

 PolyScience®

Made in USA

Lab Equipment Line

Chiller & Water bath

Temperature control solutions



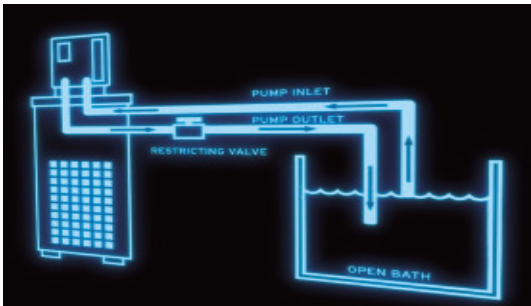
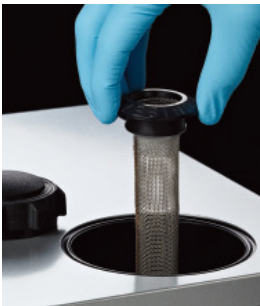
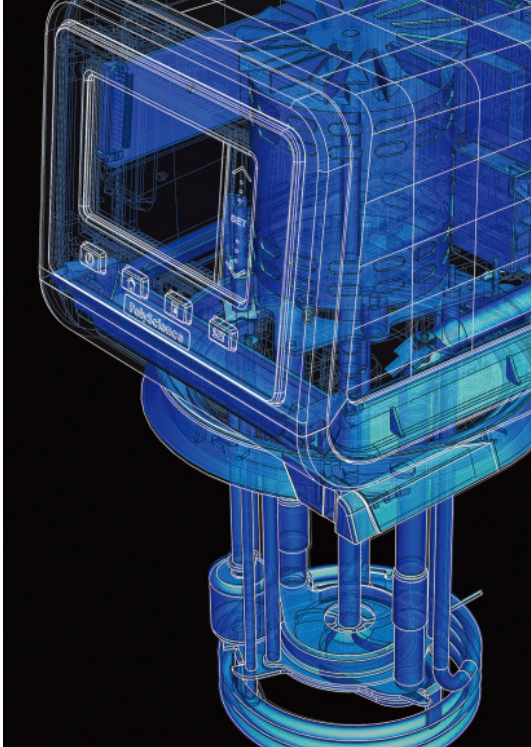
REVODIX
레보딕스(주)

One of the best lab partners you'll ever have



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Swivel 180™

간단한 버튼 조작으로 180도 회전하는 Controller Head / 다양한 각도에서 선명하게 볼 수 있음

Highly intuitive user interface

한국어 지원이 되며, 장비 컨트롤러의 사용자 편의성을 증대시켜 누구나 쉽게 조작이 가능

LidDock™

Circulator 상단에 뚜껑을 세워 놓을 수 있는 장치를 설치하여 편리성 증대
수조에 물을 채우거나 뚜껑을 열어서 내부 조작을 확인할 때 뚜껑에 있는 물이 떨어지는 불편함과 더러움 해결

WhisperCool™

위스퍼쿨 기술을 컨트롤시스템에 적용하여 조용하며 에너지 소비량을 감소시킴



Cool Command™ technology

가장 정밀한 온도컨트롤 시스템

필요한 열량을 자동 계산하여 필요한 양 만큼 heater와 cooler가 작동하므로 전기소모량이 적고 장비의 수명이 길어짐

Class III safety

안전장치 시스템 - 과열방지 시스템 | 고온,저온 제한온도 설정 및 알람 | float 차단장치

Pressure and suction pump

외부로 밀어주고 외부에서 들어오는 냉매를 당겨주는 Pressure & Suction 이 가능한 펌프 장착

Simplified setup and maintenance

장비에 기본적으로 배수장치가 장착되어 편리성 증대

세척가능한 에어필터 장착

DuraTop™ 사용으로 외부 재질의 내화학성과 세척이 용이

Selection Guide

온도 컨트롤러 선택 가이드

| Controller | Advanced Programmable(AP) | Advanced Digital(AD) | Standard Digital(SD) | MX |
|------------------------------------|---|--|------------------------|------------------------|
| Max. Temperature | 200°C | 200°C | 170°C | 135°C |
| Temperature Stability | ±0.005°C | ±0.01°C | ±0.04°C | ±0.07°C |
| Pump Type | Pressure/Suction Variable-Speed | Pressure/Suction Variable-Speed | Pressure only, 2-Speed | Pressure only, 1-Speed |
| Pump Pressure(max.) psi | 4.3 | 4.3 | 3.5 | |
| Pressure Flow Rate(max.) (l/min) | 20.1 | 20.1 | 11 | |
| Suction Flow Rate(max.) (l/min) | 14.7 | 14.7 | - | - |
| Temperature Calibration Capability | 10 Point | 1 Point | 1 Point | 1 Point |
| Programmability(Time/Temperature) | Open-Mode | N/A | N/A | N/A |
| Display Type | 4.3" SmartTouch LCD Display | 3.75" LCD Touch-pad | 3.75" LCD Touch-pad | 3.25" LCD |
| Connectivity | USB-A & B, Ethernet, RS-232/RS-485, Remote On/Off, External Temperature Probe | USB-A & B, Ethernet, RS-232/RS-485, External Temperature Probe | RS-232 | N/A |

Integrated Circulating Baths 선택 가이드

| | Refrigerated/Heated Circulating Baths | | | | | | | | |
|----------------------------------|---------------------------------------|---------------------|--------------------|------------------|------------------|----------------|------------------|------------------|--------------------|
| Capacity | 7 Liter | 7 Liter Low Profile | 7 Liter | 15 Liter | 15 Liter | 20 Liter | 28 Liter | 45 Liter | 75 Liter |
| Maximum Temperature ¹ | 200°C | 200°C | 200°C | 200°C | 200°C | 200°C | 200°C | 135°C | 100°C |
| Minimum Temperature | -20°C | -20°C | -40°C | -30°C | -40°C | -30°C | -30°C | -25°C | -20°C |
| Cooling Capacity @ 20°C | 200 W | 200 W | 360 W | 915 W | 1000 W | 915 W | 915 W | 1400 W | 1400 W |
| Working Access (L x W x D), cm | 15.7 x 14.2 x 12.7 | 15.7 x 14.2 x 12.7 | 15.7 x 14.2 x 12.7 | 21.2 x 27.6 x 14 | 21.2 x 27.6 x 14 | 25 x 31.6 x 14 | 31.4 x 35.9 x 14 | 54.9 x 39.8 x 14 | 54.9 x 39.8 x 23.9 |

1. Maximum temperature is controller-dependent

Heated Circulating Baths 선택 가이드

| | Integrated Circulating Baths | | | | Stainless Steel Open Tank System | | | |
|----------------------------------|------------------------------|------------------|----------------|------------------|----------------------------------|-------------------|--------------------|--------------------|
| Capacity | 7 Liter | 15 Liter | 20 Liter | 28 Liter | 6 Liter | 10 Liter | 20 Liter | 28 Liter |
| Maximum Temperature ¹ | 200°C | 200°C | 200°C | 200°C | 150°C | 150°C | 150°C | 150°C |
| Minimum Temperature ² | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C |
| Working Access (L x W x D), cm | 15.7 x 14.2 x 12.7 | 21.2 x 27.6 x 14 | 25 x 31.6 x 14 | 31.4 x 35.9 x 14 | 10 x 11 x 15.2 | 9.9 x 25.5 x 15.2 | 26.4 x 22.8 x 15.2 | 25.7 x 21.4 x 20.3 |

| | Polycarbonate Open Tank System | | | | | | Immersion Circulator |
|----------------------------------|--------------------------------|------------------|--------------------|--------------------|------------------|--------------------|----------------------|
| Capacity | 8 Liter | 11 Liter | 14 Liter | 17 Liter | 23 Liter | 28 Liter | Up to 28 Liters |
| Maximum Temperature ¹ | 85°C | 85°C | 85°C | 85°C | 85°C | 85°C | 135°C |
| Minimum Temperature ² | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C | Ambient + 10°C |
| Working Access (L x W x D), cm | 10.5 x 15.6 x 20.3 | 21 x 15.6 x 20.3 | 31.4 x 15.6 x 20.3 | 10.5 x 30.5 x 20.3 | 21 x 30.5 x 20.3 | 31.5 x 30.5 x 20.3 | N/A |

1. Maximum temperature is controller-dependent

2. Minimum temperature is shown with no external heat load

Advanced Programmable(AP) Temperature Controller

특징

- 최고 온도 : 200°C
- 온도 안정성 : $\pm 0.005^{\circ}\text{C}$
- 현재 시각을 표시하는 시계 내장 - 실제 날짜와 시각으로 스케줄 가능
- 최대 10일간의 온도 변화 데이터 관찰 가능
- External Circulation : Open- or closed-loop
- 직관적인 4.3인치 터치 디스플레이
- 11가지 언어 선택 가능(한국어 포함)
- Swivel 180™ 컨트롤러
- 10 point calibration 가능
- 안전등급 : DIN 12876-1 Class III (For use with flammable liquids)



Integrated Refrigerated / Heated Circulating Baths

| Reservoir Size(L) | 7L | 7L Low Profile | 7L | 15L | 15L | 20L | 28L | 45L | 75L |
|------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|-------------------|-------------------|
| Working Temp. Range | -20°C ~ 200°C | -20°C ~ 200°C | -40°C ~ 200°C | -30°C ~ 200°C | -40°C ~ 200°C | -30°C ~ 200°C | -30°C ~ 200°C | -25°C ~ 200°C | -20°C ~ 100°C |
| Cooling Capacity @ 20°C | 200W | 200W | 360W | 915W | 1000W | 915W | 915W | 1400W | 1400W |
| Overall Dimension(LxWxD), cm | 54.1 x 22.1 x 61.7 | 58.9 x 41.1 x 41.1 | 54.1 x 22.1 x 61.7 | 56.9 x 36.8 x 68.3 | 56.9 x 36.8 x 68.3 | 61 x 41.9 x 68.3 | 67.2 x 45.7 x 68.3 | 90.9 x 56.8 x 107 | 90.9 x 56.9 x 107 |
| Part No. | AP07R-20-A13D | AP7LR-20-A13D | AP07R-40-A13D | AP15R-30-A13D | AP15R-40-A13D | AP20R-30-A13D | AP28R-30-A13D | AP45R-20-A13D | AP75R-20-A13D |



Integrated Heated Circulating Baths

| Reservoir Size (L) | 7L | 15L | 20L | 28L |
|------------------------------------|---------------------------|--------------------|------------------|--------------------|
| Working Temp. Range | Ambient +10° to 200°C | | | |
| Overall Dimensions (L x W x D), cm | 49.9 x 22.1 x 40.9 | 56.9 x 36.8 x 42.2 | 61 x 41.9 x 42.2 | 67.2 x 45.7 x 42.2 |
| Tank Material | Insulated Stainless Steel | | | |
| Part No. | AP07H200-A13D | AP15H200-A13D | AP20H200-A13D | AP28H200-A13D |

Open Tank Heated Circulating Baths – Stainless Steel

| Reservoir Size (L) | 6L | 10L | 20L | 28L |
|------------------------------------|-----------------------|--------------------|--------------------|--------------------|
| Working Temp. Range | Ambient +10° to 150°C | | | |
| Overall Dimensions (L x W x D), cm | 34 x 20.6 x 37.8 | 35.3 x 34.2 x 37.8 | 53.1 x 34.2 x 37.8 | 53.1 x 34.2 x 42.9 |
| Tank Material | Stainless Steel | | | |
| Part No. | AP06S150-A13D | AP10S150-A13D | AP20S150-A13D | AP28S150-A13D |

Open Tank Heated Circulating Baths – Polycarbonate

| Reservoir Size | 8L | 11L | 14L | 17L | 23L | 28L |
|------------------------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Working Temp. Range | Ambient +10° to +85°C | | | | | |
| Overall Dimensions (L x W x D), cm | 32.2 x 20.8 x 41.3 | 42.7 x 20.8 x 41.3 | 53.2 x 20.8 x 41.3 | 35.3 x 34.5 x 41.3 | 45.7 x 34.5 x 41.3 | 56.2 x 34.5 x 41.3 |
| Tank Material | Polycarbonate | | | | | |
| Part No. | AP08P100-A13D | AP11P100-A13D | AP14P100-A13D | AP17P100-A13D | AP23P100-A13D | AP28P100-A13D |

Advanced Digital(AD) Temperature Controller



특징

- 최고 온도 : 200°C
- 온도 안정성 : ±0.01°C
- 현재 시각을 표시하는 시계 내장 - 실제 날짜와 시각으로 스케줄 가능
- External Circulation : Open- or closed-loop
- 직관적인 3.75인치 터치 디스플레이
- 4가지 언어 선택 가능
- Swivel 180™ 컨트롤러
- 자동 작동 최적화 기능
- Single point calibration 가능
- 안전등급 : DIN 12876-1 Class III (For use with flammable liquids)

Integrated Refrigerated / Heated Circulating Baths

| Reservoir Size | 7L | 7L Low Profile | 7L | 15L | 20L | 28L | 45L |
|------------------------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|-------------------|
| Working Temp. Range | -20° to 200°C | -20° to 200°C | -40° to 200°C | -30° to 200°C | -30° to 200°C | -30° to 200°C | -25° to 135°C |
| Cooling Capacity @ 20°C | 200 W | 200 W | 360 W | 915 W | 915 W | 915 W | 1400 W |
| Overall Dimensions (L x W x D), cm | 54.1 x 22.1 x 61.7 | 58.9 x 41.1 x 41.1 | 54.1 x 22.1 x 61.7 | 56.9 x 36.8 x 68.3 | 61 x 41.9 x 68.3 | 67.2 x 45.7 x 68.3 | 90.3 x 56.8 x 107 |
| Part No. | AD07R-20-A13D | AD7LR-20-A13D | AD07R-40-A13D | AD15R-30-A13D | AD20R-30-A13D | AD28R-30-A13D | AD45R-20-A13D |



Integrated Heated Circulating Baths

| Reservoir Size (L) | 7L | 15L | 20L | 28L |
|------------------------------------|---------------------------|--------------------|------------------|--------------------|
| Working Temp. Range | Ambient +10° to 200°C | | | |
| Overall Dimensions (L x W x D), cm | 49.9 x 22.1 x 40.9 | 56.9 x 36.8 x 42.2 | 61 x 41.9 x 42.2 | 67.2 x 45.7 x 42.2 |
| Tank Material | Insulated Stainless Steel | | | |
| Part No. | AD07H200-A13D | AD15H200-A13D | AD20H200-A13D | AD28H200-A13D |

Open Tank Heated Circulating Baths – Stainless Steel

| Reservoir Size (L) | 6L | 10L | 20L | 28L |
|------------------------------------|-----------------------|--------------------|--------------------|--------------------|
| Working Temp. Range | Ambient +10° to 150°C | | | |
| Overall Dimensions (L x W x D), cm | 34 x 20.6 x 37.8 | 35.3 x 34.2 x 37.8 | 53.1 x 34.2 x 37.8 | 53.1 x 34.2 x 42.9 |
| Tank Material | Stainless Steel | | | |
| Part No. | AD06S150-A13D | AD10S150-A13D | AD20S150-A13D | AD28S150-A13D |

Standard Digital(SD) Temperature Controller

특징

- 최고 온도 : 170°C
- 온도 안정성 : $\pm 0.04^\circ\text{C}$
- External Circulation : closed-loop
- 직관적인 3.75인치 터치 디스플레이
- Swivel 180TM 컨트롤러
- 자동 작동 최적화 기능
- Single point calibration 가능
- 안전등급 : DIN 12876-1 Class I (For use with flammable liquids)



Integrated Refrigerated / Heated Circulating Baths

| Reservoir Size | 7L | 7L Low Profile | 15L | 20L | 28L |
|------------------------------------|--------------------|--------------------|--------------------|------------------|--------------------|
| Working Temp. Range | -20° to 170°C | -20° to 170°C | -30° to 170°C | -30° to 170°C | -30° to 170°C |
| Cooling Capacity @ 20°C | 200 W | 200 W | 915 W | 915 W | 915 W |
| Overall Dimensions (L x W x D), cm | 54.1 x 22.1 x 61.7 | 58.9 x 41.1 x 41.1 | 56.9 x 36.8 x 68.3 | 61 x 41.9 x 68.3 | 67.2 x 45.7 x 68.3 |
| Part No. | SD07R-20-A13D | SD7LR-20-A13D | SD15R-30-A13D | SD20R-30-A13D | SD28R-30-A13D |



Integrated Heated Circulating Baths

| Reservoir Size (L) | 7L | 15L | 20L | 28L |
|------------------------------------|---------------------------|--------------------|------------------|--------------------|
| Working Temp. Range | Ambient +10° to 170°C | | | |
| Heater W(60hz) | 1100 W | | | |
| Overall Dimensions (L x W x D), cm | 49.9 x 22.1 x 40.9 | 56.9 x 36.8 x 42.2 | 61 x 41.9 x 42.2 | 67.2 x 45.7 x 42.2 |
| Tank Material | Insulated Stainless Steel | | | |
| Part No. | SD07H170-A13D | SD15H170-A13D | SD20H170-A13D | SD28H170-A13D |

MX Temperature Controller



특징

- 최고 온도 : 135 °C
- 온도 안정성 : ± 0.07 °C
- External Circulation: Closed-loop
- 알아보기 쉬운 아이콘과 영어 디스플레이
- Single Point Calibration 가능
- 안전 등급 : DIN 12876-1 Class I
(For use with flammable liquids)

Integrated Refrigerated / Heated Circulating Baths

| Reservoir Size | 7L | 7L Low Profile | 15L | 20L |
|------------------------------------|--------------------|--------------------|--------------------|------------------|
| Working Temp. Range | -20° to 135°C | -20° to 135°C | -30° to 135°C | -30° to 135°C |
| Cooling Capacity @ 20°C | 200 W | 200 W | 915 W | 915W |
| Overall Dimensions (L x W x D), cm | 54.1 x 22.1 x 64.5 | 58.9 x 41.1 x 43.9 | 56.9 x 36.8 x 71.1 | 61 x 41.9 x 71.1 |
| Part No. | MX07R-20-A13D | MX7LR-20-A13D | MX15R-30-A13D | MX20R-30-A13D |

Integrated Heated Circulating Baths

| Reservoir Size (L) | 7L | 15L | 20L |
|------------------------------------|---------------------------|--------------------|------------------|
| Working Temp. Range | Ambient +10° to 135°C | | |
| Heater W(60hz) | 1100 W | | |
| Overall Dimensions (L x W x D), cm | 49.9 x 22.1 x 43.7 | 56.9 x 36.8 x 45.2 | 61 x 41.9 x 45.2 |
| Tank Material | Insulated Stainless Steel | | |
| Part No. | MX07H135-A13D | MX15H135-A13D | MX20H135-A13D |

Open Tank Heated Circulating Baths – Stainless Steel

| Reservoir Size (L) | 6L | 10L | 20L | 28L |
|------------------------------------|-----------------------|--------------------|--------------------|--------------------|
| Working Temp. Range | Ambient +10° to 135°C | | | |
| Overall Dimensions (L x W x D), cm | 34 x 20.6 x 40.6 | 35.3 x 34.2 x 40.6 | 53.1 x 34.2 x 40.6 | 53.1 x 34.2 x 45.7 |
| Tank Material | Stainless Steel | | | |
| Part No. | MX06S135-A13D | MX10S135-A13D | MX20S135-A13D | MX28S135-A13D |

Open Tank Heated Circulating Baths – Polycarbonate

| Reservoir Size (L) | 8L | 11L | 14L | 17L | 23L | 28L |
|------------------------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Working Temp. Range | Ambient +10° to +85°C | | | | | |
| Overall Dimensions (L x W x D), cm | 32.2 x 20.7 x 44.1 | 42.7 x 20.8 x 44.1 | 53.2 x 20.8 x 44.1 | 35.3 x 34.5 x 44.1 | 45.7 x 34.5 x 44.1 | 56.2 x 34.5 x 44.1 |
| Tank Material | Polycarbonate | | | | | |
| Part No. | MX08P100-A13D | MX11P100-A13D | MX14P100-A13D | MX17P100-A13D | MX23P100-A13D | MX28P100-A13D |


General Purpose Water Baths

특징

- 온도범위 : Ambient +5 °C to +100 °C
- 온도 균일성 : ± 0.2 °C
- 온도 안정성 : ± 0.1 °C
- 설정 온도와 현재 온도 동시 표시
- 3개의 온도 설정/저장 가능한 온도 컨트롤러
- 알람 시스템 : 과열 / 최저 수위 알람
- 수조 재질 : 304 Stainless Steel
- Local Lockout 장치 (저장된 온도설정을 담당자만 변경 가능)
- Hinged Gable Cover : 키높이 뚜껑으로 Flask or Tall Vessel 사용 가능
- 타이머 내장
- 배수 장치 (10 L 이상 적용)
- 1 Point Calibration Capability
- LCD Display



Integrated Refrigerated / Heated Circulating Baths

| | | | | | |
|--------------------------------|---|---|--|---|---|
| |  |  |  |  |  |
| Overall Size | L: 30.5 cm W: 22.9 cm D: 34.3 cm | L: 30.5 cm W: 36.8 cm D: 34.5 cm | L: 43.2 cm W: 39.3 cm D: 39.3 cm | L: 44.5 cm W: 57.2 cm D: 39.3 cm | L: 44.5 cm W: 57.2 cm D: 45.7 cm |
| Reservoir Size | 2L | 5L | 10L | 20L | 28L |
| Temp. Range | Ambient +5°C to 100°C | | | | |
| Temp. Uniformity | ± 0.2 °C | | | | |
| Temp. Stability | ± 0.1 °C | | | | |
| Working Access (L x W x D), cm | 9.9 x 10.9 x 15.2 | 12.7 x 27.4 x 15.2 | 26.9 x 29.5 x 15.2 | 24.1 x 43.2 x 15.2 | 24.1 x 43.2 x 20.3 |
| Part No. | WBE02A12E | WBE05A12E | WBE10A12E | WBE20A12E | WBE28A12E |

부동액을 사용하여 냉각수만으로는 도달하기 힘든 저온까지 유체 냉각

Benchtop Recirculating Chillers



특징

- 파워풀한 탁상용 저온 냉각기
- 응용분야 : 로터리 농축기, 진공시스템, 분광계, 분석장비와 함께 사용
- 모델 : LS, LM, MM Series 선택
- 화면 : LED 디스플레이
- 공간절약형 디자인 설계
- 알람 시스템 : 고온, 저온 시 알람 경고, 저유량 시 전원 차단 및 알람 경고
- Fluid Level Indicator 내장

| Model | LS Series Chiller | | LM Series Chiller | MM Series Chiller |
|-------------------------------|-------------------|-----------|-------------------|-------------------|
| Reservoir Capacity | 2.65L | | | |
| Temperature Range | -20°C to 40°C | | -10°C to 30°C | -5°C to 50°C |
| Temperature Stability | ±0.1°C | | | |
| Pump Type | Centrifugal | Turbine | Centrifugal | Centrifugal |
| Cooling Capacity @+20°C | Up to 1290W | | Up to 560 W | Up to 460 W |
| Max. Pressure(60Hz) | 14.5 psi | 43.4 psi | 14.5 psi | 14.5 psi |
| Max. Pressure Flow Rate(60Hz) | 14.8 l/min | 9.8 l/min | 13.2 l/min | 13.2 l/min |

DuraChill® Portable Recirculating Chillers



특징

- ¼ ~ 1마력(HP) 의 휴대용 저온 냉각기
- 응용분야 : Laser Etching, AA Furnaces, ICP, 회전농축기 등 열 제거 응용 분야
- 풀 컬러 터치 스크린 디스플레이
- 지속적인 수위 모니터링
- Self-Changing air filter system
- UV Light : 화학물질 첨가 없이 미생물 번식 차단
- 저소음 공법으로 조용한 작동

| Model | CA02 | | CA03 | | CA05 | | CA10 | |
|-----------------------|-----------------------|------------|-----------------------|------------|-----------------------|------------|-----------------------|------------|
| Reservoir Capacity | 4.2L | | | | | | | |
| Temperature Range | -10° to +70°C | | | | | | | |
| Temperature Stability | ±0.1°C | | | | | | | |
| Pump Type | Positive Displacement | Turbine | Positive Displacement | Turbine | Positive Displacement | Turbine | Positive Displacement | Turbine |
| Cooling Capacity | 850 W | | 1400 W | | 1740 W | | 2900 W | |
| Max. Pressure (60Hz) | 100 psi | 90 psi | 100 psi | 90 psi | 100 psi | 90 psi | 100 psi | 90 psi |
| Max. Flow Rate (60Hz) | 9.8 l/min | 13.2 l/min | 9.8 l/min | 13.2 l/min | 9.8 l/min | 13.2 l/min | 9.8 l/min | 13.2 l/min |

High Capacity Chillers

특징

- 공랭식 및 수냉식 모델 제공
- 다양한 펌프 옵션 선택가능(Positive Displacement, Turbine 외 옵션 가능)
- 대형 듀얼 디스플레이로 온도와 압력 또는 유량을 동시에 표시
- 간단한 작동과 유지보수
- 공간절약형 디자인 설계



| | 6800, Air Cooled | | 6900, Water-Cooled | |
|---------------------------|-----------------------|------------|-----------------------|------------|
| Reservoir Capacity | 13.25L | | | |
| Working Temperature Range | +5°C to +35°C | | | |
| Temperature Stability | ±0.5°C | | | |
| Pump Type | Positive Displacement | Turbine | Positive Displacement | Turbine |
| Cooling Capacity @ +20°C | 5200W | | 5328W | |
| Max. Pressure | 100 psi | | | |
| Max. Pressure Flow Rate | 13.2 l/min | 41.6 l/min | 13.2 l/min | 41.6 l/min |

Recirculating Coolers

특징

- 조용하고 에너지 효율적인 열 제거
- Liquid to Air Cooling : 주변 공기를 이용해 냉각
- Liquid to Liquid Cooling : 물을 이용해 냉각



| Model | 3370 Liquid-to-Air Cooler | 4100 Liquid-to-Liquid Cooler |
|-------------------------|---------------------------|-------------------------------|
| Reservoir Capacity | 4.2 L | |
| Temperature Range | Ambient +5°C to +70°C | Facility Water +10°C to +60°C |
| Cooling Capacity | 4000W @ 20°C*1 | 10,000W @ 20°C*2 |
| Pump Type | Positive Displacement | Turbine |
| Max. Pressure | 100 psi | |
| Max. Pressure Flow Rate | 9.1 l/min | 13.2 l/min |

*1 : Based on 11°C ΔT(Processed water temperature–ambient air temperature)

*2 : Based on 10°C ΔT(Processed water temperature–facility water temperature)

Viscosity Baths



특징

- ASTM D-445 기반 점도 측정 수조(AD Controller only)
- Opening Configurations : Round
- Reservoir Material : Glass
- Reservoir Capacity : 17 L
- Open or Closed-loop
- 수돗물 냉각 코일 포함

| Controller Type | MX | Advanced Digital |
|-------------------------------|--------------------|--------------------|
| Reservoir Size | 17 L | |
| Temperature Range | +10°C to +135°C | +10°C to +200°C |
| Temperature Stability | ±0.07°C | ±0.01°C |
| Pump Speed | One | Variable |
| Working Access (LxWxD), cm | (6) x 5.1 Ø x 27.9 | (6) x 5.1 Ø x 27.9 |
| Overall Dimension (LxWxD), cm | 31.8 Ø x 52.1 | 31.8 Ø x 52.1 |

Coliform Baths



특징

- 대장균 및 대장균군 검사에 이상적
- 45.5°C에서 대장균 AOAC법
- 41.5°C에서 7시간 대장균 검사 : APHA, AWWA, WEF
- 35.0°C에서 대장균 및 대장균군 Substrate Technology 테스트

| Description | Coliform Bath, 28 L |
|------------------------------------|-----------------------|
| Controller Type | MX |
| Display | 3.25" LCD |
| Languages Supported | English |
| Working Temperature Range °C | Ambient +10° to 135°C |
| Temperature Stability °C | ±0.07°C |
| Temperature Calibration Capability | 1-point |
| Working Access (L x W x D) (cm) | 30 x 32.8 x 21.1 cm |
| Pump Type | Pressure |
| Flammability Class (DIN 12876-1) | I (NFL) |

Calibration Baths



특징

- Reference Sensor 등의 온도 교정이 가능한 수조
- 넓은 온도 범위, 정확한 온도 컨트롤
- Calibration 온도 : -30°C to +200°C
- 온도 안정성 : ±0.005°C
- Reservoir Capacity : 15L
- 사용 모델 : Refrigerated / Heated or Heated

