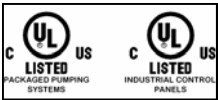


**Model #
PCW-DIC**

DeIonized Process Cooling Water

Closed System, Variable Speed



Sep
Enviro



- Unfired Pressure Vessels
- Pressure Piping
- Miniature Unfired Pressure
- National Board
- Repairs and/or Alterations
- Process Piping & Power Piping



Standard Features:

- **State-of-the-Art PLC Based System Controller, with Color Touch Screen Interface**
- **Variable Frequency Drives**
- **On-Demand, Auto Pump Staging, based on actual pump energy load**
- **Auto System Temperature Controls**
- **Auto System Restart**
- **Stainless Steel Air Separator**
- **System Resistivity Controls with Auto Blowdown**
- **System Pressure and Differential Pressure Controls**
- **Stainless Steel Main Headers (PVC Optional)**

Designed and manufactured with exceptional quality, the *EnviroSep PCW-DIC*, Deionized Process Cooling Water Package, for Closed Systems, is specifically utilized for providing process cooling water in applications requiring Deionized or High Resistivity fluid, such as microelectronics manufacturing and research. The Variable Speed System allows the system to meet system requirements, while consuming minimal electrical energy. The Closed-Loop system arrangement provides precision temperature and flow control in processes with relatively continuous loads. System Lag Pump(s) are automatically staged On/Off based on actual system requirements. *EnviroSep* engineers can provide system designs to meet specific site criteria.

SPECIFICATIONS	
System Arrangement	Duplex, Triplex, Quadraplex
Cooling Medium	Chilled Water or Glycol
Available System Flow Rate	50 to 5,000 GPM (3 to 300 LPS)
Standard Power	460/3/60 (400/3/50 upon request)
Working Pressure	175 psig (11.9 barg)
Working Temperature	< 200 deg F (< 90 deg C)

Options:

- **Magnetically Driven, Centrifugal Pumps**
- **Centerline-mounted, End-suction, Centrifugal Pumps**
- **Custom, Space Savings Arrangement**
- **Post-filtration**
- **Multi-staged Centrifugal Pumps**
- **Specific Performance Criteria (Upon Request)**



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