

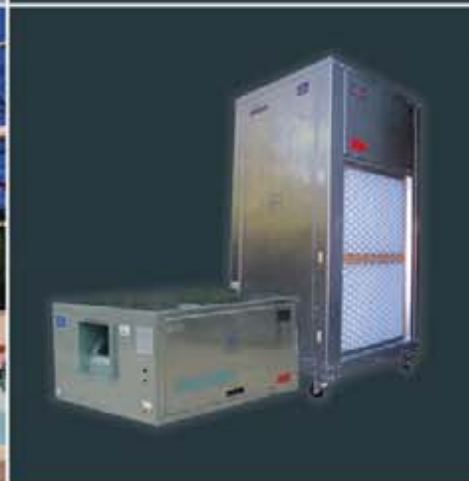
The BKPool™ Series

*The World's Most Energy Efficient
Indoor Dehumidifiers/Air Conditioners*



The BKPool™ Series

INDOOR POOL RESIDENTIAL & COMMERCIAL DEHUMIDIFIERS



The BKPool™ Series from Heat Pipe Technology, Inc. offers unparalleled dehumidification for indoor pool areas. With our advanced HPT design, incorporating heat pipes, the BKPool™ will not only provide a dryer, healthier pool environment, but will also save on energy bills and prevent damage to property.



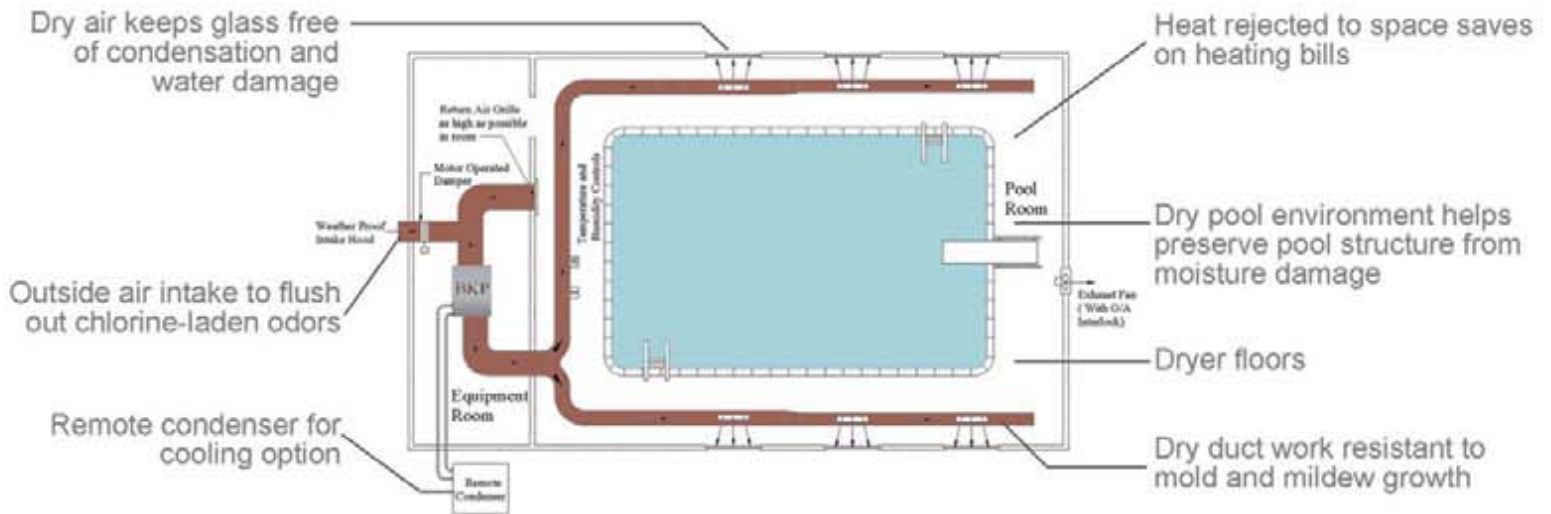
The NEW TECHNOLOGY from Heat Pipe Technology, INC. (HPT)

Founded in 1983, HPT's advances in lowering the manufacturing cost of heat pipes have opened up a wide variety of applications. For instance, applying heat pipes to control humidity in wet environments such as pool enclosures has proven to be more cost effective than any other known method. For his research and development work on heat pipes, HPT founder and inventor Khanh Dinh received numerous government awards including the prestigious induction into NASA's Hall of Fame. Since then, our heat pipes have been installed in thousands of facilities all around the world.



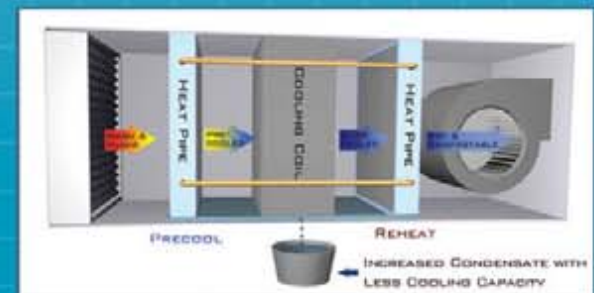
The Damaging Effects of High Humidity

Indoor pool spaces become humid and unhealthy without the aid of dehumidification. The excessive moisture in the air causes the growth of bacteria, mold and mildew that could trigger allergies and cause a multitude of health problems. Additionally, high humidity can cause condensation and property damage by harming the structures in the building walls as well as decreasing the capacity of insulation. Also, condensation on glass surfaces can be an unwelcome and unattractive problem. BKPool™ dehumidifiers eliminate these adverse effects of high humidity.



Heat Pipe Dehumidification Principle

HPT heat pipes wrap around the cooling coil and passively pre-cool the incoming air. After cooling and dehumidification, the air is then passively reheated to a lower relative humidity. The heat pipe assisted system results in air with a significantly lower moisture content and lower relative humidity as compared to a non-assisted system while requiring no extra energy or maintenance.



The BKPool™ Series

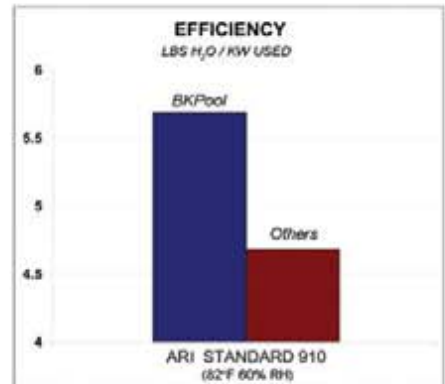
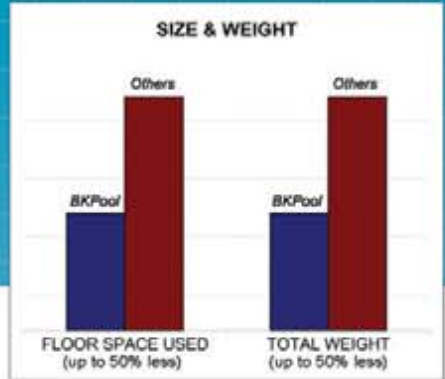
Dehumidifier/AC for Indoor Swimming Pools

Maximum Comfort All Year Round

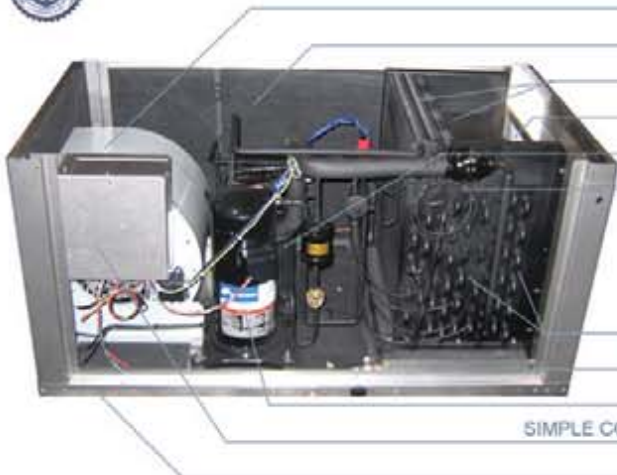
The BKPool™ from HPT drastically reduces humidity creating a comfortable and moisture-free indoor pool space. Chlorine laden odors are diminished and the floors kept dryer providing a safer environment. Mold and mildew are virtually eliminated, providing a better and healthier living space.

Lower Energy Consumption

The significant advantage of heat pipe technology in indoor pool applications is its superior ability to achieve comparable dehumidification results using a smaller compressor. As a result, heat pipe-assisted pool dehumidifiers use at least 20% less energy than systems with similar dehumidification capacity. Over the life of the dehumidifier, this amounts to considerable savings.



ARL Listed



- DIRECT DRIVE HEAVY DUTY BLOWER
- FULLY LINED MOLD RESISTANT INSULATION
- CORROSION PROTECTION
- HIGH EFFICIENCY 2" PLEATED FILTERS
- THERMOSTATIC EXPANSION VALVE
- FILTER DRYER

← 25% FRESH AIR CAPABLE

- INTEGRAL DEHUMIDIFIER HEAT PIPE
- STAINLESS STEEL SLOPED CONDENSATE DRAIN
- HIGH EFFICIENCY "SCROLL" COMPRESSOR
- SIMPLE CONTROLS IN A FULLY ENCLOSED ELECTRICAL BOX
- 100% STAINLESS STEEL CABINET



Model 300
Model 500

Model 800
Model 1100

OPTIONAL FEATURES



AIR COOLING REMOTE CONDENSER

This option allows the unit to operate in the dehumidifying mode or cooling mode as desired

Specifications

The BKPool™ Series

Model	300	500	800	1100
Capacity (lbs per day) at 82F & 60% RH	286	503	844	1096
Air flow (CFM)	700	1200	1500	1900
MAX. Cooling Capacity (BTU/h) AC Models Only	24,000	42,000	60,000	92,000
Dimensions				
(WxHxD)(in.)	45x22x24	45x22x34	34x70x28	34x70x33
Shipping Weight (lbs)	350	490	840	952
Filter size (HxWxD)(in.)	20x18x2	16x16x2 (2)	20x20x2 (2)	20x25x2 (2)
Air Outlet (WxH) (in.)	11 7/8 x 10 1/4	12 1/4 x 13 7/16	12 1/4 x 13 7/16	15 5/8 x 13 5/8
Air Inlet (WxH) (in.)	20x19	27x19	20x40	25x40
Electrical**				
Voltage/Phase (60Hz)	208-230/1	208-230/1	208-230/1	208-230/3
Max Fuse (AMP.)	30	40	70	70
Minimum Circuit Ampacity	20A	26A	47A	47A
Compressor (type)	Scroll	Scroll	Scroll	Scroll
Compressor (LRA)	63	109	148	195
Blower Motor (HP)	1/4	1/2	1	1
Condensate pump	Option / External	Option / External	Option / External	Option / External
Outdoor Unit				
	300-AC	500-AC	800-AC	1100-AC
Dimensions (WxHxD)(in.)	24x25x20	24x25x30	47.5x37x24	47.5x37x24
Shipping Weight (lbs)	91	133	182	210
Line size	1/2 / 3/8	1/2 / 3/8	5/8 / 1/2	3/4 / 5/8
Electrical**				
Voltage/phase	208-230/1	208-230/1	208-230/1	208-230/1
Fan Motor (HP)	1/4	1/4	3/4	3/4
Maximum Fuse (Amp)	20	20	20	20
Minimum Circuit Ampacity	2A	2A	6A	6A

** Contact Factory for
Other Voltage Options



 **Heat Pipe
Technology, Inc.**

ADVANCING THE SCIENCE OF DEHUMIDIFICATION

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Your Authorized Representative: