Model # FSHR

Flash Vessel with Heat Recovery

Standard Models:

FSHR-F
ASME Shell and Tube
Flash Heat Recovery Unit

FSHR-C
ASME Plate and Frame
Condensate Heat Recovery Unit

FSHR-FC
Dual Heat Recovery Unit

Optional Features:

- **Stainless or Copper Tube Bundle**
- **SS Waterside**
- **Cooling Water Temperature Control System**
- **Digital Temperature Displays**

TYPICAL SPECIFICATIONS	
Steam Pressure	5 to 150 psig (Standard)
Steam Flows	10 Lb/Hr to over 100,000 # Lb/Hr
Dimensions	Based Upon Customer Requirements
Rated Temperature	< 375 deg F (< 190 deg C) Standard

Optional

Optional

The ***EnviroSep FSHR,*** Flash Steam Heat Recovery Unit is an engineered package designed to facilitate heat recovery from flash steam, condensate, or both. The FSHR is ideally suited for heating continuous flow of fluid, such as make-up water to a boiler feedwater system.

The atmospherically vented unit helps recovery and utilize valuable heat generally lost during boiler blowdown. A Shell and Tube Recovery Module with U-tube configuration is used for recovering energy from the flash steam, while the condensate utilizes an efficient Plate and Frame Recovery Module.

Non-continuous flow applications may require additional recirculation and/or relief valves. An optional make-up water control valve may be installed upstream of the unit in order for the make-up to be allowed to thermally expand to atmosphere to prevent system damage.

All systems are fabricated and welded per ASME Section IX Codes and Standards.

www.envirosep.com

P. O. Box 857 Georgetown, SC 29442 ● Phone: 843-546-7400 Fax: 843-546-7407