

Versatile and economical option for laboratory cooling and heating needs from  $-10^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ .

# Thermo Scientific HAAKE EZ Cool 80

Circulator



- Typical markets:**
- Pharmaceutical
  - Biotechnology
  - Academic research
  - Food and beverage
  - Chemical
  - Petrochemical



## Efficient System Design for Laboratory Use

The Thermo Scientific HAAKE EZ Cool 80 circulator is used to heat and cool external applications within a temperature range from  $-10^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ . Its bathless design minimizes the evaporation of temperature fluid during daily use. The stainless-steel circulator is both quiet and robust, making it well suited for laboratory use.

## Control Temperatures Within a Variety of Laboratory Applications

The Thermo Scientific HAAKE EZ Cool 80 supports diverse applications that include cooling and temperature control of analytical instrumentation, jacket reactors, and rotary evaporators. The HAAKE EZ Cool 80 can also

be used as an economical chiller with heating options to replace tap water cooling in small lab applications.

## Economical Choice

The versatile HAAKE EZ Cool 80 unit provides dependable cooling and heating for a variety of applications at an affordable price.

## Local Service and Support from a Global Supplier

Service and support options for our temperature control products are available worldwide.

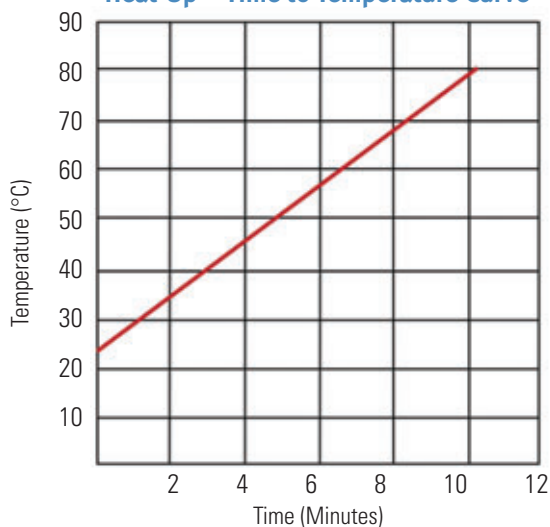
## HAAKE EZ Cool 80 Features & Benefits

- Rapid cool down and heat up times
- 4 pre-set temperatures
- Real temperature adjustment for display of external temperature
- Limits for customized high & low temperatures
- Powerful pump accommodates connections to external applications
- Front access drain for easy cleaning
- Safeties with variable over temperature protection
- Fault identification system
- CFC-free refrigeration system

## HAAKE EZ Cool 80 Applications

- Refractometers
- Spectrophotometers
- Condensers
- Rotary Evaporators
- Chemical Reactors
- Catalyst Reactions
- Electrophoresis
- Instrument Calibration
- Bioreactors
- Closed-loop systems

### Heat-Up – Time to Temperature Curve



### Product Specifications

Temperature Range	-10°C to +80°C
Temperature Accuracy	+/-0.1 K
Heater Capacity (230V)	1.5 kW
Cooling Capacity	
20°C	220 W
0°C	60 W
Pump Pressure (Maximum)	250 mbar
Pump Flow Rate (Maximum)	12 lpm
Internal tank volume	3.5 l
Overall Dimensions (W x L x H)	26 x 50 x 40 cm
Unit Weight	30 kg
Order number 230V/50Hz	426-1621
Order number 115V/60Hz	426-1623

### Cool-Down – Time to Temperature Curve

