

V Series



Skidmore[®]
A Swan Group Company

V Series

Custom-built to meet your requirements, the Skidmore V Series is our most adaptable product line.

V Series units are available in simplex, duplex, triplex, or quadruplex configurations from 1,000 to 100,000 sq. ft. equivalent direct radiation capacities. Many V Series units are ideal for applications with 2' Net Positive Suction Head Requirements.

Overview
Simplex, duplex, triplex, and quadruplex units
Cast iron and steel receivers
Capacities from 1,000 to 100,000 sq. ft. EDR
Discharge pressures:
10–40 psi with 1,750 rpm units
20–75 psi with 3,500 rpm units
True 2' NPSHR pumps available (on select models)

V Series Features

- V Series Condensate Return and Boiler Feed pumps available in cast iron or carbon steel
 - Steel offers a broad range of receiver size options
 - Ideal for space-saving configurations
- Customizable control panels with multi-function capability and Building Management System integrations available
- Durable impeller and a mechanical seal capable of handling temperatures up to 250°F
- Special Viton seals available for 300°F application
- Discharge pressures from 10–40 psi available on units equipped with 1,750 rpm motors
- Discharge pressures from 20–75 psi available on 3,500 rpm units
- Optional receiver base stand

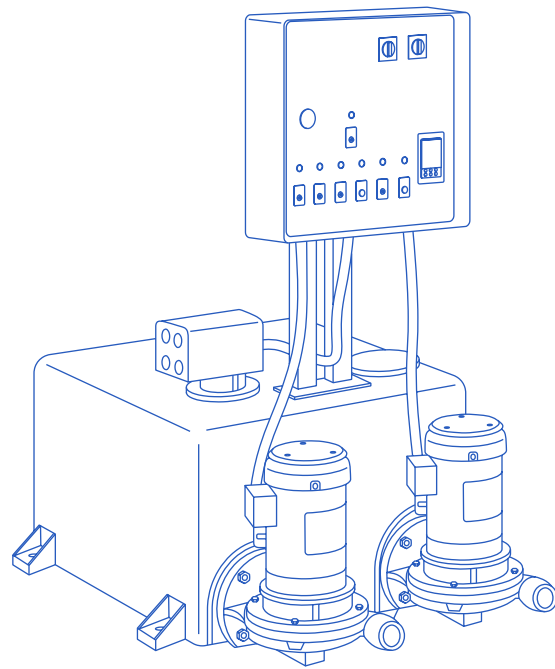
V Series Condensate Return

Capacity
1,000 to 100,000 sq. ft. EDR

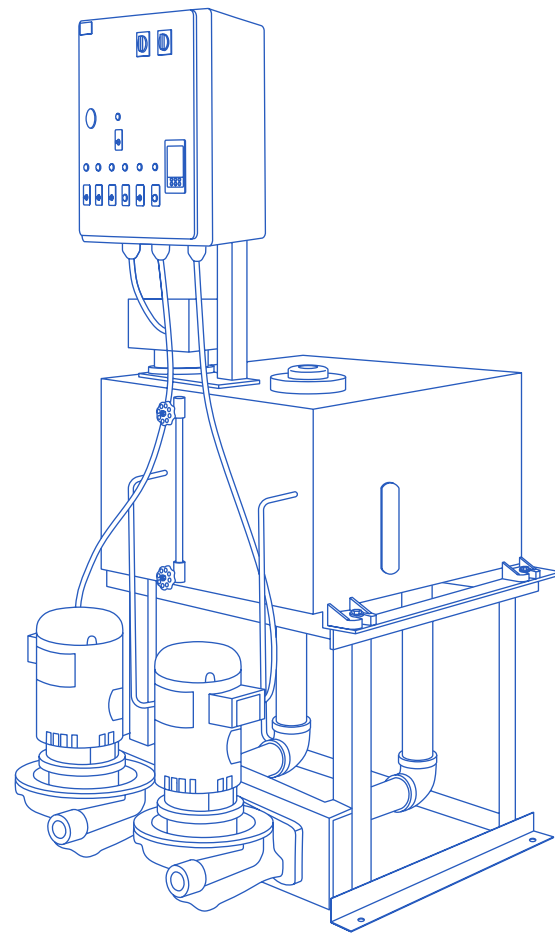
Discharge Pressures
10–40 psi with 1,750 rpm units
20–75 psi with 3,500 rpm units

V Series Condensate Return units are designed to collect and quickly return condensate to the boiler feed unit using various pressures and flows. Pumping action is controlled by the water level inside the receiver, and an integral float device is used to turn the pump(s) on and off.

Cast Iron Receiver (Duplex Unit shown)



Steel Receiver (Elevated Duplex Unit shown)



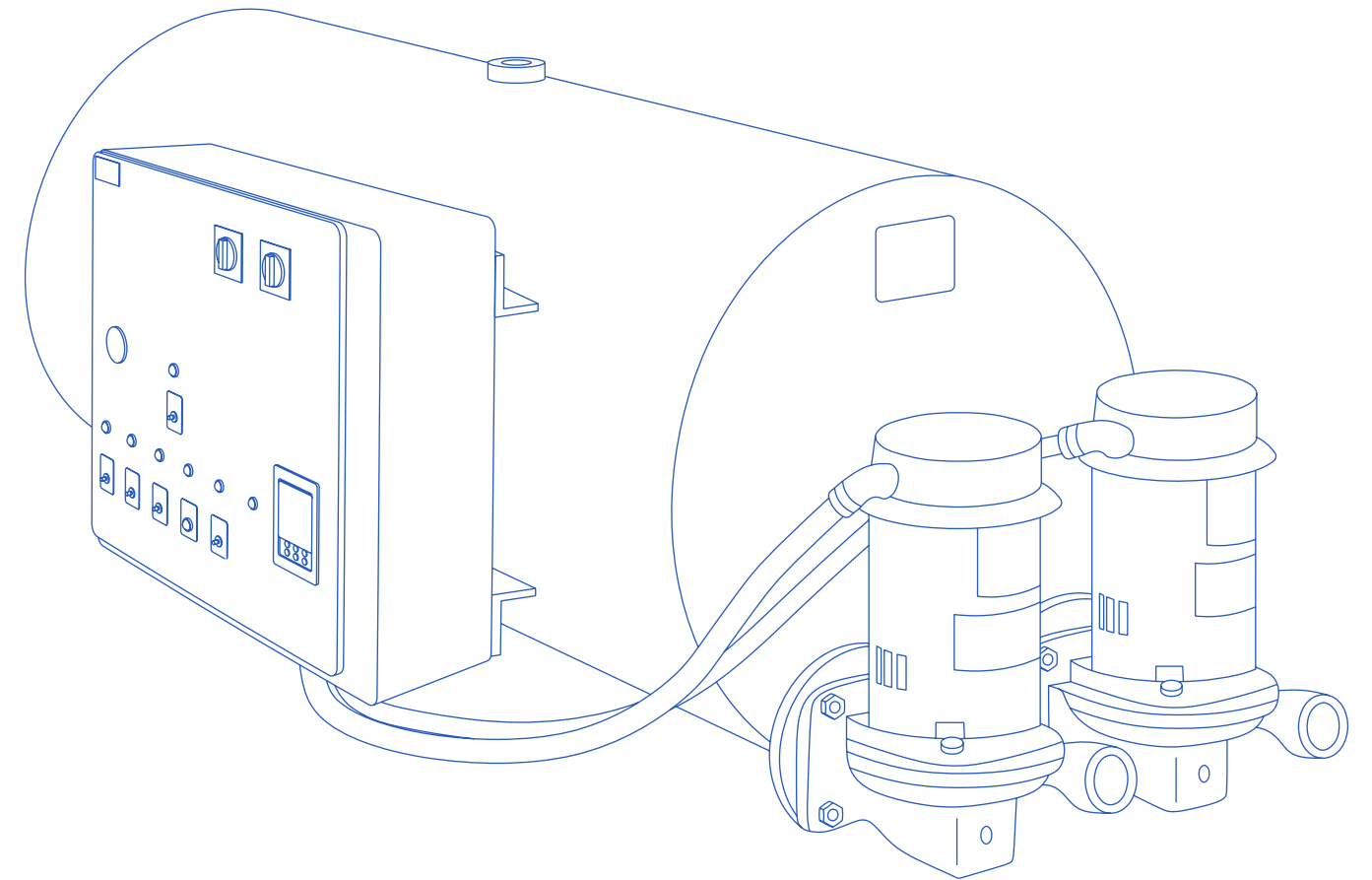
V Series Boiler Feed

Capacity
1,000 to 100,000 sq. ft. EDR

Discharge Pressures
10–40 psi with 1,750 rpm units
20–75 psi with 3,500 rpm units

V Series Boiler Feed units are designed to pump condensate and makeup water directly into the boiler(s) using pressures and flows specifically tailored to boiler specifications. Pumping action is determined by a boiler-mounted level controller that senses water level requirements. We also offer standard float-operated makeup valves or special electric solenoid valves on receivers designed to replenish water inside the boiler feed unit when water levels get too low.

Cylindrical Steel Receiver (Duplex Unit shown)



V Series Centrifugal Pumps

Please note that five centrifugal models are available in a large selection of sizes to meet your specific application requirements: VC, VJ, VE, VN, and VA.

V Series Centrifugal pumps are low maintenance, designed for long life, and are easily serviceable; the impeller and seal can be serviced without disturbing piping or electrical connections. All pumps are close-coupled to heavy-duty, ball bearing electric motors and bolted directly to the receiver. V Series Centrifugal units with fractional horsepower single-phase motors have built-in thermal overload protection.

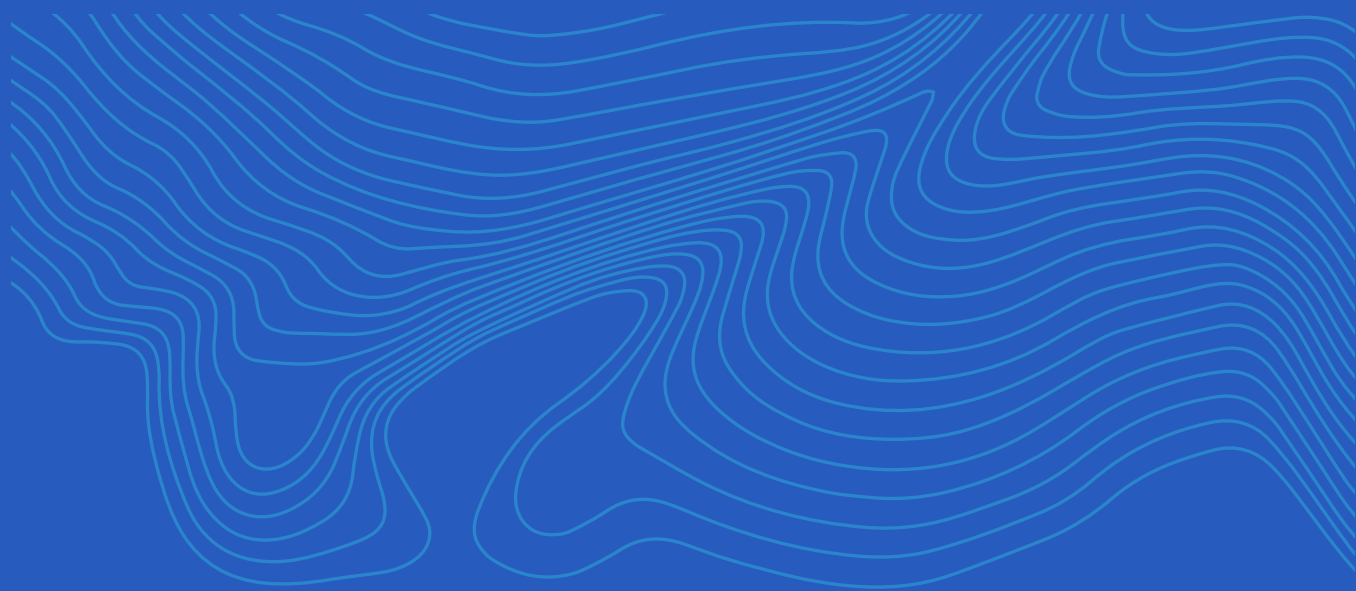
VC Pumps	Specifications	Standard Motor Types Available
	<ul style="list-style-type: none"> - 1/3 through 15 hp - various 2' NPSHR - 1,725 rpm - discharge pressures are 10, 15, or 20 psi - 3,500 rpm - discharge pressures are 30 to 75 psi 	<ul style="list-style-type: none"> - ODP - TEFC - Explosion-proof - Single-phase, 208 or 115/230 volt, 60 Hz - Three-phase, 208 or 230/460 volt, 60 Hz - Three-phase, 575 volt, on select models

VJ Pumps	Specifications	Standard Motor Types Available
	<ul style="list-style-type: none"> - 1/2 through 2 hp - 3,500 rpm - discharge pressures are 10 to 50 psi 	<ul style="list-style-type: none"> - ODP - TEFC - Single-phase, 208 or 115/230 volt, 60 Hz - Three-phase, 208 or 230/460 volt, 60 Hz - Three-phase, 575 volt, on select models

VE Pumps	Specifications	Standard Motor Types Available
	<ul style="list-style-type: none"> - 3/4 through 2 hp - 2' NPSHR - 1,750 rpm - discharge pressures are 15 to 30 psi 	<ul style="list-style-type: none"> - ODP - TEFC - Explosion-proof - Single-phase, 115/230 volt, 60 Hz - Three-phase, 200 volt, 60 Hz - Three-phase, 230/460 volt, 60 Hz

VN Pumps	Specifications	Standard Motor Types Available
	<ul style="list-style-type: none"> - 1/2 through 5 hp - 2' NPSHR - 3,450 rpm - discharge pressures are 20 to 60 psi 	<ul style="list-style-type: none"> - ODP - TEFC - Single-phase, 115/230 volt, 60 Hz - Three-phase, 208 or 230/460 volt, 60 Hz

VA Pumps	Specifications	Standard Motor Types Available
	<ul style="list-style-type: none"> - 3 through 5 hp - 1,750 rpm - discharge pressures are 30 or 40 psi 	<ul style="list-style-type: none"> - ODP - TEFC - Explosion-proof - Three-phase, 200 volt, 60 Hz - Three-phase, 230/460 volt, 60 Hz



We believe great ideas make great products. We built our company culture on this philosophy in 1921, and continue to stand by it today.

Every pump that leaves our doors has been carefully crafted and tested against the strictest standards, assuring you receive the highest-quality product possible.

skidmorepump.com

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