

**Model #
HTUP**

Heat Transfer Unit

With Steam Powered Condensate Pump

Shell and Tube



TYPICAL SPECIFICATIONS	
Steam Pressure	5 to 125 psig
Hot Water Temperature	120 to 300 deg F
Standard System Flow Rate	5 to 2000 GPM
Standard Power	110 V
Dimensions	Varies
Working Pressure	150 psig (10.2 barg)
Working Temperature	375 deg F (190 deg C)

EnviroSep HTUP, The Model **HTUP**, Heat Transfer Unit with integrally assembled steam-powered condensate pump is a complete manufactured system providing efficient heat transfer, steam utilization, and condensate removal. The Model **HTUP** unit features an ASME Shell and Tube, U-tube, Heat Exchanger; Pilot-operated Steam Control Valve; and Steam-Powered Condensate Pump with motive steam and exhaust connections. Each Unit is custom engineered and designed to meet specific system requirements. All systems are fabricated and welded per ASME Section IX Code and Standards, and are Hydrostatically tested prior to shipment.

Standard Features:

- ASME, Shell & Tube Heat Exchanger
- Self-contained, Pilot-operated or Pneumatic Modulating Steam Control Valves
- Steam Powered Condensate Pump
- Removable Tube Section
- Enclosed Structural Steel Frame
- Inlet Steam Pressure Gauge



Options:

- Inlet Steam Isolation Valves and Y-Strainer
- Stainless Steel Waterside
- ASME Receiver Tank
- Digital Temperature Output
- Inlet Steam Pressure Gauges
- Output to Building Management Systems
- NEMA 7/9 Explosion-proof Rating
- Inlet Steam Condensate Removal
- System Recirculation Pumps
- 1/3"2/3 Control Valve Arrangement
- UL-Listed Control Panel with Digital Temperature Controller
- Waterside Thermometers
- Steam / Waterside Pressure relief Valves



Specific Performance Criteria can be Designed Upon Request