

Commercial Applications

BKP 450-AC

Advanced Heat Pipe Dehumidifier



with
Remote Condenser

Standard Features

- * Dehumidifier heat pipe enhancement
- * Heavy duty painted sheet metal cabinet
- * Long life Copeland® scroll compressor
- * Time delay relay for compressor protection
- * Freeze protection
- * Remote dehumidistat control
- * Built-in filter dryer
- * Easy access for servicing
- * Squirrel cage high static/low noise blower
- * Duct flanges

Optional Feature

- * Condensate pump package



**Heat Pipe
Technology, Inc.**

"A World of Difference."

Performance Table - BKP 450-AC

Inlet Air Temp	POUNDS PER DAY	Inlet Relative Humidity						
		40%	50%	60%	70%	80%	90%	100%
55°F		•••	•••	•••	•••	•••	•••	308
60°F		•••	•••	•••	242	308	361	396
65°F		•••	185	255	312	396	440	493
70°F		132	238	321	383	466	528	576
75°F		185	290	383	453	528	594	•••
80°F		242	343	440	519	•••	•••	•••
85°F		290	374	484	•••	•••	•••	•••
90°F		330	•••	•••	•••	•••	•••	•••

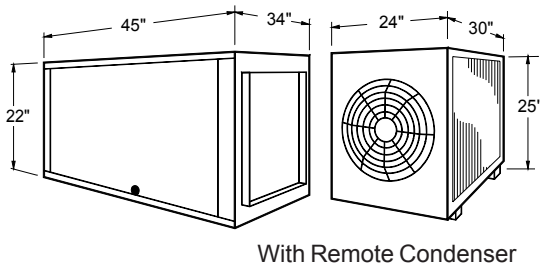
••• Contact factory.

 (double box) indicates standard A.H.A.M. rating conditions.

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

Specifications

BKP 450-AC



With Remote Condenser

Model BKP 450-AC	Indoor	Outdoor
Dimensions (WxHxD) (in.)	45 x 22 x 34	24 x 25 x 30
Net Weight (lbs)	290	95
Air Flow (CFM)	1,000	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	17,000	
Blower (Dia. x w) or Fan Size (in.)	10 x 8	18
Ext. Static Pressure (in. WG)	0.3	
Air Outlet (WxH) (in.)	10 1/2 x 11 3/8	
Air Inlet (WxH) (in.)	27 x 18	
Filter (in.)	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 / 1ph	208-230V / 1ph
Compressor RLA (Amp)	20.4	
Compressor LRA (Amp)	109	
Blower or Fan Motor (HP)	1/2	1/4
Max. Fuse or HACR Circuit Breaker (Amp)	50	
Min. Circuit Ampacity (Amp)	29	2
Full Load Power Consumption (kW)	4.4	0.35
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.



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