



Auto-Recharging Dehydrating Breather

You May Never Need to Change Your Desiccant Again!



Automatic recharging of silica gel maintains peak drying performance. Reduces maintenance costs by eliminating the need for periodic replacement/disposal of saturated silica gel.

Reduces Maintenance Costs

If you normally perform required maintenance on your silica gel breather, the ARDB will save you time and money.

More Reliable Equipment Protection

If you seldom maintain the silica gel, it will increase your operating reliability.

Automatic Recharge

Integrated heater drives moisture out of desiccant and is engineered to recharge automatically, eliminating the need for periodic maintenance of the desiccant.

Quick and Easy Installation

The ARDB installs quickly and easily, replacing an existing silica gel breather. Connect it to a power supply and it may never need service again!

Variable Time-Based Settings

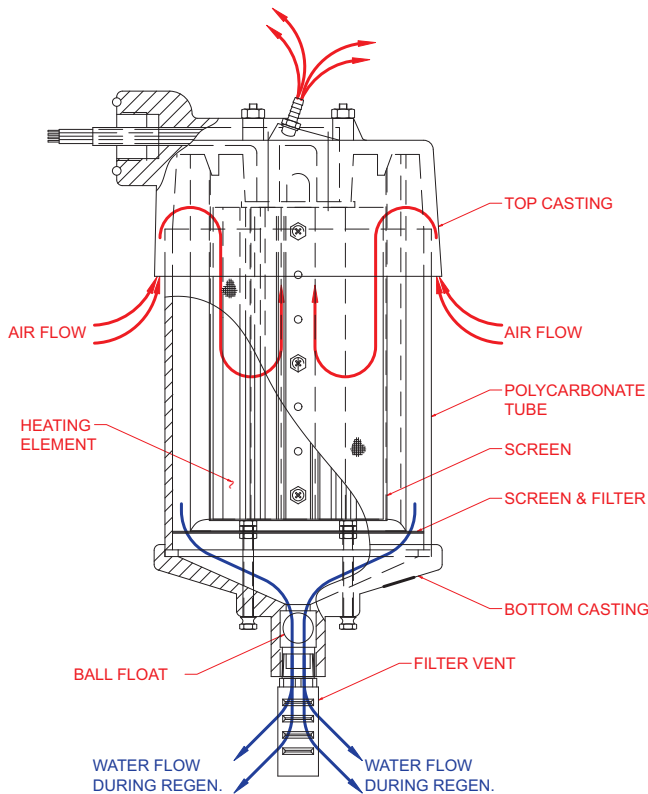
Included timer allows variable time-based settings for automatic regeneration of silica gel. Time settings for once per day, once per week or once per two-week intervals can be set by the customer.



Customer Configurable

SEE BACK SIDE FOR
PART NUMBER
CONFIGURATION TOOL.

Large Auto-Recharging Dehydrating Breather (ARDB) —
Standard ARDB and Dual ARDBs also available



Operation

During regeneration, a heating element located inside the ARDB assembly heats the saturated silica gel, driving the moisture out. This moisture condenses on a polycarbonate tube, forming free water, which then flows down the tube and accumulates in the bottom casting. This accumulation causes the ball float to rise, allowing moisture to drip out the bottom vent. After all moisture has drained, the ball float reseals against the bottom casting, preventing further air from flowing freely through the breather (consuming excess desiccant capacity).

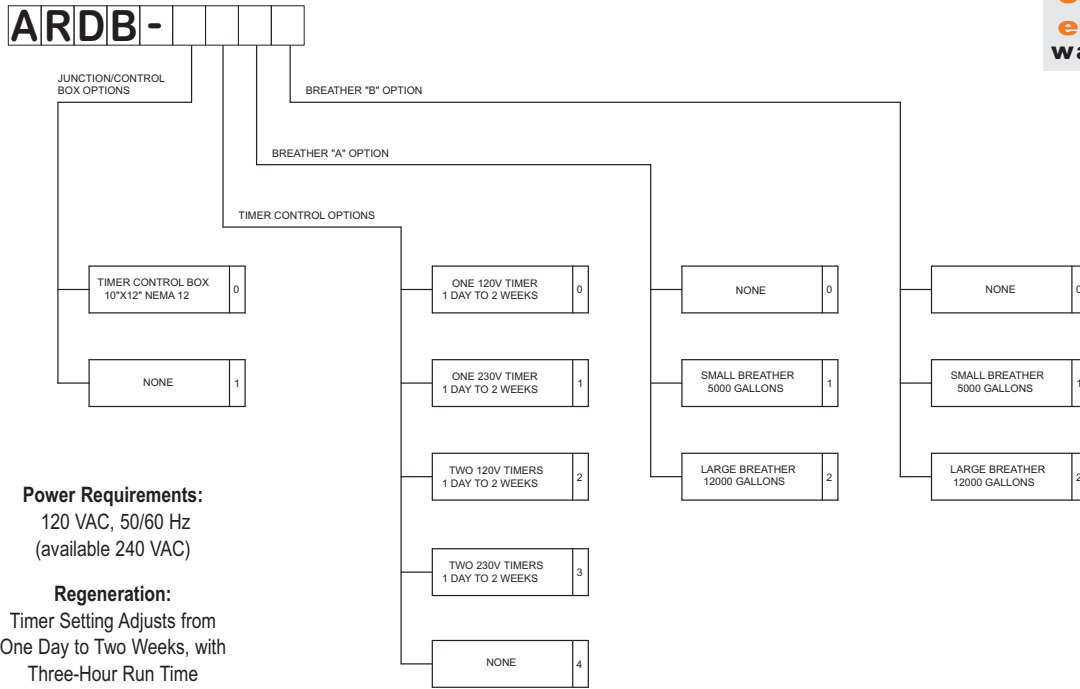
NOTE: Heating elements are enclosed within the screen and are designed to provide maximum surface contact with silica gel. To meet a variety of needs, we offer our ARDBs with a choice of either cobalt chloride (blue) indicating silica gel or our new Enviro-Gel™, an environmentally-friendly, enhanced performance silica gel.

Build Your Own Part Number Using Configuration Below:

For More Information

call 800-338-5526

e-mail HVSinfo@waukesha.spx.com



Power Requirements:

120 VAC, 50/60 Hz
(available 240 VAC)

Regeneration:

Timer Setting Adjusts from
One Day to Two Weeks, with
Three-Hour Run Time

Standard ARDB

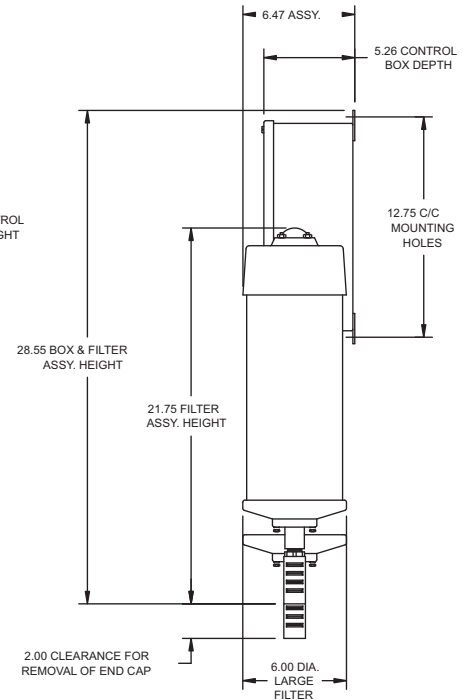
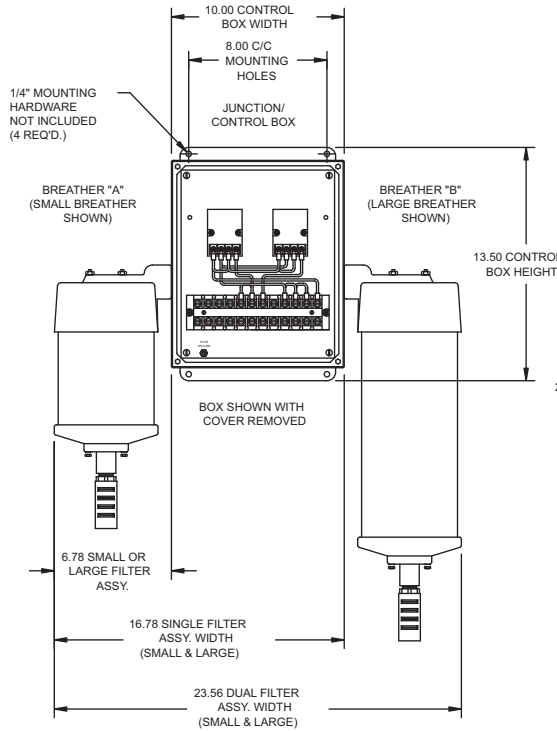
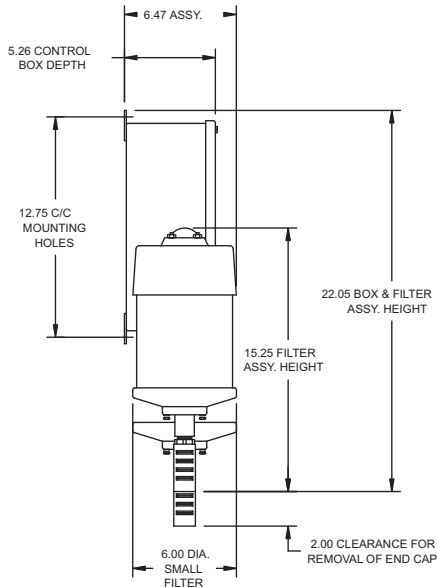
Oil Volume: 5,000 gallons or less
Amperage: 6 amps start-up / 3 amps during operation

Dual ARDB

(Available as Dual Standard, Dual Large or One of Each)
Oil Volume: Up to 24,000 gallons (depending on configuration)
Amperage: 12 amps start-up / 6 amps during operation

Large ARDB

Oil Volume: 12,000 gallons or less
Amperage: 6 amps start-up / 3 amps during operation



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800-338-5526

Waukesha® Auto-Recharging Dehydrating Breathers are manufactured and distributed by High Voltage Supply, a division of Waukesha Electric Systems, Inc. U.S. Patent No. 5,902,381 and Patent Pending.

To continually improve its products and services, Waukesha Electric Systems reserves the right to change specifications and features without notice. Please contact HVS for certified dimensions and drawings.

www.HighVoltageSupply.com