

# Recirculating Cooling & Heating System Chiller / Process Thermostat

## HS-10 DVP



- Huge cooling capacity over full temperature range
- Rapid temperature change due to optimized fluid capacity
- Water cooled single compressor cooling system
- Large capacity circulation pump
- Fully stainless steel enclosure
- Advanced fully programmable controller
- Respectable heating capacity
- Cooling capacity even at high temperatures

Temperature



For more information, visit  
[www.cik-solutions.com](http://www.cik-solutions.com)  
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[info@cik-solutions.com](mailto:info@cik-solutions.com)





**Device specifications:**

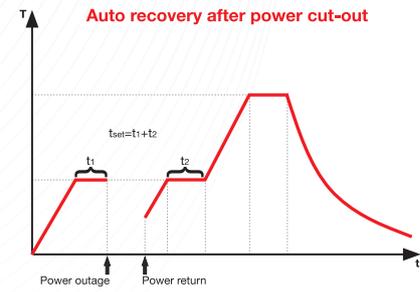
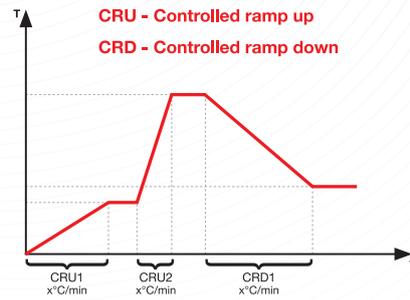
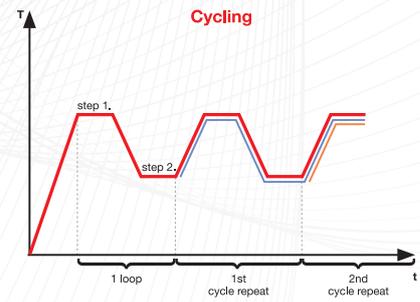
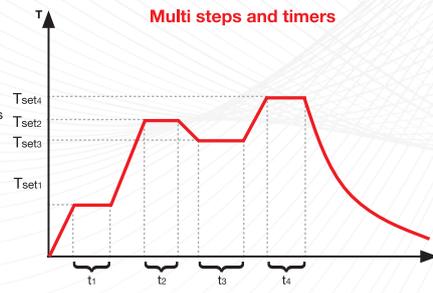
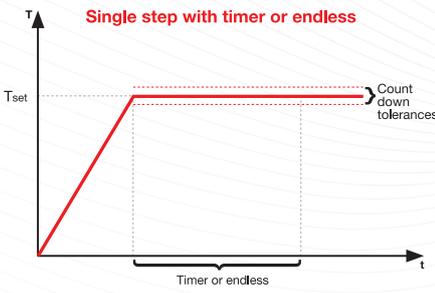
- Digital PID controller
- All round edges exterior design
- Extensive heat insulation on all pipework
- Touch screen user interface
- RS-232 and optional USB PC interface



Technical Data:	HS-10 DVP
External dimensions (WxDxH) in mm	<b>850 x 850 x 1815</b>
Temperature range (°C)	<b>-40...+120</b>
Temperature stability (°C)	<b>+/- 1.0</b>
Heat compensation capacity (kW)	<b>12 @ +100°C 12 @ 0°C 10 @ -20°C 3 @ -40°C</b>
Cooling	<b>Water cooled single compressor system</b>
Heating capacity (kW)	<b>6.0</b>
Flow pump capacity (m3/h)	<b>10 (166 l/min)</b>
Max. flow system pressure (bar)	<b>3.5</b>
Heat transfer fluid built-in reservoir capacity (L)	<b>35</b>
Circulation system connection ports	<b>1"</b>
Temperature probes	<b>PT-100 – temperature control PT-100 – temperature exterior</b>
Temperature control	<b>Microprocessor PID</b>
Over temperature shut off	<b>Built in</b>
Power supply	<b>3x400V / 50 Hz / 36A</b>
Wattage (W)	<b>22000</b>
Interface	<b>RS 232 / USB optional</b>
Weight (kg)	<b>~250</b>



**Controller functions:**



**Dimensions:**



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