
Low Grain Refrigerant Dehumidifiers

- An **L.G.R.** is a very powerful dehumidifier, with the ability to remove more water from the air than a conventional refrigerant dehumidifier. Therefore, it dries water damaged structure and contents faster.
 - **Maximum capacity of a Phoenix 200 LGR is approximately 30 gallons per day. Nearly twice that of a conventional refrigerant dehumidifier.**



How an LGR Works

- A refrigerant dehumidifier works by cooling warm, ambient air to its dew point, condensing the vapor, and collecting the water. In a conventional refrigerant dehumidifier this is done in an instant as the warm air passes over super-cooled, refrigerant coils. **In an LGR, the air is pre-cooled prior to reaching the refrigerant coils, which allows more moisture to be removed in the same amount of time.**

Ducting Exhaust Air

L.G.R.'s have the ability to duct heated exhaust to areas where excess heat is needed.

Heated air will help evaporate hidden, trapped moisture.

(70° air will hold twice the water vapor of 50° air.)

SERVPRO®

Ducting Dry, Heated Exhaust Air to Crawl Spaces with an LGR

