

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Find the *Cole-Parmer 12122-36* at our website: *Click HERE*

Cole-Parmer® polystat®
Cooling/Heating Recirculators

Full-range cooling for quick ramp up and cool-down—saves valuable time

- Robust cooling and heating from –10 to 80°C
- Compact design maximizes bench space
- Internal tank design minimizes fluid evaporation

True thermostatic control laboratory chiller. Removes or adds temperature as required by your application. This laboratory chiller is ideal for applications such as cooling smaller analytical instrumentation, jacketed reactors, and rotary evaporators. This system can also be used as an economical replacement to tap water cooling in small laboratory applications. Rapid cool-down and heat-up times enable you to maintain temperature to ±0.1°C. Powerful pump provides flow rates up to 21 L/min. All models have USB ports for applications that require serial communications.

What's included: 6-ft (1.8-m) power cord with 3-prong plug, funnel, and 8- and 12-mm hose barb fittings with clamps for connecting to applications.



13042-01

Specifications

Internal resevoir capacity: 0.7 gal. (2.8 L)
Temperature range: –10 to 80°C
Temperature stability: ±0.1°
Temperature setting: digital
Heater: 1200 W (115 VAC); 2000 W (230 VAC)
Overall dimensions (W x H x D): 9" x 25" x 16½" (23 x 64 x 42 cm)

Catalog number	Cooling capacity at 20°C	Pump type	Max pump pressure psi (mbar)	Flow rate (L/min)	Power (VAC, Hz)	Price
TW-13042-01	250 W	Force	4.4 (300)	17	115, 60	
TW-13042-03					230, 50	
TW-13042-05	250 W	Force/suction	11.7 (805)	21	115, 60	
TW-13042-07					230, 50	
TW-13042-17	500 W	Force	4.4 (300)	17	115, 60	
TW-13042-19					230, 50	
TW-13042-21	500 W	Force/suction	11.7 (805)	21	115, 60	
TW-13042-23					230, 50	

Cole-Parmer® polystat®
High-Capacity Recirculating Chillers

Affordable—with a wide range of temperature control and cooling capacities

- High and low temperature alarms
- Front-mount pressure gauge for easy view of pressure readings
- Large fill port for easy spill-proof filling

Polystat chillers are both an economical and ecological solution by allowing you to eliminate tap water waste and providing reliable liquid cooling performance for all your application requirements. Robust pump performance for closed loop recirculation up to 2.0 kW. Three pump options handle a variety of application requirements. These chillers have an intuitive digital controller with a seamless moisture-resistant keypad. Illuminated icons simplify monitoring and adjusting operation parameters. You can adjust display resolution of 1° or 0.1°C.

What's included: power cord and male pipe adapters with barbed fittings for ½" ID tubing.



12911-00

Specifications

Temperature control: PID
Temperature sensor: Pt RTD
Display: 4-digit LED, 0.1°C resolution
Wetted materials: polyethylene, brass, copper, PVC, stainless steel
Refrigerant: R-134a

Catalog number	Reservoir capacity gal. (L)	Temperature range	Compressor hp	Cooling capacity (watts) 0°C	10°C	20°C	Max pump pressure psi (mbar)	Max flow at 0 head	Dimensions (L x W x H)	Power (VAC, Hz, amps)	Shpg wt lb (kg)	Price
TW-12911-00	2 (7.6)	–10 to 30°C	¼	200	475	700	95 (6550)	6.4 L/min	14" x 23¾" x 23" (35.6 x 60.3 x 58.4 cm)	115, 60, 9.8	100 (45.3)	
TW-12911-02				175	410	600				230, 50, 5.1		
TW-12911-04	2 (7.6)	–10 to 30°C	⅓	275	415	1000	95 (6550)	6.4 L/min	14" x 23¾" x 23" (35.6 x 60.3 x 58.4 cm)	115, 60, 13.2	100 (45.3)	
TW-12911-06				240	375	900				230, 50, 6.3		
TW-12911-08	2 (7.6)	–10 to 30°C	⅓	275	415	1000	95 (6550)	14 L/min	14" x 23¾" x 23" (35.6 x 60.3 x 58.4 cm)	115, 60, 15.5	100 (45.3)	
TW-12911-10				240	375	900				230, 50, 7.6		
TW-12911-12	2 (7.6)	–10 to 30°C	⅓	275	415	1000	7 (483)	13.2 L/min	14" x 23¾" x 23" (35.6 x 60.3 x 58.4 cm)	115, 60, 11.5	100 (45.3)	
TW-12911-14				240	375	900	5 (345)	12.3 L/min		230, 50, 5.6		
TW-12911-16	5 (18.9)	–10 to 30°C	¾	375	1100	2000	95 (6550)	6.4 L/min	17" x 28" x 23" (43.2 x 71.1 x 58.4 cm)	208–230, 60, 8.8	160 (72.5)	
TW-12911-18				325	1025	1900				230, 50, 8.8		
TW-12911-20	5 (18.9)	–10 to 30°C	¾	375	1100	2000	95 (6550)	14 L/min	17" x 28" x 23" (43.2 x 71.1 x 58.4 cm)	208–230, 60, 10.1	160 (72.5)	
TW-12911-22				325	1025	1900				230, 50, 10.1		

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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