



Rheology Solutions

Rheology Solutions is the sole Australian distributor of this product range and we welcome the opportunity of discussing your application requirements.

*We hope the information you are seeking is contained within this file.
If you have any questions, or require further information please contact us.
We look forward to being of further service.*

Regards from the Team at Rheology Solutions.

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Thermo Scientific ARCTIC Series Refrigerated Bath Circulators

ARCTIC refrigerated circulators feature a stainless steel reservoir and are offered in a range of sizes, depths and openings to meet your application needs. With capacities from 5 L to 30 L, units offer recessed handles and drain port opening at the front for operator convenience. The advanced ventilation design allows two sides of the bath to be blocked (allowing placement in room corner) and still deliver full refrigeration perform-

ance without affecting the equipment. The ARCTIC refrigerated circulators offer tight control of cooling capacities. Built-in energy-saving features limit power consumption for efficient operation, and the thermostat can be indexed 90° on all sides of the bath.

Included: 6-ft. power cord
Lid is included with circulators and must be purchased separately with baths.

Typical applications:

- Calibration
- Bioreactors
- Rotary Evaporators
- Condensers
- Sample/Material Testing
- Sample/Material Preparation

Step 2

Now select your bath below.
To see all thermostat specifications, please refer to Page 3

Model		A5B refrigerated bath	A10B refrigerated bath	A24B refrigerated bath
Temp range	SC100 thermostat	-5 to 100°C	-10 to 100°C	-24 to 100°C
Dimensions (HxWxL)		470 x 419 x 738	470 x 419 x 913	520 x 514 x 426
Temp range	SC150 thermostat	-5 to 150°C	-10 to 150°C	-24 to 150°C
Dimensions (HxWxL)		470 x 419 x 738	470 x 419 x 913	558 x 514 x 426
Temp range	SC150L thermostat	—	—	-25 to 150°C
Dimensions (HxWxL)		—	—	573 x 765 x 610
Temp range	AC150 thermostat	-5 to 150°C	-10 to 150°C	-25 to 150°C
Dimensions (HxWxL)		503 x 419 x 738	503 x 419 x 913	606 x 765 x 610
Temp range	AC200 thermostat	-5 to 200°C	-10 to 200°C	-25 to 200°C
Dimensions (HxWxL)		503 x 419 x 738	503 x 419 x 913	606 x 765 x 610
Cooling capacity at 20°C 230V/115V		200W	250W	700W
Bath capacity (liters)*		6-15	18-30	16-26
Reservoir dimensions (DxWxL) mm		201 x 297 x 190	201 x 297 x 364	203 x 300 x 504
Net weight (kg)		34.6	38.6	52.5

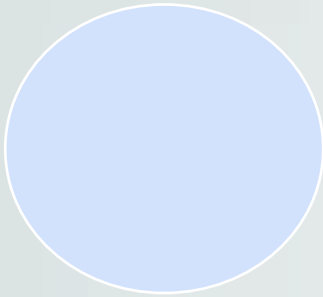
Ordering information: Find the part number by matching the thermostat to the bath size and voltage you need

Model		A5B refrigerated bath			A10B refrigerated bath			A24B refrigerated bath		
Voltages		115V/60Hz ^{1,2}	230V/50Hz ¹	100V/50-60Hz ¹	115V/60Hz ^{1,2}	230V/50Hz ¹	100V/50-60Hz ¹	208V/60Hz	230V/50Hz ¹	200V/50-60Hz ¹
SC 100 thermostat	Order no.	152-4058	152-4051	152-4056	152-4108	152-4101	152-4106	152-4249	152-4241	152-4247
SC 150 thermostat	Order no.	153-4058	153-4051	153-4056	153-4108	153-4101	153-4106	153-4249	153-4241	153-4247
SC 150L thermostat	Order no.	—	—	—	—	—	—	155-4249	154-4241	154-4247
AC 150 thermostat	Order no.	155-4058	155-4051	155-4056	155-4108	155-4101	155-4106	154-4249	155-4241	155-4247
AC 200 thermostat	Order no.	156-4058	156-4051	156-4056	156-4108	156-4101	156-4106	156-4249	156-4241	156-4247

*Bath volume varies depending on the fluid used, temperature range, and items inserted into the reservoir.

Certification: ¹ CE ² cULus ³ cRUus

Visit <http://www.ul.com/global/eng/pages/> to view the UL listings for Thermo Fisher Scientific. Reference file #E164214 for these products.



The 3 side-ventilation means the unit can be blocked on two sides allowing flexibility when placing in your work area.

SC 100-A10 refrigerated circulator

Step 2

Now select your bath below.
To see all thermostat specifications, please refer to Page 3

Model		A25B refrigerated bath	A40B refrigerated bath
Temp range	SC100	-25 to 100°C	—
Dimensions (HxWxL)	thermostat	739 x 324 x 541	—
Temp range	SC150	-25 to 150°C	-28 to 150°C
Dimensions (HxWxL)	thermostat	739 x 324 x 541	810 x 415 x 550
Temp range	SC150L	—	-28 to 150°C
Dimensions (HxWxL)	thermostat	—	810 x 415 x 550
Temp range	AC150	-25 to 150°C	—
Dimensions (HxWxL)	thermostat	772 x 324 x 541	—
Temp range	AC200	-25 to 200°C	-40 to 200°C
Dimensions (HxWxL)	thermostat	772 x 324 x 541	850 x 415 x 550
Cooling capacity at 20°C 230V/115V		500W	900W
Bath capacity (liters)*		28	10-13
Reservoir dimensions (DxWxL) mm		233 x 223 x 240	200 x 285 x 200
Net weight (kg)		38.1	53

Ordering information: Find the part number by matching the thermostat to the bath size and voltage you need							
Model		A25B refrigerated bath			A40B refrigerated bath		
Voltages		115V/60Hz ^{1,2}	230V/50Hz ¹	100V/50-60Hz ¹	208V/60Hz ^{1,2}	230V/50Hz ¹	200V/50-60Hz ¹
SC100 thermostat	Order no.	152-4258	152-4251	152-4256	—	—	—
SC150 thermostat	Order no.	153-4258	153-4251	153-4256	153-4409	153-4401	153-4407
SC150L thermostat	Order no.	—	—	—	154-4409	154-4401	154-4407
AC150 thermostat	Order no.	155-4258	155-4251	155-4256	—	—	—
AC200 thermostat	Order no.	156-4258	156-4251	156-4256	156-4409	156-4401	156-4407

*Bath volume varies depending on the fluid used, temperature range, and items inserted into the reservoir.

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Now select your bath below.
To see all thermostat specifications, please refer to page 3

Model		A10 refrigerated circulator	A25 refrigerated circulator
Temp range	SC100	-10 to 100°C	-25 to 100°C
Dimensions (HxWxL)	thermostat	606 x 220 x 414	710 x 273 x 483
Temp range	SC150	-10 to 150°C	-25 to 150°C
Dimensions (HxWxL)	thermostat	606 x 220 x 414	710 x 273 x 483
Temp range	SC150L	—	-25 to 150°C
Dimensions (HxWxL)	thermostat	—	710 x 273 x 483
Temp range	AC150	-10 to 150°C	-25 to 150°C
Dimensions (HxWxL)	thermostat	639 x 220 x 414	743 x 273 x 483
Temp range	AC200	-10 to 200°C	-25 to 200°C
Dimensions (HxWxL)	thermostat	639 x 220 x 414	743 x 273 x 483
Cooling capacity at 20°C 230V/115V		240W	500W
Bath capacity (liters)*		5	7-12
Reservoir dimensions (DxWxL) mm		152 x 140 x 305	205 x 176 x 374
Net weight (kg)		28.8	34.1

Ordering information: Find the part number by matching the thermostat to the bath size and voltage you need

Model		A10 refrigerated circulator			A25 refrigerated circulator		
Voltages		115V/60Hz ^{1,2}	230V/50Hz ¹	100V/50-60Hz ¹	115V/60Hz ^{1,2}	230V/50Hz ¹	100V/50-60Hz ¹
SC100 thermostat	Order no.	152-5108	152-5101	152-5106	152-5258	152-5251	152-5256
SC150 thermostat	Order no.	153-5108	153-5101	153-5106	153-5258	153-5251	153-5256
SC150L thermostat	Order no.	—	—	—	154-5258	154-5251	154-5256
AC150 thermostat	Order no.	155-5108	155-5101	155-5106	155-5258	155-5251	155-5256
AC200 thermostat	Order no.	156-5108	156-5101	155-5106	156-5258	156-5251	156-5256

Model		A28 refrigerated circulator	A28F refrigerated circulator	A40 refrigerated circulator
Temp range	SC100	-28 to 100°C	-28 to 100°C	—
Dimensions (HxWxL)	thermostat	710 x 273 x 483	519 x 514 x 426	—
Temp range	SC150	-28 to 150°C	-28 to 150°C	-28 to 150°C
Dimensions (HxWxL)	thermostat	710 x 273 x 483	519 x 514 x 426	748 x 385 x 519
Temp range	SC150L	-28 to 150°C	-28 to 150°C	-28 to 150°C
Dimensions (HxWxL)	thermostat	710 x 273 x 483	519 x 514 x 426	748 x 385 x 519
Temp range	AC150	-28 to 150°C	-28 to 150°C	-28 to 150°C
Dimensions (HxWxL)	thermostat	743 x 273 x 483	552 x 514 x 426	781 x 385 x 519
Temp range	AC200	-28 to 200°C	-28 to 200°C	-40 to 200°C
Dimensions (HxWxL)	thermostat	743 x 273 x 483	552 x 514 x 426	781 x 385 x 519
Cooling capacity at 20°C 230V/115V		320W	320W	800W
Bath capacity (liters)*		6-10	6-10	7-12
Reservoir dimensions (DxWxL) mm		205 x 176 x 320	205 x 176 x 320	205 x 176 x 374
Net weight (kg)		34.1	41.6	49.9

Ordering information: Find the part number by matching the thermostat to the bath size and voltage you need

Model		A28 refrigerated circulator			A28F refrigerated circulator			A40 refrigerated circulator		
Voltages		115V/60Hz ^{1,2}	230V/50Hz ¹	100V/50-60Hz ¹	115V/60Hz ^{1,2}	230V/50Hz ¹	100V/50-60Hz ¹	115V/60Hz ^{1,2}	230V/50Hz ¹	100V/50-60Hz ¹
SC100 thermostat	Order no.	152-5288	152-5281	152-5286	152-4288	152-4281	152-4286	—	—	—
SC150 thermostat	Order no.	153-5288	153-5281	153-5286	153-4288	153-4281	153-4286	153-5408	153-5401	153-5406
SC150L thermostat	Order no.	154-5288	154-5281	154-5286	154-4288	154-4281	154-4286	154-5408	154-5401	154-5406
AC150 thermostat	Order no.	155-5288	155-5281	155-5286	155-4288	155-4281	155-4286	155-5408	155-5401	155-5406
AC200 thermostat	Order no.	156-5288	156-5281	156-5286	156-4288	156-4281	156-4286	156-5408	156-5401	156-5406

*Bath volume varies depending on the fluid used, temperature range, and items inserted into the reservoir.

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