

Technical Bulletin

TB5000-061

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Air Strip Valve Upgrade

CATEGORY: Recommended for Plant Implementation.

Summary: CarnaudMetalbox recommend the following component upgrade to increase the service life of the air strip valve. (Part number UMV-5469)

As a result of customer feedback CarnaudMetalBox Engineering recommend the replacement of the plastic diaphragm holder with an improved aluminium design.

The plastic diaphragm holder consists of a plastic body with a steel threaded insert. However, prolonged periods of continuous operation have resulted in the gradual fatigue of the plastic diaphragm holder. This has resulted in the appearance of cracks with the component eventually separating into many parts. See Fig. 1



Threaded Insert Fig. 1

After investigation by CarnaudMetalBox

engineers and in collaboration with the air valve suppliers the plastic diaphragm holder has been replaced with an aluminium diaphragm holder which will increase durability and extend service life. See Fig. 2

A spares kit (Part Number UMV-5686) is available from CarnaudMetalBox Engineering to refurbish existing air strip valves to the latest standard.

From February 2012 onwards all new air strip valves purchased from CarnaudMetalBox Engineering will include the new aluminium diaphragm holder as standard.





Fig. 2 Aluminium Diaphragm Holder

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