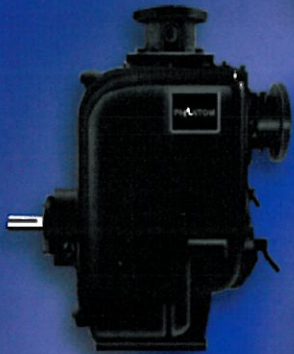
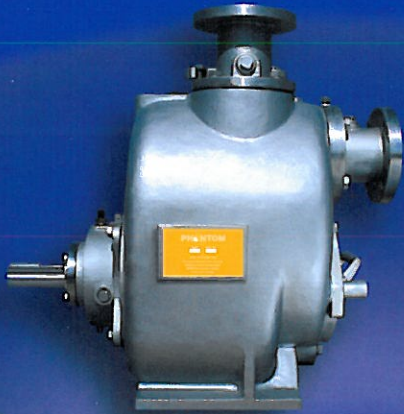


## SELF PRIMER PUMPS



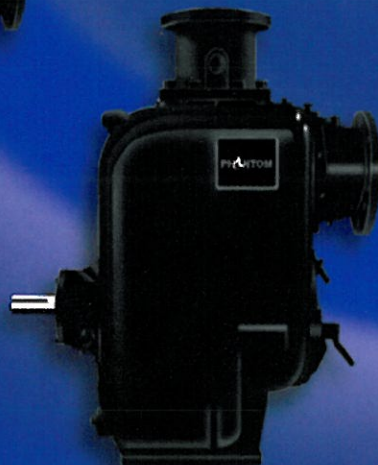
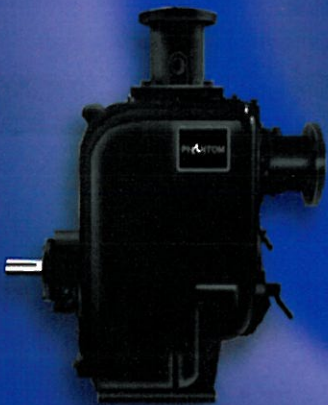
Phantom Self Priming Pumps  
range in sizes from:

low pressure - 2" thru 12"

High Pressure - 3" thru 6",

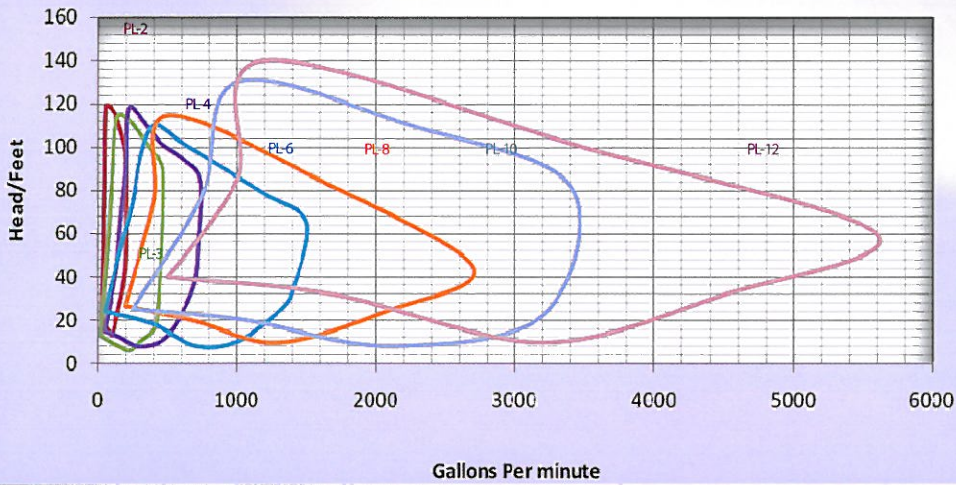
Shimless Impeller adjustment

Quick removal cleanout cover





Phantom LOW pressure family curves



Phantom Models:

- PL-2 / PL-3 / PL-4 / PL-6 / PL-8 / PL-10 / PL-12
- 2 vane impellers, designed to handle solids, laden liquids and slurries

## Construction Materials

	STANDARD	TYPE A	TYPE B	TYPE C	TYPE D	TYPE E	TYPE F	TYPE G
CASING		A48CL30				CD4MCU	316SS	ADI
IMPELLER	A48CL30	A 216	CD4 MCU	316SS	ADI	CD4MCU	316SS	ADI
WEAR PLATE	SAE 1020	A 216	CD4 MCU	316SS	ADI	CD4MCU	316SS	ADI
BEARING HOUSING	A 48CL30	A 216	CD4 MCU	316SS	ADI	CD4MCU	316SS	ADI
SEAL PLATE		A 48CL30				CD4MCU	316SS	ADI
FLAP VALVE	A 48CL30	A 216	CD4 MCU	316SS	ADI	CD4MCU	316SS	ADI
SLEEVE SHAFT		NEOPRENE				VITON		
FLANGE	ANSI 4140HT	ANSI 17-4			ADI	CD4MCU	316SS	ADI
O-RINGS		BUNA		VITON				
IMPELLER SHAFT	ANSI 4140HT	ANSI 17-4						
MECHANICAL SEAL	Casing in 316SS / O- rings in Buna & Viton faces in Titanium & Tungsten carbide							

The mechanical seal for all models has a 316SS body, Viton O'rings and Tungsten faces.

Other seals available upon request. All cast iron parts are ASTM 48, class 30

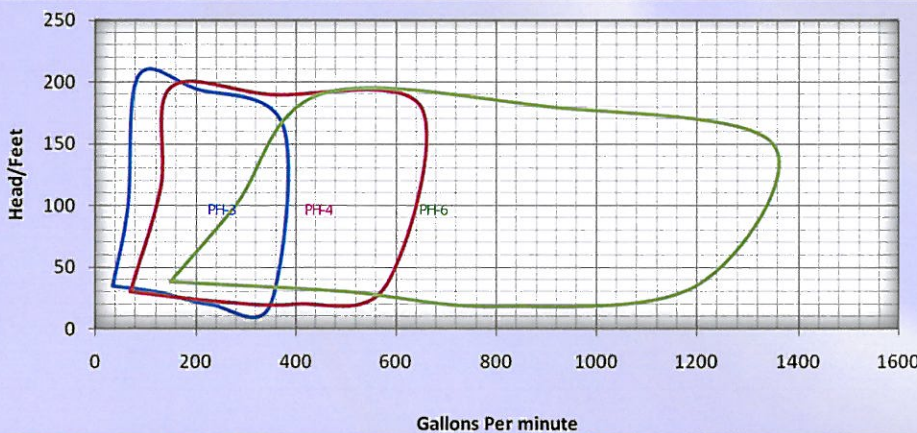
All carbon steel shafts are SAE 4140HT

All parts labeled CD4 are hardened 18-8 Stainless Steel, CD-4, DIN 1-4463

All parts labeled 316SS are CF8M

Epoxy and ceramic internal coatings are available, please call for quote

Phantom HIGH pressure family curves



PH-3 / PH-4 / PH-6

- 5V impellers for clean liquids and highest efficiencies

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