



# PHOENIX

HIGH-CAPACITY DEHUMIDIFIERS

## THE HIGHEST CAPACITIES...

Phoenix dehumidifiers remove more water. The **Phoenix 200** removes up to **28 gallons per day**. That is four gallons more than competitive "200" models. The **Phoenix 300** removes up to **38 gallons per day**. No other 115 volt "plug-in" dehumidifier comes close. At lower temperatures, the Phoenix 300 removes over two times more water than some "200" models.

## THE HIGHEST EFFICIENCY...

Phoenix dehumidifiers use less electricity. The Phoenix 200 out performs competitive models while drawing nearly half the power. That means blowing fewer circuits while increasing your drying capacity and operating more air movers. The Phoenix 300 plugs into a 115 volt outlet but rivals the performance of units requiring special 220 volt circuits.

## THE MOST DRYING POWER...

Phoenix dehumidifiers produce lower relative humidity levels than other refrigerant dehumidifiers. A Phoenix 200 will supply air with a relative humidity as low as 10 percent, and the Phoenix 300 as low as 15 percent. Phoenix dehumidifiers continue to dry-down a structure long after other refrigerant dehumidifiers have reached their limit, eliminating the need for expensive desiccant equipment to finish the job.

## THE PHOENIX FILTERS...

Phoenix dehumidifiers continually filter the air while dehumidifying. The standard pleated media filter removes 98 percent of 7 micron particles (the size of a human red blood cell) and 35 percent of 1 micron particles (a human hair is about 100 microns in diameter). The range covers most bioaerosols, including mold spores and bacteria. Air filtration keeps the internal workings of the Phoenix clean and efficient while providing a healthier environment for your workers and the building's occupants. The optional 95 percent efficient filter available for the Phoenix 300 converts it into a deep-dehumidifying, high-efficiency air scrubber that provides the air quality found in surgical suites.



### PHOENIX FILTERS

<b>Phoenix 200</b>	2" Pleated Media - 16" x 16"
Standard	30% ASHRAE Atmospheric Dust Spot

<b>Phoenix 300</b>	4" Pleated Media - 20" x 20"
Standard	30% ASHRAE Atmospheric Dust Spot
Optional	95% ASHRAE Atmospheric Dust Spot





## THE MOST FEATURES...

Before the first Phoenix dehumidifier was designed, Therma-Stor Products interviewed restoration professionals and engineered their ideas into the product. Phoenix dehumidifiers are built with stainless steel cabinets, shock absorbing axles, and reservoir pump systems that have 20 feet of lift and purge switches. Air flow through the unit is provided by a centrifugal blower assembly designed for 60,000 hours of operation. Twist-on duct collars allow ducted operation to focus the drying power where it is needed.

## THE BEST WARRANTY...

All Phoenix dehumidifiers are covered by a five-year limited warranty. The first year covers 100 percent of all parts, labor, and related freight charges. The second through fifth covers 100 percent of the parts of the sealed refrigeration system, the heart of the dehumidifier. That means if the compressor fails on a four-and-a-half year old Phoenix, the replacement compressor is free. But don't bet on ever taking advantage of this great warranty because very few Phoenix dehumidifier owners report any warranty claims.

## THE BEST VALUE...

When you put it all together — the highest capacities, combined with the best efficiency, air filtration, the most features, and the best warranty — Phoenix dehumidifiers are far and away the biggest value.

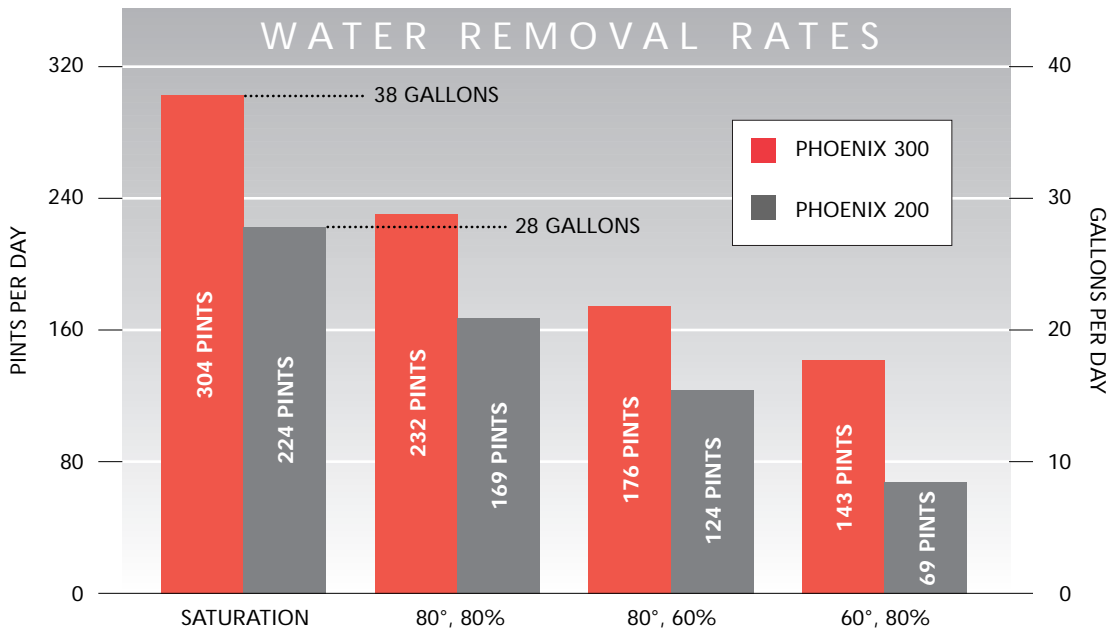


*Twist-on stainless steel duct collar  
and 4 mil polyvinyl lay-flat disposable duct*



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HIGH-CAPACITY  
DEHUMIDIFIERS

## PHOENIX 200 SPECIFICATIONS

	Cabinet	Overall	Shipping
Width	20"	24"	30"
Height	41"	41"	45"
Depth	17"	20"	24"
Weight		134 LBS.	175 LBS.
Power	115 vac 7.2 Amps (80°, 60%)		
Blower	250 CFM		
Filter	2" pleated 16" x 16"		
Capacity	124 pints (24 hrs. 80°, 60%)		
Max	224 pints (24 hours 100°, 90%)		
Temp. Range	33° - 110°F		
Warranty	5 Year; 1 year parts and labor 2-5 Years refrigeration parts		

## PHOENIX 300 SPECIFICATIONS

	Cabinet	Overall	Shipping
Width	24"	29"	30"
Height	45"	46"	54"
Depth	20"	25"	28"
Weight		175 LBS.	210 LBS.
Power	115 vac 12 Amps (80°, 60%)		
Blower	540 CFM		
Filter	4" pleated 20" x 20"		
Capacity	176 pints (24 hrs. 80°, 60%)		
Max	304 pints (24 hours 90°, 90%)		
Temp. Range	33° - 110°F		
Warranty	5 Year; 1 year parts and labor 2-5 Years refrigeration parts		

Phoenix Lay-Flat Duct      10" x 500' roll, 4 mil clear polyvinyl

**Therma-Stor Products** is a division of DEC International based in Madison, Wisconsin. Incorporated in 1947 as Dairy Equipment Company, DEC currently contains 17 operating units located in seven countries, manufacturing 43 different product lines with sales of \$142 million in 1996.

**Therma-Stor Products** was established to apply heat transfer innovations to residential and commercial markets. Dehumidifiers, heat recovery systems, heat pump water heaters, and ventilation systems comprise Therma-Stor's primary products.



**Therma-Stor Products** a division of DEC International, Inc.

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