



## Auto-Recharging Dehydrating Breather (ARDB) Design Upgrade

### DESCRIPTION:

On the old ARDB designs, the commissioning instructions include the requirement to open the breather housing and remove any media from the check valve ball after adding the Silica Gel. The cleaning of the check valve ball is also required when the old design ARDB is shipped with the Silica Gel in place attached to a product, or if the Silica Gel is replaced. Failure to clean the Silica Gel dust from the check valve ball could result in the ARDB becoming inoperable.

### BENEFITS:

The design upgrade eliminates the need to perform this task and has been incorporated on all new ARDBs as of September 1, 2001. The upgrade is also available as a Retrofit Kit for all existing ARDBs at *no charge*.

The design upgrade places a high-grade filter element below the Silica Gel media to capture all dust from entering the check valve ball. In addition, the Breather below the check valve has been changed to allow for a more rapid release of moisture.

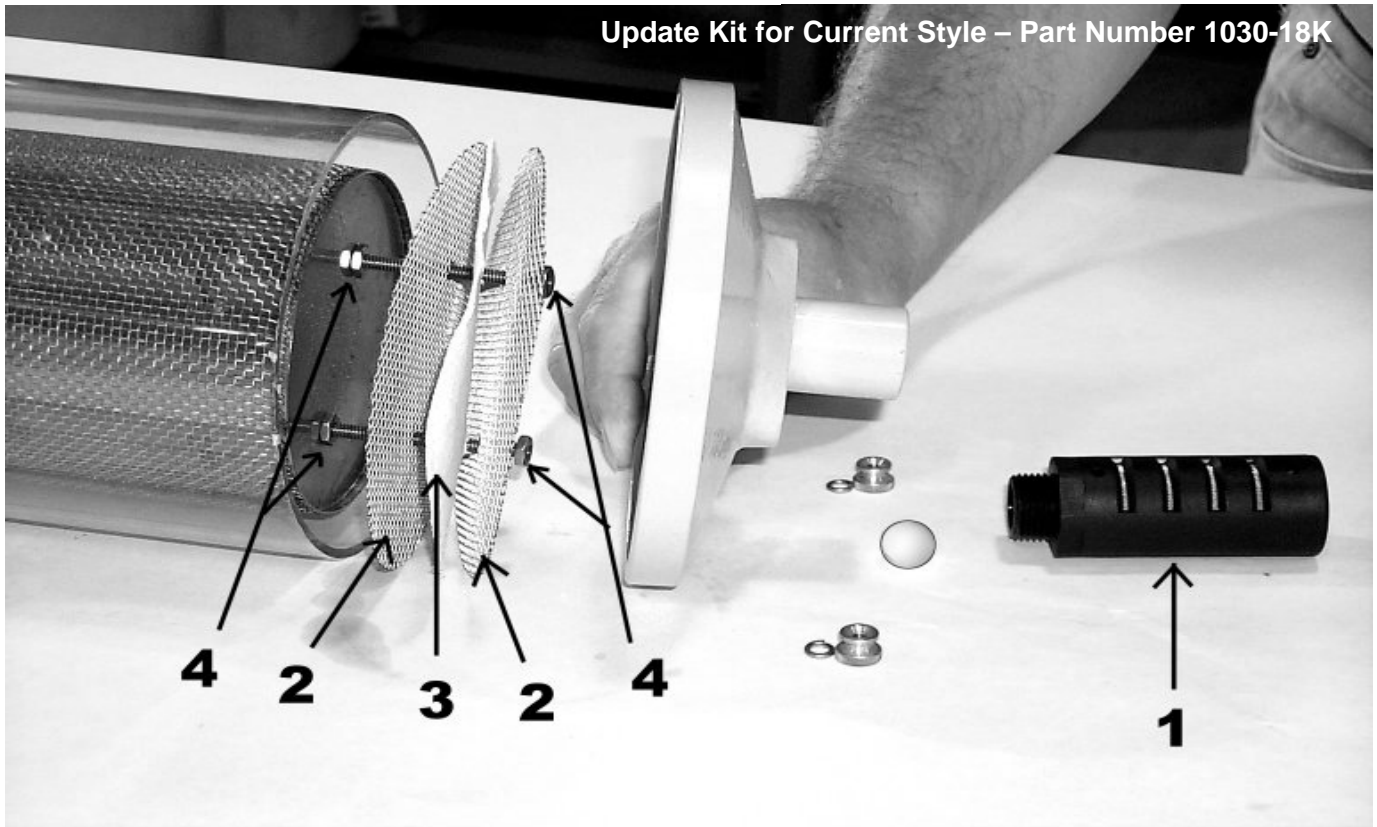
The filter element is not required on existing ARDBs if the Breather has already been removed and the check valve ball cleaned. We do, however, recommend the Breather upgrade.

### INSTALLATION:

The upgrade is easily installed by simply removing the bottom housing, adding the various components and reassembling the housing. Please refer to the illustrations on page 2.

**Retrofit Kits and detailed installation instructions can be obtained from High Voltage Supply, a division of Waukesha Electric Systems. High Voltage Supply can be reached at 800-338-5526 or on the web at [www.HighVoltageSupply.com](http://www.HighVoltageSupply.com).**

Update Kit for Current Style – Part Number 1030-18K



Update Kit for Original Style – Part Number 1030-20K

