

Engineering Bulletin 4-2012

Date: August 1, 2012 – Revised August 14, 2013

Subject: Modification of Internal Air Emergency Valve Breather Port

Betts Internal Air Emergency Valves are produced with a breather port to normalize pressure in the air cylinder. This port must remain unobstructed at all times to allow proper function of the valve. Historically, this port has terminated in a sintered breather plug.

Beginning in 2013, Internal Air Emergency Valves will be produced with a breather port consisting of a brass fitting and a 4-inch drop tube. These parts will replace the sintered breather plug and will enhance the service life of the valve.



Valve with sintered breather plug



Valve with fitting and drop tube

During normal maintenance, it is important to inspect the tube for blockage or deterioration and replace components if necessary. The drop tube must also face downward (as shown) at all times to prevent internal contamination of the air cylinder.

Valves classified as hot products valves (suffix '030') will feature the brass fitting but no drop tube.

The part numbers of the brass fitting and drop tube vary per style of valve and can be obtained by contacting engineering or sales.