VWR®
We Enable Science

VWR® Temperature Control Equipment

- Circulating Baths
- Specialty Baths
- General Purpose Water Baths
- Chillers

CONTENTS

VWR Circulating Bath Features

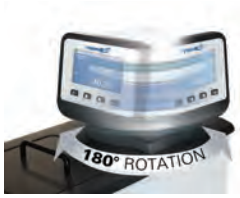
Precise and reliable, with sleek lines and large, intuitive digital displays, VWR Circulating Baths are exceptionally hard-working and easy to operate and maintain.

Intuitive touch-screen operation

The icon-driven SmartTouch interface leads you through menus, functions and options, enabling you to make any adjustments from the most basic to the most sophisticated, even with your gloves on.

Swivel 180™

The patented Swivel 180™ Rotating Controller on VWR Circulating Baths lets you move the extra large temperature display independently from the bath, enabling you to clearly read the display from anywhere within a 180° viewing radius with the press of a button.



LidDock™

The lid stowing system gives the lid a convenient place to perch while you add liquid or work with samples, without interfering with controller viewing or operation. Condensation drains back into the reservoir as well, keeping your lab bench clean, dry and uncluttered.

DuraTop™

The precision-molded phenolic bath top remains cooler at high temperatures and resists laboratory chemicals. Plus, it's easily cleaned and disinfected.

Simplified setup and maintenance

Available on Refrigerated/Heated, Heat Only Circulating Baths and Polycarbonate Open Bath Systems, the front- or side-mounted drain makes it easy to remove liquid from the bath and clean it. The washable air filter helps you keep the circulator energy efficient and running at peak performance. DuraTop™, and all surfaces, are chemical resistant and easy to sanitize. Setup instructions are printed "behind the grille."

WhisperCool™

The patented WhisperCool® Environmental Control System, standard on most VWR Refrigerated/Heated Circulating Baths, reduces noise levels below conversational speech at a distance of two meters. In addition, the adaptive environmental technology optimizes performance, reducing overall energy consumption and prolonging equipment life.

VWR Controllers

It's important to choose the right controller to best fit your needs. That's why VWR provides three different controllers to choose from. The controllers range from the sophisticated Advanced Programmable down to the basic MX. Below are key specifications so you can decide which controller is right for you.

Controller Type	Advanced Programmable	Advanced Digital	MX
Performance			
Maximum Temperature	200°C	200°C	135°C
Temperature Stability	±0.01°C	±0.01°C	±0.07°C
Swivel 180™ Viewing Radius	Yes	Yes	No
Pump	Variable-Speed	Variable-Speed	1-Speed
Pressure Flow Rate (maximum) 60Hz/50Hz	20.1 LPM/16.7 LPM	20.1 LPM/16.7 LPM	12.8 LPM/10.6 LPM
Suction Flow Rate (maximum) 60Hz/50Hz	14.7 LPM/12.2 LPM	14.7 LPM/12.2 LPM	N/A
Closed-Loop Operation	Yes	Yes	Yes
Open-Loop Operation	Yes	Yes	No
Fluid Optimization/Specific Heat Tuning	Yes	Yes	No
Temperature Calibration Capability	5-point	1-point	1-point
Remote Temperature Control Capability	Yes	Yes	No
WhisperCool Environmental Control System	Yes	Yes	No
Inert Gas Reservoir Purge	Yes	Yes	No
Operation			
Display Type & Size	SmartTouch™ Color LCD, 4.3 inches	LCD Touch-Pad, 3.75 inches	LCD, 3.25 inches
Enhanced Data Display Capability	7 selectable views	Message bar	N/A
Multi-Language Menus or Prompts	6 languages	4 languages	Icon/English
Displays Temperature Trends	Yes	No	No
Time/Temperature Programs & Steps	Ten 100-step programs	No	No
Date & Time with Calendar Start/Stop	Yes	No	No
Timer	Yes	Yes	No
On-Screen Help or Prompts	Yes	Yes	No
RS232/RS485 Serial Output	Yes	Yes	No
USB A and USB B	Yes	Yes	No
Ethernet	Yes	Yes	No
Safety & Process Protection			
Safety Class (DIN 12876-1)	III	III	I
Over-Temperature Protection	Yes	Yes	Yes
Failsafe Heater Control	Yes	Yes	Yes
High and Low Temperature Limits/Alarms	Yes	Yes	Yes
Low-Liquid-Level Safety	Yes	Yes	Yes
Alarm and Fault Indicators	Message	Message	Icon

Note: Not all controllers are available on every product. View specific product pages to see which controllers are available.

Refrigerated/Heated Circulating Baths

	Cat. No. (model 120VAC/60Hz)			Maximum Temperature[1]	Minimum Temperature[2]	Cooling Capacity	Working Access (L x W x D)	Drain
	Advanced Programmable	Advanced Digital	MX					
7 liters	**89202-974**	**89202-970**	**89202-966***	200°C*	-20°C	200 watts	6.18 x 5.59 x 5 in 15.7 x 14.2 x 12.7 cm	Yes
	89202-982	**89202-978**	-----	200°C*	-40°C	505 watts		Yes
7 liters, low-profile	-----	**89202-962**	**89202-958***	200°C*	-20°C	200 watts		Yes
15 liters	**89202-990**	**89202-986**	-----	200°C	-30°C	915 watts	8.35 x 10.88 x 5.5 in 21.2 x 27.6 x 14 cm	Yes
	89202-998	**89202-994**	-----	200°C	-40°C	1000 watts		Yes
20 liters	**89203-006**	**89203-002**	-----	200°C	-30°C	915 watts	9.85 x 12.45 x 5.5 in 25 x 31.6 x 14 cm	Yes
28 liters	**89203-014**	**89203-010**	-----	200°C	-30°C	915 watts	12.35 x 14.13 x 5.5 in 31.4 x 35.9 x 14 cm	Yes
45 liters**	**89203-022**	**89203-018**	-----	135°C	-25°C	1400 watts	21.6 x 15.68 x 5.5 in 54.9 x 39.8 x 14 cm	Yes

1. Maximum temperature is controller dependent; see Circulator Controller Features.
2. Minimum temperature is shown with no external heat load.
* Maximum temperature for MX Controller is 135°C.
** 45 liter bath is 208-240VAC, 50/60Hz

Heated Circulating Baths

	Cat. No. (model 120VAC/60Hz)			Maximum Temperature[1]	Minimum Temperature[2]	Working Access (L x W x D)	Drain
	Advanced Programmable	Advanced Digital	MX				
7 liters	**89202-930**	**89202-926**	**89400-970**	200°C	Ambient +10°C	6.18 x 5.59 x 5 in 15.7 x 14.2 x 12.7 cm	Yes
15 liters	**89202-938**	**89202-934**	**89400-974**	200°C	Ambient +10°C	8.35 x 10.88 x 5.5 in 21.2 x 27.6 x 14 cm	Yes
20 liters	**89202-946**	**89202-942**	**89400-978**	200°C	Ambient +10°C	9.85 x 12.45 x 5.5 in 25 x 31.6 x 14 cm	Yes
28 liters	**89202-954**	**89202-950**	-----	200°C	Ambient +10°C	12.35 x 14.13 x 5.5 in 31.4 x 35.9 x 14 cm	Yes

1. Maximum temperature is controller dependent; see Circulator Controller Features.
2. Minimum temperature is shown with no external heat load.

Note: 240/50 units are available; inquire for catalog numbers.

Stainless Steel Heated Open Bath Systems

Cat. No. (120VAC/60Hz): 89202-918
Note: 240/50 units are available; inquire for catalog numbers.

The controller bridge rests securely on the deep drawn stainless steel reservoir, yet is easily removed for tank cleaning. The generous bath opening provides ready access to samples and included bath cover improves stability.

- Working temperatures from ambient +10°C up to 135°C
- MX Temperature Controller
- DuraTop™ Chemical Resistant Bridge
- Lidded opening for optional cooling coil (10, 20 and 28 liter models)
- Economical alternative to integrated heating baths
- External circulation capability
- Complies with DIN 12876-1 Class I safety requirements for use with non-flammable liquids
- Includes bath cover

Polycarbonate Heated Open Bath Systems

The transparent polycarbonate reservoir lets you keep samples in clear view. The elevated tank bottom provides secure handholds when lifting or relocating the bath and is stable on uneven surfaces. The controller bridge is easily removed for tank cleaning and rests securely on reservoir top edge when in use.

- Working temperatures from ambient +10°C up to 85°C
- MX Temperature Controller
- DuraTop™ chemical resistant bridge
- Lidded opening for optional cooling coil (17 and 28 liter models)
- Drain port (17 and 28 liter models)
- Complies with DIN 12876-1 Class I safety requirements for use with non-flammable liquids
- Includes bath cover

Cat. No. (120VAC/60Hz): 89202-898
Note: 240/50 units are available; inquire for catalog numbers.

	Cat. No. (model 120VAC/60Hz) MX	Maximum Temperature[1]	Minimum Temperature[2]	Tank Material	Working Access (L x W x D)	Drain
6 liters	**89202-910**	135°C	Ambient +10°C	Stainless Steel	3.9 x 4.3 x 6 in 10 x 11 x 15.2 cm	No
10 liters	**89202-914**	135°C	Ambient +10°C	Stainless Steel	3.9 x 10.1 x 6 in 9.9 x 25.5 x 15.2 cm	No
20 liters	**89202-918**	135°C	Ambient +10°C	Stainless Steel	10.4 x 9 x 6 in 26.4 x 22.8 x 15.2 cm	No
28 liters	**89400-982**	135°C	Ambient +10°C	Stainless Steel	10.1 x 8.4 x 8 in 25.7 x 21.4 x 20.3 cm	No
11 liters	**89202-890**	85°C	Ambient +10°C	Polycarbonate	8.3 x 6.1 x 8 in 21 x 15.6 x 20.3 cm	No
17 liters	**89202-894**	85°C	Ambient +10°C	Polycarbonate	4.1 x 12 x 8 in 10.5 x 30.5 x 20.3 cm	Yes
28 liters	**89202-898**	85°C	Ambient +10°C	Polycarbonate	12.4 x 12 x 8 in 31.5 x 30.5 x 20.3 cm	Yes

1. Maximum temperature is controller dependent for systems with stainless steel tanks; maximum temperature is dependent on tank material for systems with polycarbonate tanks.
2. Minimum temperature is shown with no external heat load.

Controller Type	MX
Performance	
Maximum Temperature	135°C
Temperature Stability	±0.07°C
Pump	1-Speed
Pressure Flow Rate (maximum) 60Hz/50Hz	12.8 LPM/10.6 LPM
Closed-Loop Operation	Yes
Temperature Calibration Capability	1-point
Operation	
Display Type & Size	LCD, 3.25 inches
Multi-Language Menus or Prompts	Icon/English
Safety & Process Protection	
Safety Class (DIN 12876-1)	I
Over-Temperature Protection	Yes
Failsafe Heater Control	Yes
High and Low Temperature Limits/Alarms	Yes
Low-Liquid-Level Safety	Yes
Alarm and Fault Indicators	Icon

Note: 240/50 units are available; inquire for catalog numbers.

Immersion Circulators

Create a circulating bath using your own vessel or a VWR open bath tank.

Controller Type	MX	LX
Performance		
Maximum Temperature	135°C	98°C
Temperature Stability	±0.07°C	±0.07°C
Heater	1100W	1100W
Pump	1-Speed	1-Speed
Adjustable Flow	Yes	No
Maximum Flow Rate gpm (l/min)	3.4 (12.8)	1.6 (6)
Maximum Pressure psi (bar)	1.8 (0.12)	0.72 (0.05)
Temperature Calibration Capability	1-point	1-point
Operation		
Display Type & Size	LCD, 3.25 inches	LCD, 3.2 inches
Multi-Language Menus or Prompts	Icon/English	Icon/English
Safety & Process Protection		
Safety Class (DIN 12876-1)	I	I
Over-Temperature Protection	Yes	Yes
Failsafe Heater Control	Yes	Yes
High and Low Temperature Limits/Alarms	Yes	No
Low-Liquid-Level Safety	Yes	Yes
Alarm and Fault Indicators	Icon	Icon
Built-in Timer	No	Yes
Cat. No. (120VAC/60Hz)	89202-886	89501-480

Note: 240/50 units are available; inquire for catalog numbers.

Cat. No. (120VAC/60Hz): 89202-886

Cat. No. (120VAC/60Hz): 89501-480

Immersion Circulators clamp securely to both straight and curved tank walls.

Convenient slide control on the MX Immersion Circulator allows you to easily adjust the flow rate.

Specialty Baths
Coliform Baths

VWR Coliform Baths are equipped with MX Controllers, large bath openings and are ideal for fecal coliform and E.coli testing.

This coliform bath can be set to 44.5°C as specified in the "Standard Test Methods for the Examination of Water and Wastewater" (19th edition) for APHA, AWWA, WEF and EPA fecal coliform determinations.

Cat. No. (120VAC/60Hz): 89202-922
Note: 240/50 units are available; inquire for catalog numbers.

Key Specifications

Temperature Range: Ambient +10°C to 135°C
Temperature Stability: ±0.07°C
Heater: 1100W (60Hz)
Working Access (L x W x D): 11.8 x 12.9 x 8.3 in
30 x 32.8 x 21.1 cm
Overall Dimensions (L x W x H): 13.9 x 21.5 x 18 in
35.3 x 54.6 x 45.7 cm

- 28 liter reservoir with hinged, see-through cover
- Large, easy to read display
- DuraTop™
- Calibration Capability

Viscosity Baths

Configured for use with popular capillary viscometers, VWR Viscosity Baths are available with the Standard Digital Controller and either 3 square or 5 round lidded openings.

- 29 liter reservoir
- Includes tap water cooling coil

Controller Type	Standard Digital
Performance	
Temperature Stability	±0.04°C
Pump	2-Speed
Pressure Flow Rate (maximum) 60Hz/50Hz	11 LPM/10.2 LPM
Temperature Calibration Capability	1-point
Safety & Process Protection	
Safety Class (DIN 12876-1)	I
Over-Temperature Protection	Yes
Failsafe Heater Control	Yes
High and Low Temperature Limits/Alarms	Yes
Low-Liquid-Level Safety	Yes
Alarm and Fault Indicators	Icon

Key Specifications

Working Temperature: up to 85°C
Heater: 1100W (60Hz)
Working Depth: 11.25 in / 28.6 cm
Overall Dimensions (L x W x H): 21.4 x 9 x 20.7 in
54.4 x 22.9 x 52.6 cm

pictured, 5 round holes:
Cat. No. (120VAC/60Hz): 89202-902
Also available, viscosity bath with 3 square holes:
Cat. No. (120VAC/60Hz): 89202-906

Note: 240/50 units are available; inquire for catalog numbers.

General Purpose Water Baths

VWR General Purpose Water Baths provide superior temperature control, range and uniformity. The large backlit LCD display displays set and actual temperature simultaneously.

The high clearance, hinged gable cover allows condensate to drain back into the bath and provides space for many different sizes of glassware. For example, the baths can easily contain 1L flasks (i.e. Erlenmeyer) and 1L bottles, while the 28L model can hold 2L flasks and bottles. The cover is also clear, allowing for increased visibility of the samples in the bath.

The 10, 20 and 28 liter models include a drain port for easy fluid changes. Recessed handles, located on the sides of each bath, make positioning or relocating the unit easy.

Cat. No. (120VAC/60Hz): 89501-472

Three user-defined, adjustable presets make selecting commonly used temperatures as simple as pressing a button.

The built-in timer alerts the user when samples are ready, eliminating the need for an additional, accessory timer.

- Clear high clearance hinged gable cover
- Backlit LCD display
- Three user-configured temperature presets for frequently used set points
- Built-in timer
- Built-in drain for 10, 20 and 28 liter models
- Recessed handles
- Calibration capability

Capacity	2 liter	5 liter	10 liter	20 liter	28 liter
Temperature Range			Ambient +5°C to 99°C		
Temperature Stability			±0.1°C		
Working Access (L x W x D)	3.9 x 4.3 x 5.5 in 9.9 x 10.9 x 14 cm	5 x 10.8 x 5.5 in 12.7 x 27.4 x 14 cm	10.6 x 11.6 x 5.5 in 26.9 x 29.5 x 14 cm	9.5 x 17 x 5 in 24.1 x 43.2 x 12.7 cm	9.5 x 17 x 7 in 24.1 x 43.2 x 17.8 cm
Overall Dimensions (L x W x H)	9 x 12 x 13.5 in 22.9 x 30.5 x 34.3 cm	14.5 x 12 x 13.5 in 36.8 x 30.5 x 34.3 cm	15.5 x 17 x 15.5 in 39.3 x 43.2 x 39.3 cm	22.5 x 17 x 15.5 in 57.2 x 43.2 x 39.3 cm	22.5 x 17 x 18 57.2 x 43.2 x 45.7 cm
Heater (60Hz & 50Hz)	120 W	360 W	1000 W	1400 W	1400 W
Drain	No	No	Yes	Yes	Yes
Cat. No. (120VAC/60Hz)	**89501-460**	**89501-464**	**89501-468**	**89501-472**	**89501-476**

Note: 240/50 units are available; inquire for catalog numbers.

VWR Benchtop Chillers
-20° to +50°C

VWR Benchtop Chillers are environmentally friendly, economical alternatives to tap-water cooling. The unique design of VWR Benchtop Chillers maximizes precious bench space without compromising cooling and pumping power.

Key Specifications

Working Temperature:	-20°C to +50°C
Temperature Stability:	±0.1°C
Cooling Capacity @ 20°C:	460W to 1290W

- Large, easy to read LED display
- Space-saving design
- Cooling at ambient temperatures as high as 35°C
- Low flow shutoff and alarm, high and low temperature alarms
- Simple setup, operation and maintenance
- Top-mounted fill port with spill protection cup prevents damage from spills when filling.
- Front-mounted easy-access air filter keeps the chiller running at peak efficiency.
- Choice of pumps
- Lighted fluid level indicator on front panel for easy reading.

MM Air Filter

Close-up of LS display

Typical applications include chromatography equipment, lasers, rotary evaporators and other sensitive laboratory equipment where temperature control is critical.

LS Features
- Optimized for high performance at low temperatures
- Capable of cooling multiple rotary evaporators
- WhisperCool™ Environmental Control System

LM Features
- Optimized for high performance at low temperatures
- Ideal for benchtop rotary evaporators

MM Features
- Precise and stable temperature control at low temperatures

	LS5 Space Saving Chiller			LM6 Mini Chiller		MM7 Mini Chiller	
	Centrifugal	Centrifugal	Turbine	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Working Fluid Temperature Range	-20 to 40°C -4 to 104°F			-10 to 30°C 14 to 86°F		-5 to 50°C 23 to 104°F	
Temperature Stability	±0.1°C/±0.2°F						
Cooling Capacity (watts)							
20°C	1160	1290	900	560	420	460	435
10°C	1030	1130	790	470	340	320	305
0°C	680	750	540	350	250	215	195
Maximum Pump Pressure	9 psi 0.6 bar	14.5 psi 1.0 bar	43.4 psi 3.0 bar	5.1 psi 0.35 bar	14.5 psi 1.0 bar	5.1 psi 0.4 bar	14.5 psi 1.0 bar
Maximum Pump Flow	14.8 lpm 3.9 gpm	13.2 lpm 3.5 gpm	9.8 lpm 2.6 gpm	7.9 lpm 2.1 gpm	13.2 lpm 3.5 gpm	7.9 lpm 2.1 gpm	13.2 lpm 3.5 gpm
Reservoir Capacity	2.65 L (0.7 gal)						
Overall Dimensions (L x W x H)	23.9 x 10 x 19 in 60.7 x 25.4 x 48.3 cm			20 x 10 x 17 in 50.8 x 25.4 x 43.2 cm			
Shipping Weight	102 lbs (46.3 kg)			76 lbs (34.5 kg)			
Cat. No. (model 120VAC/60Hz)	**97058-180**	**97058-184**	**97058-188**	**97058-192**	**97058-196**	**97058-200**	**97058-204**

Note: 240/50 units are available; inquire for catalog numbers.

VWR Refrigerated Recirculating Chillers 1/4HP - 1HP

VWR Refrigerated Recirculating Chillers' patented WhisperCool® technology automatically adjusts the cooling fan speed to match the demand put on the system, making these high performance Recirculating Chillers exceptionally quiet and environmentally friendly.

Typical applications include AA furnaces, condenser cooling, ICP, laser etching, plasma etching, reaction vessels, rotary evaporators and vacuum systems.

Key Specifications

Working Temperature: -10°C to +40°C
Temperature Stability: ±0.1°C
Cooling Capacity @ 20°C: up to 2900W

- Large, dual displays present temperature and pressure or flow rate simultaneously
- Cooling at ambient temperatures as high as 35°C
- Choice of pumps and compressor sizes
- User-adjustable temperature, pressure and flow rate alarms
- External temperature tracking and communications capability (optional)

Compressor HP		1/4 HP	1/3 HP	1/2 HP	3/4 HP	1 HP
Magnetic Drive Centrifugal Pump						
Maximum Pressure psi (bar)		10 (.69)	10 (.69)	10 (.69)	10 (.69)	10 (.69)
Maximum Flow gpm (l/min)		4.1 (15.5)	4.1 (15.5)	4.1 (15.5)	4.1 (15.5)	4.1 (15.5)
Cooling Capacity @ 20°C (Watts)		950	1430	1800	2350	2900
Cat. No.	120 VAC/60Hz	**13271-184**	**13271-192**	**13271-200**	-----	-----
	208-230 VAC/60Hz	-----	-----	-----	**13271-208**	**13271-216**
Positive Displacement Pump						
Maximum Pressure psi (bar)		100 (6.9)	100 (6.9)	100 (6.9)	100 (6.9)	100 (6.9)
Maximum Flow gpm (l/min)		1.0 (3.8)	1.0 (3.8)	1.0 (3.8)	3.5 (13.2)	3.5 (13.2)
Cooling Capacity @ 20°C (Watts)		850	1400	1700	2300	2900
Cat. No.	120 VAC/60Hz	**13271-188**	**13271-196**	**13271-204**	-----	-----
	208-230 VAC/60Hz	-----	-----	-----	**13271-212**	**13271-220**
Turbine Pump						
Maximum Pressure psi (bar)		100 (6.9)	100 (6.9)	100 (6.9)	100 (6.9)	100 (6.9)
Maximum Flow gpm (l/min)		3.5 (13.2)	3.5 (13.2)	3.5 (13.2)	3.5 (13.2)	3.5 (13.2)
Cooling Capacity @ 20°C (Watts)		850	1400	1700	2300	2900
Cat. No.	120 VAC/60Hz	**97044-090**	**97044-094**	**97044-098**	-----	-----
	208-230 VAC/60Hz	-----	-----	-----	**97044-102**	**97044-106**

1. Cooling Capacity is based on 20°C (68°F) ambient temperature and a 50/50 mix of ethylene glycol and distilled water as coolant.
Note: 240/50 units are available; inquire for catalog numbers.

Accessories

Circulator and Specialty Baths Accessories	
13L Stainless Steel Open Tank	**89200-986**
28L Stainless Steel Open Tank	**89200-988**
8L Polycarbonate Open Tank	**89200-990**
11L Polycarbonate Open Tank	**89200-992**
14L Polycarbonate Open Tank	**89200-994**
17L Polycarbonate Open Tank	**89200-996**
23L Polycarbonate Open Tank	**89200-998**
28L Polycarbonate Open Tank	**89201-000**
External Pt100 Probe, 6" with 10' length cable	**89201-004**
External Pt100 Probe 6" with 25' length cable	**89201-006**
External Pt100 Probe 6" with 50' length cable	**89201-008**
RS232 cable, 9'	**89201-010**
Ethernet cable, 9'	**89201-012**
USB-A to mini-B cable, 9'	**89201-016**

Circulator and Specialty Baths Accessories continued	
Test Tube Rack for water baths; stainless steel, holds 15 maximum, 10-13mm	**89201-044**
Test Tube Rack for water baths; stainless steel, holds 15 maximum, 14-18mm	**89201-046**
Test Tube Rack for water baths, stainless steel, holds 30 maximum, 10-13mm	**89201-048**
Test Tube Rack for water baths, stainless steel, holds 30 maximum, 14-18mm	**89201-050**
Test Tube Rack, polycarbonate, holds 24 maximum, 10-18mm	**89201-052**
Test Tube Rack, polycarbonate, holds 52 maximum, 10-18mm	**89201-054**
Buna N Tubing, 1/4" ID, -40° to 120°C, 3'	**89201-056**
Insulation for 1/4" ID tubing, 3'	**89201-062**
Tube clamps for 1/4" and 3/8" ID tubing, stainless steel	**89201-076**

Chiller Accessories	
Base with locking casters	**89200-794**
External Pressure Reducer (for PD or T pump chillers). Reduces chiller output to adjustable range of 10-45PSI	**89200-796**
External Bypass (for MD pump chillers)	**89200-798**
RS232 Retrofit kit	**89200-800**
Buna N Tubing, 1/2" ID, -40 to 120°C, 3'	**89200-802**
Tubing with Insulation, 1/2" ID, 6'	**89200-812**
Viton Tubing, 1/2" ID, -32 to 204°C, 3'	**89200-804**

Chiller Accessories continued	
Viton Tubing, 5/8" ID, -32 to 204°C, 3'	**89200-806**
Viton Tubing, 3/4" ID, -32 to 204°C, 3'	**89200-808**
Viton Tubing, 3/8" ID, -32 to 204°C, 3'	**89200-810**
Insulation for 1/2" ID tubing, 3'	**89200-812**
Tube Clamps for 1/2", 5/8", and 3/4" ID tubing, stainless steel	**89200-814**
Manifold Kit, 2 ports with shutoffs	**89200-828**
Manifold Kit, 4 ports with shutoffs	**89200-830**

Fluids	
polyclean ALGAECIDE, bottle, 8 oz.	**71002-500**
polyclean ALGAECIDE, case of 12 (8 oz. each)	**71002-502**
polycool EG -25 (ethylene glycol), 1 gal.	**71002-504**
polycool PG -20 (propylene glycol), 1 gal.	**71002-506**
polycool HC -50 (dynalene), 1 gal.	**13272-034**
polytherm S150, 1 gal.	**13270-794**
polytherm S250, 1 gal.	**13270-792**

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1214 5M Lit. No.93392