Maximum Water Removal on a 15 Amp Circuit

Our years of experience in refrigeration technology are reflected in the design of the Phoenix 300. Thanks to the manageable size and weight, the unit offers portability combined with performance.

The Proven Performance of a Phoenix

The Phoenix 300 Dehumidifier is designed to maximize the water removal capacity from a single 110-V, 15-amp circuit.

The multiple ducting options on the Phoenix 300 allows for ducting both the intake air and the filtered and dehumidified supply air. This makes it possible to easily combine the Phoenix 300 with a HEPA air scrubber, air conditioner or desiccant dehumidifier.

Like all Phoenix units, the Phoenix 300 features a stainless steel cabinet, internal pump with 30 feet of hose, and a five-year refrigeration warranty.

Phoenix dehumidifiers feature significant air filtration. Even the standard 57% MERV-8 filters remove over 90% of airborne particles. This filtration dramatically improves the air quality in the areas being dried and assures continued optimal performance of the refrigeration system.

Integrated cord and drain hose management

Easy access controls, integrated filtration and stainless steel construction

Features

- **High capacity** – 176 pints/day @ AHAM 38 gals/day maximum

- **High energy efficiency** – Plugs into a grounded 115-V outlet

- **Pleated media filter** – Built-in air filter reduces dust and mold

- **Twist-on duct collar** – Direct the drying power where you need it

- **Optional high-efficiency filter** – Removes 95% of one-micron particles

- **Reservoir pump system** – Strong and dependable, 20 ft of lift

- **Pump purge switch** – Drains reservoir, no spills or drips

- **Pump fail warning light and cut-off** – Prevents reservoir overflow

- **Lighted power switch** – Check machine status at a glance

- **Digital hour meter** – Easy-to-read for more accurate billing

- **30-ft power cord** – No need for extension cords

- **30-ft drain hose** – Pump condensate to sinks or drains

Specifications

Part No.	4022599
Power	12 amps, 115 Vac, Grounded
Water Removal	176 pints/day @ AHAM 80°F, 60% RH 304 pints/day maximum @ 90°F, 90% RH
Blower	540 CFM
Drain Hose	30' Vinyl
Condensate Pump	Internal, w/20' Lift
Operating Temp Range	33°F to 110°F
Warranty	Five Years; First year 100% of Parts and Labor Second-fifth year 100% of Parts of Sealed Refrigeration System

Dimensions

	Cabinet	Overall	Shipping
Width	24"	29"	30"
Height	45"	46"	54"
Depth	20"	25"	28"
Weight		175 lb	210 lb

Popular Accessories And Replacement Filters

4024935	10" x 250' Lay-flat Duct
4022614	20" x 20" x 4" Pleated Media 30% MERV-6
4022624	20" x 20" x 4" Pleated Media 95% MERV-14
4022611	10" Twist-On Collar

Built-in pleated media filter reduces dust and mold

Optional high-efficiency filter removes 95% of one-micron particles

FILTER

46"

29"

25"

300	**304** Pints (38 gal)	
200		**232** Pints (29 gal)
100	90°F 90% RH	80°F 80% RH

176 Pints (22 gal)

80°F 60% RH
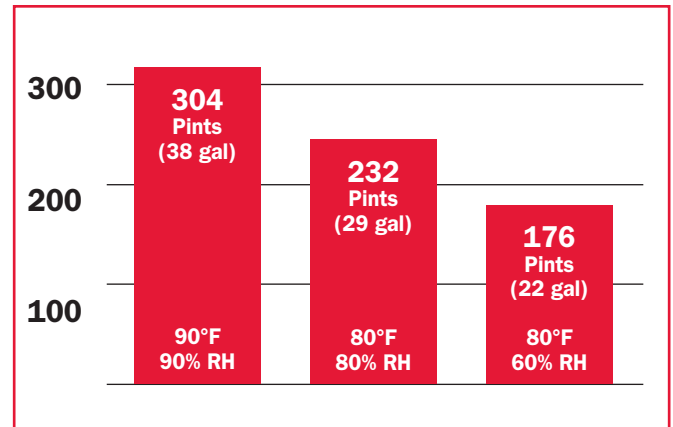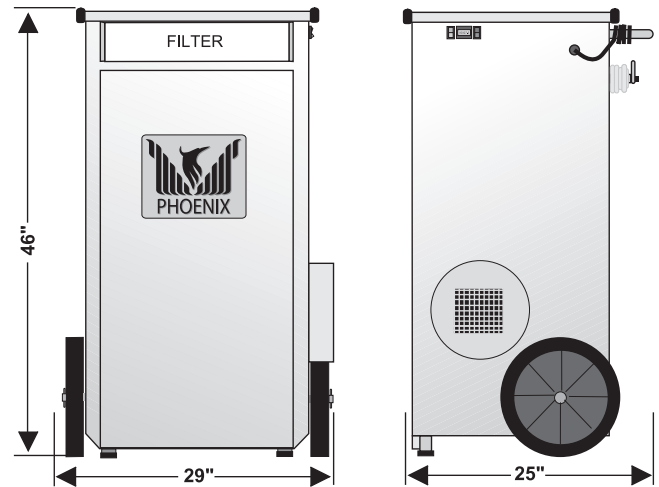
This chart shows the Phoenix 300 water removal rate at different temperatures and relative humidities.

Phoenix dehumidifiers, with their superior design, achieve more water removal per kilowatt hour of electricity than any other dehumidifier on the market.