

Commercial Applications

BKPool 500-AC

Advanced Heat Pipe Dehumidifier / Air Conditioner



With
Remote
Condenser

Standard Features

- * Integral dehumidifier heat pipe (Patent 5,845,702 and others)
- * 100% stainless steel cabinet
- * High efficiency “scroll” compressor
- * Proprietary chemical grafting corrosion protection
- * 25% fresh air capable
- * Stainless steel condensate drain pan
- * Fully enclosed electrical box
- * Fully lined mold resistant insulation
- * Direct drive heavy duty blower
- * Oversized receiver / accumulator
- * Oversized filter dryer
- * 2” extended surface pleated filters

- * **Provides dry, dehumidified warm or cool air for total comfort**



**Heat Pipe
Technology, Inc.**

“A World of Difference.”

Performance Table - BKPool 500-AC

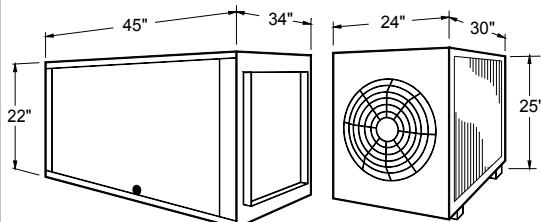
Inlet Air	POUNDS PER DAY	INLET RELATIVE HUMIDITY						100%
		40%	50%	60%	70%	80%	90%	
Temp		•••	•••	•••	•••	•••	•••	338
55°F		•••	•••	•••	266	338	397	435
60°F		•••	203	280	343	435	484	542
65°F		145	261	353	421	512	580	633
70°F		203	319	421	498	580	653	•••
75°F		266	377	484	570	•••	•••	•••
80°F		319	411	532	•••	•••	•••	•••
85°F		363	•••	•••	•••	•••	•••	•••
90°F								

••• Contact factory.

Performance data may vary with conditions at each installation and is provided only as a guide for selecting the correct dehumidifier.

Specifications

BKPool 500-AC



With Remote Condenser

Model BKPool 500-AC	Indoor	Outdoor
Dimensions (WxHxD) (in.)	45 x 22 x 34	24 x 25 x 30
Net Weight (lbs)	290	95
Air Flow (cfm)	1,200	1,800
Refrigerant	R-22	R-22
Condensate Pump	Optional	
Drain Connection Size	3/4" NPT	
Heat Added to Space ¹ (Btu/hr)	12,000	
Sensible Capacity ² (Btu/hr) at 80°F/60%RH	19,000	
Fan Size (in.)	10 x 8	18
Ext. Static Pressure (in WG)	0.5	
Outlet Air (WxH) (in.)	10 1/2 x 11 3/8	
Inlet Air (WxH) (in.)	27 x 19	
	2) 16 x 16 x 2	
Vapor Line Size (in.)		1/2
Liquid Line Size (in.)		3/8
Max. Length (ft)		50
Electrical		
Power 60 Hz	208/230V/1 ph	208/230V/1 ph
Compressor RLA (A)	20.4	
Compressor LRA (A)	109	
Blower or Fan Motor (HP)	3/4	1/4
Max. Fuse or HACR Circuit Breaker (A)	45	
Min. Circuit Ampacity (A)	33	3
Normal operating power consumption (Kw)	3.5	0.3

* Shipped separate for installation by contractor.

¹ Use as dehumidifier.

² Use as A/C dehumidifier with remote condenser. Latent Capacity from table above. We reserve the right to make product improvements.



4340 NE 49th Ave., Gainesville, Florida 32609

Toll Free: 1-800-393-3464 ♦ Tel. (352) 367-0999 ♦ Fax: (352) 367-1688

Email: heatpipe@heatpipe.com ♦ www.heatpipe.com