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Model Number: F412

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Manufacturer: Drieaz

DriEaz 108110: Drizair LGR 7000XLi Commercial Dehumidifier F412 L412-GRN

Syclone LGR145 Drieaz LGR 7000XLi
Advanced LGR Performance

Breaking the performance barriers as the new category leader, the LGR 7000XLi removes more water than any other dehumidifier in its category! Want to unlock the true potential of LGR performance for your business?
Discover true low-grain performance with the 7000XLi! Dry faster and more efficiently. Streamline your equipment maintenance procedures. Boost your profitability. Improve your bottom line!Look to the LGR 7000XLi from Dri-Eaz.

To achieve the 7000's amazing performance, Dri-Eaz engineers developed the Advanced Crossflow Technology to maximize energy utilization. At the same time, the unit's built-in sensors constantly monitor real time performance data to automatically calculate ideal operating parameters – such as fan speed and cycle duration – in real-time.
With its outstanding performance at AHAM and saturation, plus 40% better low-grain performance than competitive units, the 7000 is truly the top performer.

The LGR 7000XLi control panel displays inlet and outlet temp and RH in real time. No obscure codes are used here! Plain English text (and three other languages) provide clear operational information.

It also greatly simplifies cleaning and maintenance. Simply remove four bolts and the cover easily lifts off to fully expose the coils and the heat exchange block for cleaning.

The 7000XLi includes a built-in humidistat for set-and-forget

Advanced engineering achieves unrivaled performance

To achieve the 7000's amazing performance, Dri-Eaz engineers developed Advanced Crossflow TechnologyTMto maximize energy utilization. At the same time, the unit's

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built-in sensors constantly monitor real time performance data to automatically calculate ideal operating parameters – such as fan speed and cycle duration – in real-time.

The astounding thing about the 7000 is its XL category-busting performance in a unit that matches the size of an Evolution and weighs just 102 pounds! With an amazing 130 pints/61.5L per day tested water removal at AHAM (80°F/60% RH) and 235 pints/111L at max (90°F/90% RH), plus 40% better low-grain performance than competitive units, the 7000 is truly the top performer.

But the 7000Xli is also an operator-friendly machine. The control panel displays inlet and outlet temp and RH in real time. No obscure codes are used here! Plain English text (and three other languages) provide clear operational information. Best of all, with its integrated oversized pump basin, the 7000 has been designed to prevent accidental spills when moving the unit off the job.
The 7000 XLi greatly simplifies cleaning and maintenance. Simply remove four bolts and the cover easily lifts off to fully expose the coils and the heat exchange block for cleaning. And of course, the Legendary rotomolded housing is practically indestructible.

Dri-Eaz Products ships new groundbreaking dehumidifier
LGR 7000XLi removes more water than any other dehumidifier in its category.

FOR IMMEDIATE RELEASE

December 15, 2011 – Burlington, Wash. Dri-Eaz Products is now shipping the LGR 7000XLi dehumidifier, the new dominant performer in the Xactimate “Extra Large” category.

The new Dri-Eaz LGR 7000 delivers extra-large dehumidifier performance in a compact, highly maneuverable unit that only weighs 107 lbs. Given its size and water removal capacity – 130 pints/61.5L per day at AHAM and 40% better low-humidity performance than competitive units – the 7000 sets a new industry record in pound-for-pound performance.

“We’re excited to get this unit in our customers’ hands and out in the field,” said John Ormsby, President of Dri-Eaz Products and ProRestore Products. “We know they’re going to be astounded by its performance, portability, timesaving features and overall quality of build. Our customers simply won’t be able to justify the purchase of any competitive unit. Why? Because there aren’t any that even come close.”

The unit’s digital controls display plain-language status messages as well as

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real-time temperature and RH conditions. A completely integrated and oversized pump basin prevents accidental spills when moving the unit. The rotomolded polyethylene housing is practically indestructible and is designed to be stackable for storage. To inhibit the growth of stain and odor-causing bacteria and mold inside the unit, the pump basin and the pump basin liner are both infused with Microban product protection.

The 7000 is also designed to make maintenance as simple as possible. Operators simply remove four bolts and the cover easily lifts off to fully expose the coils and the heat exchange block for cleaning. A High Airflow filter from 3M ensures maximum airflow characteristics.

The 7000 delivers its remarkable dehumidification performance in a large part due to a patent-pending heat exchange system called Advanced Crossflow Technology. This technology, coupled with the unit’s onboard sensors and control systems, allows the 7000 to automatically optimize performance in a wide range of conditions.

Advanced Crossflow Technology was developed by Rick Black, PhD., Engineering Manager at Dri-Eaz. Black, who joined Dri-Eaz in February, has over 22 years of engineering and project management experience. He has worked on a number of specialized engineering projects including aircraft propulsion and microelectromechanical sensor control systems. His patents include a cooling system for a rocket payload section, and an air data system for military aircraft.

Black appreciates the combination of technical challenges and applied engineering that occur each day at Dri-Eaz. Dri-Eaz’ conducts virtually all of its product design, engineering, testing and manufacturing in its Burlington, Washington, facilities. Black is a strong proponent of testing and led the Dri-Eaz Engineering team in conducting more 3000 hours of testing prior to the release of this new dehumidifier.

Visit this link to see the 7000XLi in production at the Dri-Eaz manufacturing plant in Burlington, Wash.: http://youtu.be/zNsb_Scbi2Y.

FeaturesSpecs

Product Features

Advanced Crossflow Technology maximizes efficiency even in low grain environments. Ensures best performance across range.
Self-monitoring system. Built-in sensors monitor performance parameters allowing

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for automatic fan speed adjustments.
Built-in humidistat and plain-English control panel messages
Sealed large-capacity pump basin – more than enough to handle the water from an unintentional defrost that might occur after a power outage or other unexpected shut-down.
Ergonomic design. Handle 2 in. taller for easier use on stairs, folds down for storage. Integrated cord and hose storage.
Versatile application – standard 12 in. ductable outlet.
Legendary rotomolded housing – practically indestructible – resists dents and dings – stackable for storage – saves room in warehouse.

How YOU can benefit from the 7000XLi

Superior performance in all drying conditions
Delivers 40% better low grain capacity to dry jobs faster
Packs XL category-leading performance into the easiest-to-transport unit
Time-saving display shows job conditions and plain-language system messages
Durable, made-in-America build for reliability you can count on

"Easy to move up and down stairs"

I’ve had two LGR 7000s for a month now and have had them out working on several jobs already. The 7000 works great, especially when I compare it to the R200 which is the other model I’ve used. I really like the mobility, and my technicians say it’s easy to move up and down stairs. And the built-in inlet and outlet temps and RH display makes a huge difference. This is something the Phoenix doesn’t have. I’m really happy with my 7000s.
—Seth Poulson, PurClean Pro

"Extremely portable"

For the size the 7000 is extremely portable, just like the Evolution. I really like the air flow or exhaust at the bottom of the unit. That is really great to utilize the heat coming out of the bottom – amazing and works well. I also like that the hose and cord storage pockets are on side of the unit. Fantastic! This may seem like a small detail but it really is practical when using the unit. Having the filter on top to inspect it and get to it easily is another useful feature. I also like that the control panel is on the back and easy to check when using it. That’s a really nice feature we don’t see on other models.

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—Mike, Five Star Disaster Services

Product Specifications

Model

LGR 7000XLi / 115943 / 53480

Power

8.5 amps, 115V

Water removal AHAM (80°F/60%RH)

130 pints | 61.5 liters / day

Water removal max. (90°F/90%RH)

235 pints | 111 liters / per day

Water removal LGR

40% more than competitive units

Process Air

325 CFM, floor-level outlet

Dimensions

33.5 × 20.7 × 20.7 in. | 103 × 58 × 61 cm

Use weight

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102 lbs. | 48 kg

Drain hose

40 ft. | 12.2 m

Power cord

25 ft. | 7.6 m

Construction

Rotomolded polyethylene shell

. Print Brochure

Drieaz 7000lxi
AC629
115942
53480
Syclone LGR145

Parts list

Drieaz F368 3M Drizair 7000XLi and 1200 F203 HAF Filter Pak of 3

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Dry Smart, Dry Fast

Dri-Eaz dehumidifiers are well known for their market-leading performance, durability and reliability, as well as their easy maintenance and long service life. In 2009, we introduced a unique, powerful control panel and sophisticated internal sensors with our new line of i-Series dehus. You first saw these in the LGR 2800i and 3500i, then the 7000XLi and now the Revolution LGR. It is this patented control system that truly sets Dri-Eaz dehumidifiers apart.

Benefits to Customers
The i-Series control panel makes monitoring jobs easier and ensures more efficient drying.

Customer benefits include:

* Easier documentation for drying jobs
* Optimized drying across the full range of conditions
* More accurate information to help guide equipment use

The information in this email will help you and your team highlight the benefits of i-Series control panels with your customers. It's the feature that truly differentiates Dri-Eaz dehumidifiers from all other competitive products on the market.

How It Works

The controller uses data from the onboard RH and temperature sensors to deliver maximum performance in all operating conditions.

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This technology allows Dri-Eaz dehumidifiers to deliver maximum water removal throughout the restoration process. Whether it is the high humidity and cooler temperatures typically found at the beginning of the job or the drier, warmer conditions near the end of the job, i-Series dehumidifiers remove as much water as possible in all conditions automatically and with no user intervention.

Because the built-in sensors are constantly in the airstream, they are always acclimatized. This saves time compared to hand-held meters, which can require 10-15 minutes to acclimate. In addition, the data gathered by the sensors is automatically displayed on the illuminated screen for convenient viewing at a glance.

Dri-Eaz designed the control panel to sit in a protected recess within the housing and added rugged membrane switches. This guards against accidental damage and prevents unintended setting changes. Users can easily switch the system to humidistat mode for specialty environmental control, and access a variety of system data, including total run time, plain language error messages and diagnostic information. The panel can be set to display in English, Spanish, French or German.

i-Series Control Panel:
Enhanced Dri-Eaz Technology for Superior Dehumidifier Performance and Monitoring Efficiency

Clear Messaging for Improved Equipment Operation

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* Inlet/outlet temp and RH
* Job hours and reset
* Life hours
* Coil/evaporator temp
* Defrost cycle (shows when defrost is in progress)
* Humidistat mode (runs until target RH level is established)
* Plain language system messages for easy troubleshooting

For superior performance, easy monitoring and legendary reliability, more and more customers are choosing the i-Series dehumidifiers from Dri-Eaz.

Research and Resource:
Commercial and Industrial Dehumidifier Comparison Chart

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Optional

DriStorm Dehumidifier Booster Amplifier 20181009 Raises Temp and Lowers Relative Humidity
Video On Link!

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Availability: This product was added to our catalog on Wednesday 14 September, 2011