

Advantage 400

[Frequently Asked Questions]

Topic	Question	Answers
Harness	What is patented on the harness in particular?	The unique locking mechanism, together with the possibility to exchange from drop-down to non-drop-down
	What are the results of the bending test of the harness	Several bending tests have been made on cradles at various ambient temperatures. The goal was to complete functionality after 200 alternate bending which was achieved.
	What was the reason to choose the drop down mode as it is today?	It is the best way to perform the drop down as easily and securely as possible. The goal was also to allow a lock down feature without designing two different systems.
	How can you make sure that you place and tighten the mask symmetrical when pulling the front straps?	Just need to follow the donning procedure by pulling the 2 straps at the same time once the cradle is adjusted and placed on the head. The issue would be exactly the same with a standard harness if one side is not adjusted at the same length. The Advantage 400 harness can be adjusted in one step instead of several with a standard harness.
Nose Cup	How the process was to find the optimal Anthrocurve II face seal design?	The design team has used the latest NIOSH fit test panel for respirator sizing and has adapted it to the original Anthrocurve concept developed for the Advantage 200. The idea was to follow as close as possible the natural facial contours around the nose area. FYI, the test house has mentioned that it was the best half mask they have ever tested (but of course we cannot have this information in writing ...)
	And what is the difference between Anthrocurve and Anthrocurve II?	The Anthrocurve II is just a little different curvature of the nose bridge area of the mask compared to the Anthrocurve I It is also related to the extended test panel as well as the softness of the material used, and the texture inside the nose cup.
	Where is the advantage of the moisture release in the chin cup?	To release the excess of moisture in the chin cup and by doing so improve the comfort. It also reduces slippage of face piece in hot humid conditions
	Why the drain hole is placed so high as the moisture might be collected in the chin cup anyway?	If you look at the mask in working position, then you will notice that the release is not too high as it is pointing downward

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Maintenance	<p>Please specify why the maintenance time can lead to a reduced cost of ownership compared to other half masks?</p>	<p>Disassembling/reassembling is easier and faster than any competitive product (mainly 3M 7500) as well as featuring a smaller number of parts. It is particularly obvious when doing the maintenance procedure of several masks at the same time.</p>
	<p>For example where is the difference compared to an Advantage 200?</p>	<p>The Advantage 200 is a maintenance free mask therefore it has no spare part and cannot be compared with the Advantage 400.</p>
Approvals	<p>Is it allowed by the regulation to offer only a CD with the instructions of use (not printed one)?</p>	<p>The mask was approved as it is now and the test house has agreed to it. From the CD it is possible to print any version available.</p> <p>In addition, it was an "ecological sensitive" decision to not print 16 pages x 21 languages as most will be useless in many countries. Avoids projection of exhaled humid air and reduces fogging on face shield lens</p>
	<p>I cannot find a document that ties the Advantage filter line to the Advantage mask. Why?</p>	<p>The face piece is not approved WITH the Advantage bayonet filters but FOR the Advantage bayonet filters, and the filters are not re-certified.</p> <p>The approval of a mask and a filter are independent and regulated by different standards:</p> <p>EN 140 for the half masks face pieces EN 14387 (formerly EN141) for gas and combination filters EN 143 for particle filters</p> <p>There is no direct link between those standards. If the face piece uses a EN148 standard threaded connection, then all EN148 filters can be used as long as they are within the allowed weight limits (300g for a half mask). If the connection is specific, then only compatible filters can be used,</p> <p>The Advantage bayonet connection type is specific by MSA and guarantees the full compatibility of the Advantage filters line and the Advantage bayonet type face pieces.</p>
	<p>Why are the part numbers for the new Advantage 420 half masks different on the leaflet and on the EC Type Test Certificate?</p> <p>Why are we doing that?</p>	<p>The p/n mentioned in the certificate is related to the Model p/n and not to the Sellable product p/n. The model is the face piece only (which was practically tested). The Sellable product also includes packaging and instructions (which have been also approved)</p> <p>Just because the model is used for various approvals and the identification number (model) is engraved in the nose cup.</p>

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Launch	<p>When are the Advantage 400 series launched globally and where to order?</p>	<p>The Advantage 420 has been launched globally. The launch information and the launch package have been released to the regions second half of July.</p> <p>The EN approved Advantage 420 have also NIOSH and other international approvals. Other approvals are pending like Australia, South Africa or Brazil.</p> <p>They can be ordered either from Europe or from US using the same p/n. However for convenience reasons, I would recommend to order it directly from US using the Global p/n as follows:</p> <p>10102273 Advantage 420 Small 10102274 Advantage 420 Medium 10102275 Advantage 420 Large</p>
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Note: This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



Advantage 400 – FAQ, Rev00, Oct 2009

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