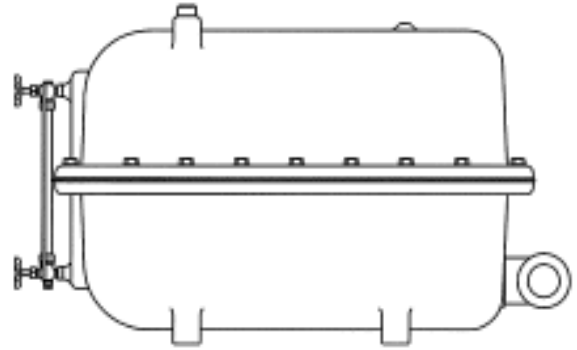


Sentinel® Pressure Powered Condensate Pumps

Application

Sentinel® Pressure Powered Condensate Pumps are designed to move condensate without the use of electricity and return condensate at temperatures above the limit of conventional electric pumps. This saves energy by reducing flash steam loss, conserving steam, water and water treatment chemicals. Some of the recommended applications include vacuum heating systems, turbines, condensers or any other steam condensing equipment with positive displacement operation.

The Sentinel® Pressure Powered Condensate Pumps require no electrical panels or starters and need minimal maintenance with no leaking seals or motors to burn out.



Features

Low Operating Costs

Sentinel® Pressure Powered Pumps save energy by bringing hot condensate back to the return main. Not only do you conserve energy you use less make-up water, see lower sewage costs, require less treatment chemicals and see lower maintenance costs.

Mechanical Applications

The standard application range for the Sentinel® Pressure Powered Condensate Pumps includes vacuum systems, condensers, turbines, coils, heaters, hospital equipment, coolers and evaporators. It can also be used where liquids need to be transported to a higher pressure or elevation like sump pits.

Unique Environmental Applications

Sentinel® Pressure Powered Condensate Pumps are suitable in a number of unique environmental applications such as wet or corrosive environments, remote locations with no electricity, where a small footprint size is necessary, explosive atmospheres, retrofitting existing receivers and closed systems with no atmospheric venting.

Upgrade Existing Pumps

Whether you have an existing POTP pump or other style pressure pump we have new retrofit pumps or replacement Head Assemblies to renew them.

Features

Series MHT—1” Low Profile

Body	Cast Iron
Max. Operating Temperature	400° F
Max. Operating Pressure (Steam)	200 PSIG
Condensate Removal Rate	2.4 to 4.94 GPM

Series MV—1” to 3” Vertical

Body	ASME Cert. Steel
Max. Operating Temperature	450° F
Max. Operating Pressure (Steam)	150 PSIG
Condensate Removal Rate	3.9 - 186.9 GPM

Series MH—1” to 3” Low Profile

Body	ASME Cert. Steel
Max. Operating Temperature	450° F
Max. Operating Pressure (Steam)	150 PSIG
Condensate Removal Rate	3.9 - 186.9 GPM

Note: We reserve the right to make revisions to its products, specifications, forms and related information without notice.

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