model number is determined by your specific needs. Choose options below.

Sealing material 	7 = Neoprene rubber (other materials available upon request)				
Outlet pressure range (psig)	0 = 0-25	1 = 0-50	2 = 0-100	9 = 0-10	X = No regulator & No gauge

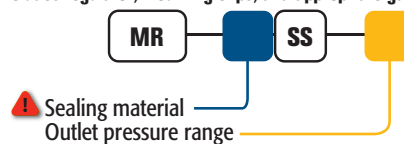
Make sure to indicate the appropriate position for each regulator on the board by filling in the corresponding blank when completing the part number below.
Each pressure regulator includes a pressure gauge. Reference the dimensional drawing for regulator positioning.


How to build the model number:



Regulator kit part number

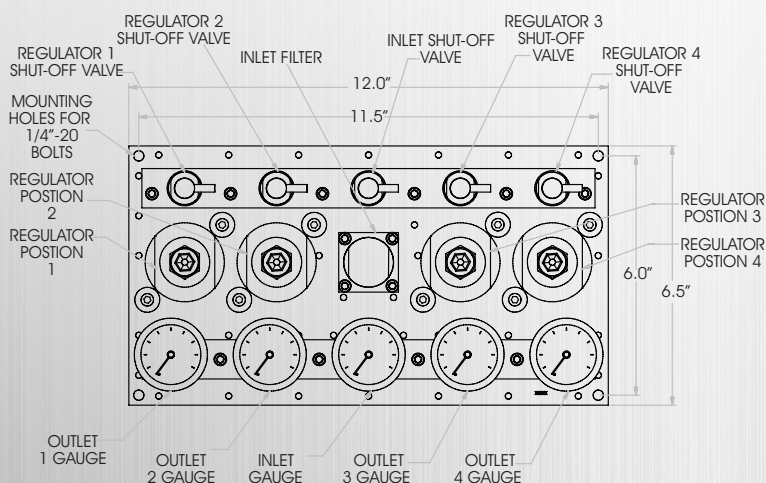
(includes regulator, mounting clips, and appropriate gauge)



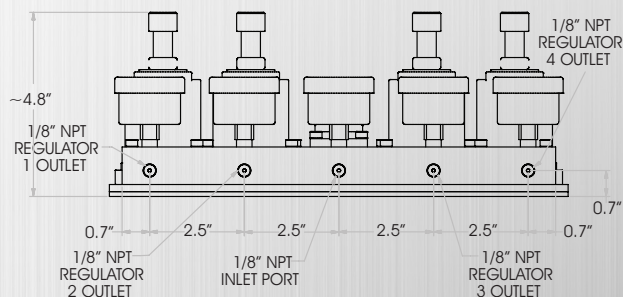
 We cannot recommend specific sealing materials due to the complex nature of sample stream compositions. Temperature and pressure also may be factors. Unless specified otherwise, the product will ship with our standard sealing materials and materials of construction stated in the technical specifications section of the corresponding Product Sheet. Please refer to www.dupontelastomers.com for sealing material recommendations and advice. It is the user's responsibility to specify the sealing materials of construction for their application.

Dimensions

Front View



Bottom View



Local Distributor

A+ Corporation is the leader in Analytically Correct™ Sample Extraction and Conditioning Systems.

Contact us for expert product application assistance.

sales@geniefilters.com > 225.644.5255 > Fax 225.644.3975

41041 Black Bayou Road, Gonzales, LA 70737 An ISO 9001:2008 Certified Company

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