

DRI-EAZ® Gazette

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VOLUME 3 ISSUE 1

RESTORATION NEWS

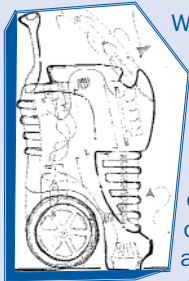
WINTER 2004

THE CORNER OFFICE

BY JOHN ORMSBY

You're a part of the Evolution

The release of the new Evolution LGR dehumidifier was the culmination of a long, deliberative process involving nearly all Dri-Eaz associates. The process involved a great deal of research, time, analysis, and patience. But it also involved a lot of listening.

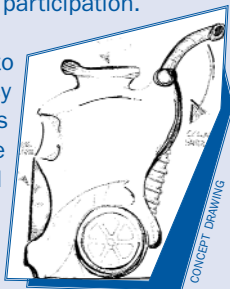


CONCEPT DRAWING

We're always on the lookout for new product ideas, and we listen closely to what you're saying in education classes, at trade shows, on phone calls, and in surveys. In fact, you played a key role in the Evolution dehumidifier development process. Restorers in our Applied Structural Drying classes appreciated the performance of low grain refrigerant (LGR) technology, but wished they had a more compact unit. Before the Evolution, size was the only real limitation of LGR. Our engineers went to work to overcome this limitation, and they succeeded.

It's critical that we involve you throughout the development process, as we work to build products that are high quality, top performance, and user-friendly. That's why many of you have been asked to participate in focus groups, phone interviews, or field testing. We greatly appreciate your participation.

Our goal with the Evolution was to build an extremely versatile, easy to use tool to make drying jobs thorough, fast, and efficient. We hope that the Evolution will translate into further business efficiency and future success for you.



CONCEPT DRAWING

NEW! EVOLUTION LGR

PREMIER PERFORMANCE. COMPACT DESIGN.

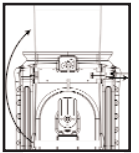
With the February release of the new Evolution, Dri-Eaz is the first to pack advanced low grain refrigerant (LGR) technology into a compact-sized dehumidifier. Designed with the restoration professional in mind, the Evolution offers the best technology and most functional, user-friendly features. It's a highly versatile addition to your drying fleet!

Because it's an LGR, the Evolution will keep pulling moisture after specific humidity falls below 40 grains per pound - where deep drying occurs and when many other dehumidifiers have stopped working. Incredibly portable at only 92 pounds and 33 inches tall, the Evolution is the ideal size to handle a small residential water damage job on its own. It's also great as part of a multiple room drying team - placed in combination with larger dehumidifiers to best fit the footprint of a structure.



Not only is the Evolution a top performer, it's also a highly functional piece of equipment. Check out some of its exciting features:

- **LOW AMP DRAW** - Highly efficient at 5 amps
- **NEW HANDLE** - New, durable folding handle
- **IMPROVED HOSE WRAP** - Quick-release design minimizes kinks
- **3M HAF FILTER** - Best performance in the industry
- **EASY PUMP ACCESS** - For easy maintenance and cleaning



FOLDING HANDLE

For more information about the Evolution, its features and applications on the job: Visit www.dri-eaz.com/vtc



EVOLUTION HAS "HANDS ON" EXPERIENCE FROM FIELD TESTING

Before final production begins on any new Dri-Eaz product, we send out "field test" models to restorers around the country who volunteer to use the new equipment on their everyday drying jobs. Field testing allows us to gather valuable feedback about how a new product performs in real-life situations, and the new Evolution received fantastic reviews!

"Over the top tool. Offers just the performance nudge we need to get proper pints of dehumidification needed for specific jobs. Great for small areas where the big units cause too much heat."

- Mike Hammersley,
Hammersley Restoration

"The new unit is very good. I like the size & look of it. The grain depression is of course better than the 1200, which is also a great unit. The handle is a good improvement, much sturdier than the other. The low amp draw is of course a plus."

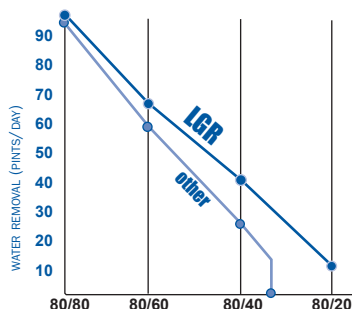
- Rob Kochon, Dial One
Magna Dry

If you're interested in becoming a Dri-Eaz field tester, contact Jim Myers at jimm@dri-eaz.com.

LGR VS. CONVENTIONAL REFRIGERANT: WHAT'S THE DIFFERENCE?

Choosing the right dehumidifier can seem like a complicated decision. Understanding how different dehumidifiers work, and in what situations they work best, can help you make the choice in every drying job.

● **Conventional refrigerant** dehumidifiers work similarly to a portable air conditioning unit. Condensation collects on the cold coil inside, drips into a collection tray, and is pumped out. The primary benefit of standard refrigerants is that they perform very well in high humidity situations. They help evaporate free water and pull bound moisture out of highly porous materials like carpet and pad. The drawback with standard refrigerants is that they do not perform as efficiently when humidity gets low (below 40 grains per pound). The drier the air becomes, the more time the unit will spend in defrosting mode and the less time it will spend actually removing water.



● **Low grain refrigerant (LGR)** technology is a newer, more efficient approach to dehumidification that actually pre-cools incoming air before it's drawn across the cold coils. Defrosting of the coil doesn't have to happen as frequently, so an LGR performs much better in lower humidity situations—down to 30 grains per pound or lower, depending on conditions. The extremely dry air produced by an LGR will accelerate the evaporation of bound water out of difficult-to-dry materials like wood or concrete. Ultimately, structures will dry faster and more thoroughly using an LGR.

DRI-EAZ UNIVERSITY OFFERS NEW MOLD COURSE

The new IIRCRC S520 is out—weighing in at a whopping 140 pages! Luckily, Dri-Eaz has made understanding the new mold guidelines simple by boiling them down into an easy-to-follow 1-day class. The S520, or Standard and Reference Guide for Professional Mold Remediation, is the result of 3 years of collaborative effort on the part of dedicated volunteers from the public, institutional, and private sectors. Its purpose is to combine scientific principles with practical procedures for technicians facing real-life mold remediation challenges.

S-520
1 day class

About our course

Dri-Eaz has broken down the S520 into five general principles of mold remediation: safety & health, project documentation, contaminant control, contaminant removal, and contaminant prevention. Our course covers mold issues, highlights of the S520, and principles of mold remediation. However, it does not cover everything there is to know about mold remediation, hands-on mold remediation, or

applied microbial remediation. Our goal is to introduce you to the new standards and references in a way that's easy to absorb.

Why attend a class?

The best answer lies in why the industry created the S520. Like the S500, it creates continuity in the delivery of services, and helps reduce the occurrence of poor practices. Many restoration professionals won't consider expanding their business

into mold remediation, because of their concern over liability and lawsuits. The creation of the industry's first mold remediation standard could give some restorers the motivation and added security they need.

Now Available.

Sign up now! Stay informed about the latest industry guidelines, and get a jump on the competition. If you have questions or need more information on any course offered at Dri-Eaz University, contact Michelle Malmstrom in the Education Department at 800-575-5152.

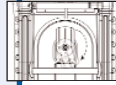


SERVICE TIPS ~ EVOLUTION LGR

With these few simple maintenance tips, you can help ensure that your new Evolution is performing at its peak.

CORD WRAP

Like other Dri-Eaz dehumidifiers, the Evolution includes 40 feet of drain hose for reaching a faraway sink or even outside. What's new is a quick-release function that allows you to remove the entire hose at once, minimizing the chance of kinks. Simply pull the top hose wrap and twist 180° to release the hose.



PUMP

Easy pump access on the Evolution makes regular inspection and cleaning a snap. Simply remove the 4 bolts fastening the metal cover on the bottom of the unit to get to the pump. We recommend checking the pump every 2-3 months, depending on level of use.



FILTER

The Evolution uses a 3M High Air Flow (HAF) filter, the same type of filter that's now standard on all Dri-Eaz dehumidifiers. The HAF filter's electrostatically charged media captures more particles than a traditional foam filter, and has an open channel structure that helps reduce the occurrence of particle clogs. However, you should still check regularly for accumulated dust and dirt that could restrict airflow. The filter can be vacuumed out up to 2-3 times before replacing.



NOTE: Do NOT wash the filter, as it will reduce the effectiveness of the electrostatic material. Also, you MUST replace the filter after any mold remediation job.

COILS

Keeping the coils clean is just as important as keeping the pump clean, because dirty coils can cause the unit to overheat. We recommend checking and cleaning coils monthly. In order to do so, first unplug the Evolution. Next, remove the housing, locate the coils, and allow them to dry. Vacuum both sides of the coils until clean, being careful not to let the nozzle touch the fins (which could bend them).



Surveymaster offers 2 ways to monitor moisture



The GE Protimeter Surveymaster simplifies moisture measurement into 2 easy functions: *search* and *measure*. Recently re-designed to make use even easier, the Surveymaster helps distinguish sub-surface from surface dampness, essential information when diagnosing the extent and cause of a moisture problem.

SEARCH

Detect moisture without making holes in materials, and independently of surface moisture. The search mode uses non-invasive radio frequencies to locate moisture behind finished materials like ceramic tile and vinyl flooring.

MEASURE

Penetrate materials with pin electrodes to take precise readings of moisture content in wood or Wood Moisture Equivalent (WME) in other materials

NEW DESIGN

The new Surveymaster model includes the same reliable measurement functions as the older model, but is updated with an easier-to-use design.

- Ergonomic and lightweight
- Clear display with color-coded scale
- Numeric readings for both pin and pinless measurements
- Audible alarm indicates moisture levels
- Adjustable auto shut-off from 1 to 3 minutes



For more details about the Surveymaster and its functions, visit www.dri-eaz.com/vtc

DRI-EAZ CALENDAR

ADVERTISEMENT

March

Cleaning & Restoration
Evolution LGR

Cleanfax
Evolution LGR

ICS Cleaning Specialist
Evolution LGR

April

Cleaning & Restoration
Evolution LGR

Cleanfax
Evolution LGR

ICS Cleaning Specialist
Evolution LGR

TRADESHOWS

COIT
March 5, 2004
Burlingame, CA

Chem Dry
March 7-9, 2004
Big Island, HI

ASCR
March 10-13, 2004
Colorado Springs, CO

Stanley Steemer
March 27, 2004
Orlando, FL