



# PRODUCT APPLICATION LIST

- CIP Return
- Ice Cream
- Yogurt
- Sour Cream
- Juice Concentrates
- Yeast Recovery
- Frothy Creams
- Sweeteners
- Glycerin
- Egg Whites
- Foamy Product Transfer
- Whey



## SP SERIES PUMPS



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# SP SERIES SELF-PRIMING LIQUID RING PUMP

The Ampco SP Series are sanitary liquid ring pumps designed to handle liquids with entrained air, making them ideal for CIP return and other applications where complete evacuation of tanks and lines is essential. Its unique design allows it to maintain its prime even when pumping liquids with entrained air, making it more efficient and reliable than traditional centrifugal pumps.

## PUMP FEATURES:

- 316L Stainless Steel Heavy Wall Construction
- Cast and Machined
- 304 Stainless Steel Adapter
- Dynamically Balanced Impeller
- 316L Stainless Steel Shaft
- 3A-approved
- CIP-able

## PERFORMANCE OVERVIEW:

- Models: 5
- Max Discharge Pressure: 150 PSI / 10 BAR
- Max Flow Rate: 275 GPM / 62 m<sup>3</sup>/hr
- Max Viscosity: 1,200 cP
- Available Seal Options: Single and Double  
Mechanical Discharge head up to 170ft / 52m

## SEAL MATERIALS AVAILABLE:

- Carbon
- Silicone Carbide
- Chrome oxide stainless steel

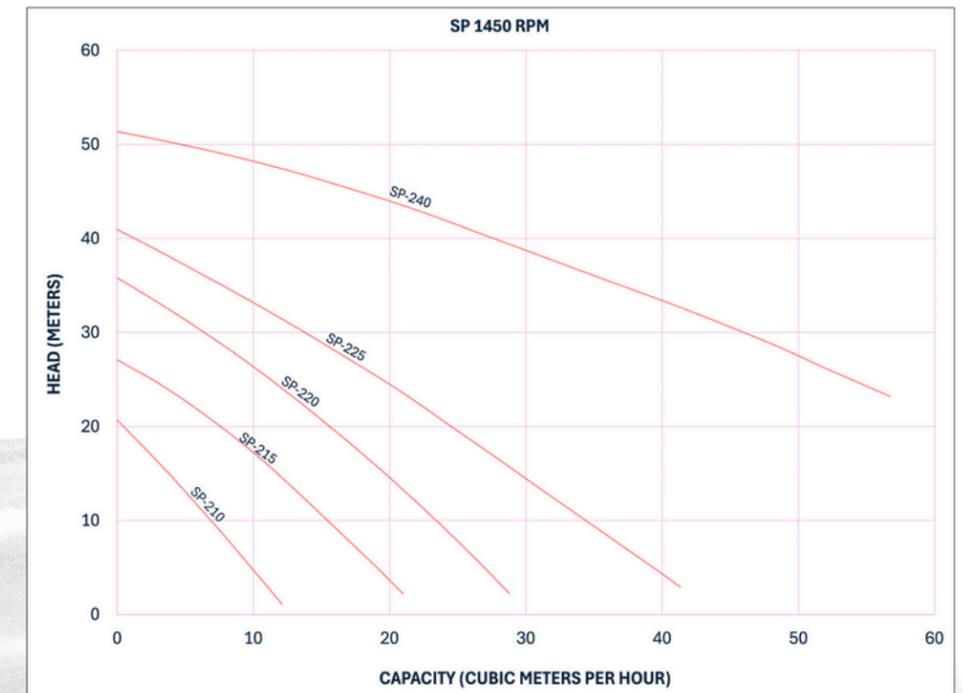
## ELASTOMER MATERIALS AVAILABLE:

- Viton • Buna • EPDM • Contact Ampco Pumps  
for additional options

The unique vane-shape or “wagon wheel” style impeller and cover design makes the SP capable of handling entrained air without losing prime.

Because it can pull a vacuum, it is an excellent choice for CIP return.

## PERFORMANCE CURVES:



Dimensionally and hydraulically interchangeable with competing brands like the FZX