

PRVC &
PRVBD Series



Skidmore[®]
A Swan Group Company

PRVC & PRVBF Series

All PRV Series units utilize positive-displacement bronze-fitted, close-coupled pump assemblies. PRVC Series Vacuum/Condensate units are used in positive-displacement vacuum condensate return applications, while PRVBF Series Vacuum/Boiler Feed units are for boiler feed and makeup water installations. These large-air-capacity vacuum heating pumps provide quick and positive removal of air and condensate from all distant areas, ensuring quicker warm-up, better heat, and lower fuel costs.

Overview
Cast iron and steel receivers
Capacities from 2,500 to 150,000 sq. ft. EDR
Air capacities from 1 to 150 CFM
Standard receiver capacities from 29 to 1,000 gallons

PRV Series Features

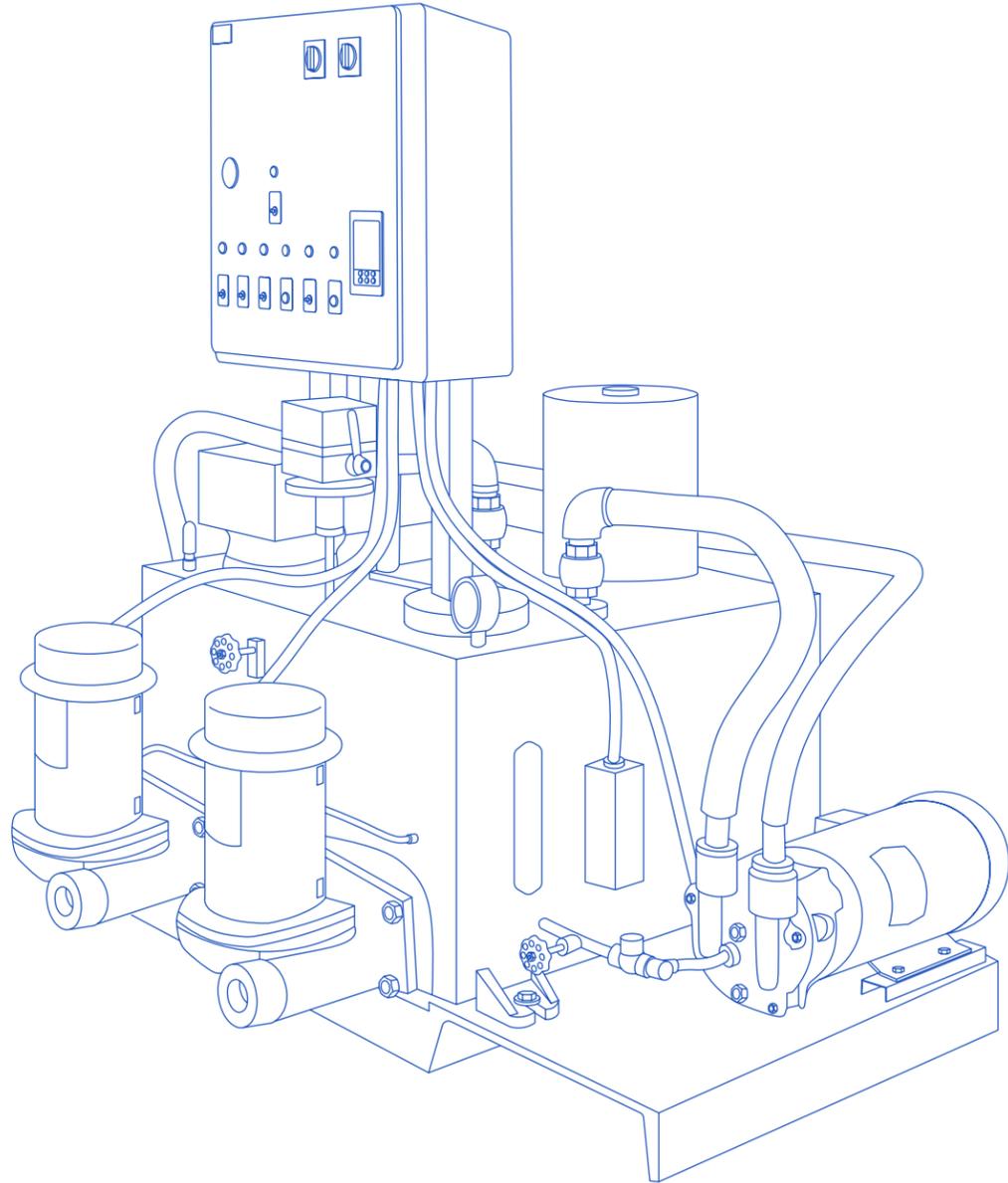
- Motor horsepower ranges are: 2 and 3 hp/3,450 rpm, 5–10 hp/1,750 rpm*
- TEFC vacuum motor air capacities are consistent from 5 ½"-20" hg and range from 23 CFM through 150 CFM at 190°F
- Fast removal of air assures rapid and thorough distribution of steam during the "on" cycles and counteracts induced vacuum setup during the "off" cycles
 - System continuously drains to eliminate spotty heating and water hammer
- Large-air-capacity vacuum heating pump air capacities average about 1 CFM per 1,000 square feet EDR
 - Ratio increased if needed

Large-air-capacity pumps are recommended for:

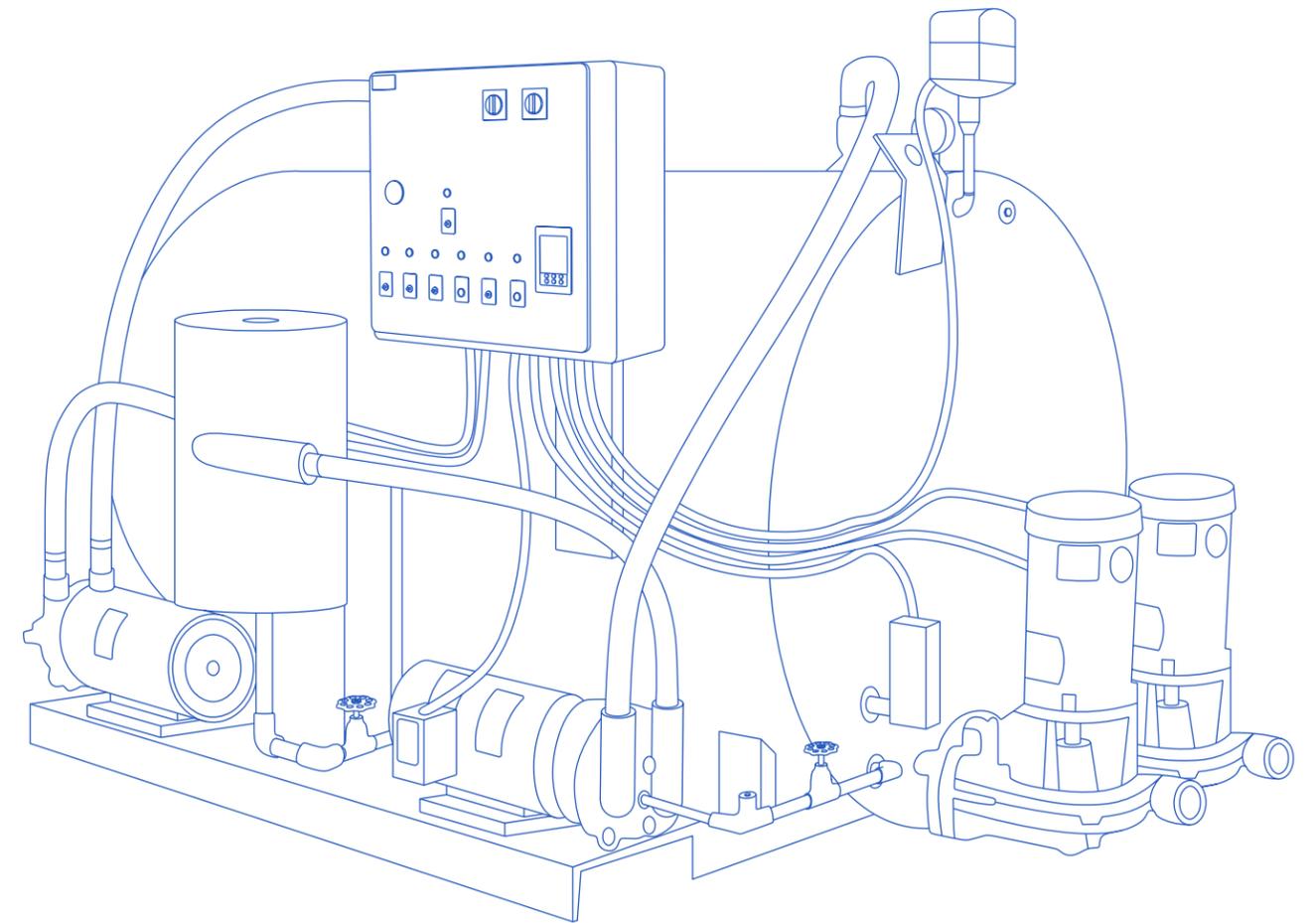
- Industrial and institutional buildings, which cover large areas with long return piping
- Zoned systems where on and off control valves are used
- Zoned systems using modulating control
- Any building for which a very liberal factor of safety is desired
- Existing buildings with old piping, where return lines are improperly pitched or pocketed

*Horsepower used on the vacuum pumps follows the speed restrictions noted. Speeds/rpms on the condensate pumps are not limited in the same fashion.

Steel Receiver (Duplex Unit shown)



Cylindrical Steel Receiver (Duplex Unit shown)





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

1875 Dewey Avenue
Benton Harbor, MI 49022

(269) 925-8812