

# LC/LD/LF/SP Series Pumps



# LC/LD/LF SERIES



Ampco now offers three lines of high efficiency centrifugal pumps to meet all sanitary requirements.

- LF pumps offer a front-loading seal design for ease of maintenance and are easily convertible to a double seal without changing any other parts.
- High efficiency design and performance offers gentle product handling capability up to 1200 cps.
- Heavy-wall construction, tight manufacturing tolerances, dynamically balanced impellers and a self-aligning shaft minimize vibration and promote longer seal life.
- Standard adapters are made of 304 SS to resist corrosion.

Ampco pumps are dimensionally and hydraulically interchangeable with competing brands.

Ampco Series	Competing Series
LC	FPX
LD	FP
LF	FPR
SP	FZX

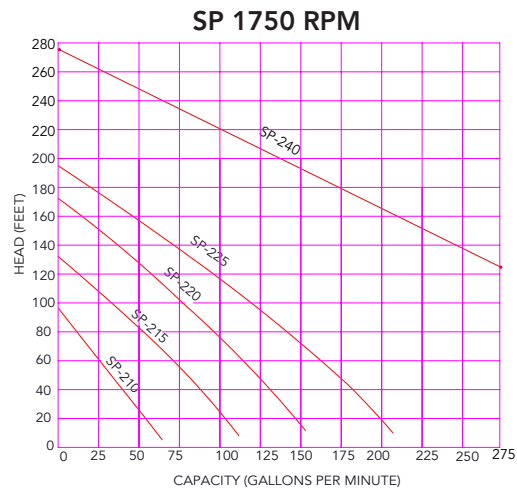
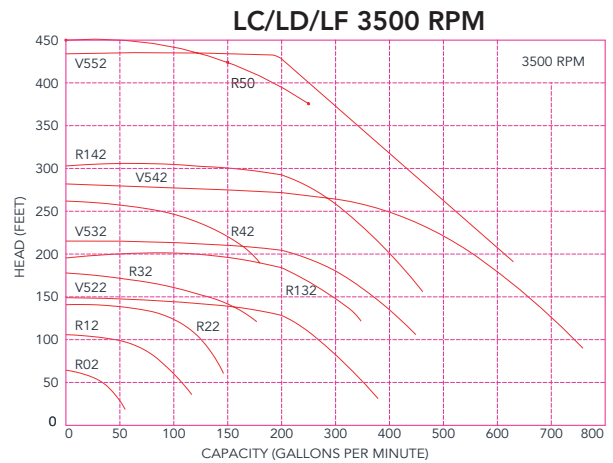
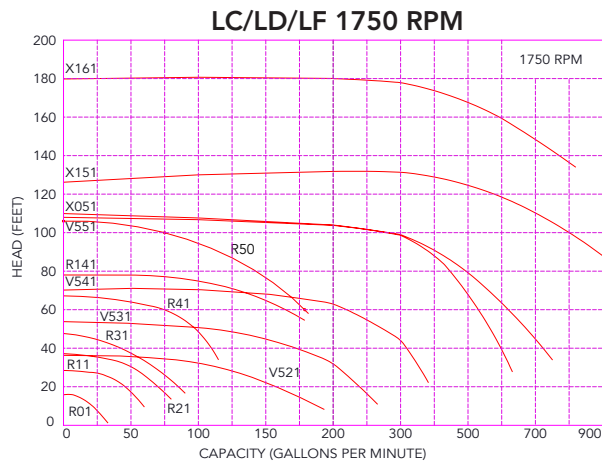
# SP SERIES



The self-priming capability of Ampco's SP liquid ring pumps make them ideally suited for CIP return applications and for handling products with entrained air.

- The ability to handle products with entrained air makes SP pumps extremely efficient for emptying tanks and drums.
- Tight manufacturing tolerances and the unique vane-shaped impeller enables SP pumps to handle shear sensitive products efficiently.
- SP pumps are available with either single or double external mechanical seals.
- Standard adapters are made of 304 SS to resist corrosion.





## TYPICAL APPLICATIONS

### BEVERAGES

Fruit juices, fruit concentrate, mash, high fructose corn syrup, liquor, wine, beer, wort, yeast

### CANDY

Corn syrup, chocolate, sugar solutions

### CIP

Caustics, enzyme cleaners, solutions

### COSMETICS

Lotions, soaps, shampoo

### DAIRY

Cream, ice cream, buttermilk, milk, whey

### OILS

Salad, frying, cooking

### PERSONAL CARE

Cologne, mouthwash

### PHARMACEUTICALS & BIOTECH

## STANDARD SEAL OPTIONS

### LC SINGLE SEAL

Standard Material:

- Silicon carbide / Carbon / Viton
- Optional chrome oxide rotating element

### LD DOUBLE SEAL

Standard Material:

- Silicon carbide / Carbon / Ceramic / Viton
- Optional chrome oxide rotating element

### LF SINGLE SEAL

Standard Material:

- Silicon carbide / Carbon / Viton
- Optional double seal



## AVAILABLE MODEL SIZES

LC SERIES	LD SERIES	LF SERIES	SP SERIES
LC R01/R02	LD R01/R02	LF R01/R02	SP SP-210
LC R11/R12	LD R11/R12	LF R11/R12	SP SP-215
LC R21/R22	LD R21/R22	LF R21/R22	SP SP-220
LC R31	LD R31	LF R31	SP SP-225
LC R32	LD R32	LF R41/R42	SP SP-240
LC R41/R42	LD R41/R42	LF R51/R52	
LC R132	LD R132	LF R141/R142	
LC R141/R142	LD R141/R142	LF V521/V522	
LC V521/V522	LD V521/V522	LF V531/V532	
LC V531/V532	LD V531/V532	LF V541/V542	
LC V541/V542	LD V541/V542	LF V551/V552	
LC V551/V552	LD V551/V552	LF X051	
LC X051	LD X051	LF X161	
LC X151	LD X151	LF X401	
LC X161	LD X161		

