

# Phoenix **R200** 50Hz

## SMALL Size, BIG Performance

### Compact, Energy-Efficient, Maximum Water Removal

The Phoenix R200 50Hz is a compact, energy efficient LGR dehumidifier that removes over 55 liters per day (AHAM) while drawing only 3.7 amps of electricity. The R200 50Hz outperforms the larger competitive dehumidifiers by removing more water, providing larger grain depression and consuming less power. The proven LGR design is surrounded by a durable roto-molded high impact plastic to create a dehumidifier that is smaller and lighter than competitive units.

In addition to the performance benefits and tough compact size, the R200 50Hz has patented bypass technology, increased airflow, multiple ducting options, and a pleated media filter. The R200 50Hz is a member of the Phoenix line of LGR dehumidifiers; the most effective and versatile drying devices made.



Easy to use solid state control panel.



Telescoping handle retracts to make unit compact for transport and storage.



Xactimate Code:  
**WTRDHM>>**

Patented  
**BYPASS**  
TECHNOLOGY

### Features

- Removes over 55 liters per day at AHAM (26.7°C/60% RH)
- U.S. Patented bypass technology
- Draws only 3.7 amps and removes 2.8 liters/kw
- Small, 85cm x 51cm x 51cm
- Weighs 47 kg
- 442 m<sup>3</sup>/hr; faster drying and superior static pressure for ducting
- Multiple ducting options - 30cm intake, 25cm exhaust
- Solid state controls
- Telescoping handle
- Recessed 30cm Wheels
- Pleated 30cm x 30cm x 2.5cm MERV-11 media air filter
- Stacks easily reducing storage space
- Rugged roto-molded housing



MADISON, WISCONSIN

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## Phoenix R200 50Hz

### Specifications

<b>Part No.</b>	4028250
<b>Power</b>	3.7 amps, 230 VAC, Grounded
<b>Water Removal</b>	55 liters/day @ AHAM (26.7°C, 60%) 83 liters/day maximum @ saturation
<b>Blower</b>	442 m /hr without external ducting
<b>Refrigerant Charge</b>	.74 kg, R410a
<b>Operating Range</b>	1°C to 40°C
<b>Filters:</b>	30cm x 30cm x 2.5cm Pleated Media MERV-11
<b>Duct Options</b>	Intake – 30cm Flex-Duct Outlet – 25cm Lay-Flat
<b>Warranty</b>	Five years; 1st year 100% of Parts and Labor 2nd-5th year 100% of sealed refrigeration system parts.
<b>Dimensions</b>	<b>Width 51cm, Depth 51cm, Height 85cm</b>
<b>Weight</b>	47kg

### Extension Cords

4028264	IEC C13 to BS 1363 U.K. Plug
4028265	IEC C13 to AS 3112 Australian Plug
4028268	IEC C13 to CEE 7/7 European Plug

### Popular Accessories And Replacement Filters

4024750	Intake Flex Duct 30cm x 7.6m Metallize Polyester
4024935	Lay-Flat Duct 25cm Round x 76.2m Roll

**Patent 7,246,503**

Like every Phoenix, the R200 50Hz features effective air filtration with a pleated media MERV-11 filter. Multiple ducting options are available with 30cm intake duct tabs on the lid and a wire duct collar for 25cm lay-flat duct.

The outlet grill is configured to accept a variety of thermo-hygrometer probes (e.g. Vaisala, Humiport, etc.) for taking accurate psychrometric readings. The universal power cord allows for any country specific extension cord to be attached. The 6m extension cord and 10m condensate hose store conveniently inside the hinged lid.

The R200 50Hz marks Phoenix Restoration Equipment's second entry into the manufacturing of roto-mold LGR dehumidifiers proving our commitment to technology, performance and durability.



Convenient storage for power cord and drain hose.



Units stack upon themselves for easy storage and transport.

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**BYPASS**  
TECHNOLOGY