Air Cooled for Low Load

MODELLK-10 Chiller

Applications

- Laser
- Surface Mount
- Power Supplies
- Spectrophotometer
- Electron Microscopes
- Analytical Instruments
- General Laboratory

You can avoid costly tap water usage for your water cooled equipment with our most compact system, the LK-10. Designed for table top or floor usage this air cooled chiller provides all the features required for temperature control and clean coolant circulation.

The LK-10 utilizes an absolutely CFC-free, environmentally-friendly refrigeration system with compressor hot discharge gas bypass. This eliminates the need for compressor cycling and maintains process stability to ±0.1°C. Our optional PID microprocessor controller features simultaneous display of process temperature and setpoint, as well as cooling status. The controller front panel keys may be locked for security. Coolant pressure and level status are also displayed on the front panel. To facilitate computer control and data logging, the LK-10 may also be equipped with a digital communications interface.

Specifications

<table>
<thead>
<tr>
<th>Temperature Control Range</th>
<th>5 to 35°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>±0.5°C standard, ±0.1°C optional</td>
</tr>
<tr>
<td>Cooling Capacity (BTU/hr)</td>
<td>2500 @ 20°C</td>
</tr>
<tr>
<td>Condenser Cooling</td>
<td>Air cooled</td>
</tr>
<tr>
<td>Reservoir Volume (gallons)</td>
<td>1.3</td>
</tr>
<tr>
<td>Recirculating Capacity</td>
<td>C1, R1, R2</td>
</tr>
<tr>
<td>Power Requirements* (Volts, Hz)</td>
<td>115, 1, 60, 208-230/200, 1, 60/50</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>13 x 15½ x 20½</td>
</tr>
</tbody>
</table>

Available Options

- Flow switch
- Pressure relief valve
- Lockable casters
- Digital temperature controller
- All stainless steel and polymeric wetted parts
- RS-485 communications
- Temperature alarm

* Consult TTII engineering for other available voltage ranges.

Available circulating pumps are rated for continuous operation.
Performance specifications will be affected by changes in coolant temperature, ambient temperature, or type of coolant used.

Specifications may change without notice. Specifications can be customized.
Call our Engineering Department at 1-800-259-4212 for assistance.