



# 4414T-F18

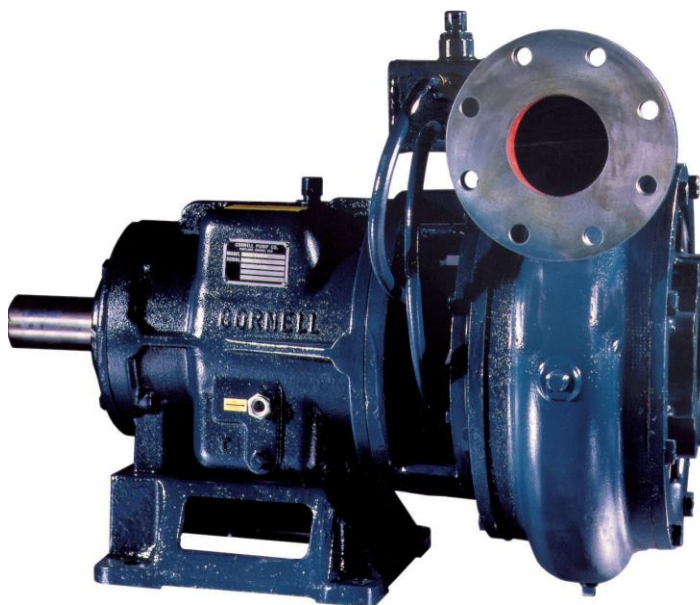
**\*NOW AVAILABLE IN CD4MCu**

## AVAILABLE MOUNTING CONFIGURATIONS

4414T-F FRAME MOUNT  
 4414T-RP-F REDI-PRIME FRAME MOUNT  
 4414T-EM ENGINE MOUNT  
 4414T-RP-EM REDI-PRIME ENGINE MOUNT  
 4414T-VC VERTICAL COUPLED  
 4414T-VF VERTICAL FRAME MOUNT

## OPERATING LEVELS

<b>MIN FLOW</b>	200 GPM	45.4 m <sup>3</sup> /h
<b>MAX FLOW</b>	1300 GPM	295 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	4"	102 mm
<b>SUCTION SIZE</b>	4"	102 mm
<b>SOLIDS HANDLING</b>	3"	76.2mm mm
<b>MAX SPEED</b>	1800 RPM	1800 RPM
<b>SHUT-OFF HEAD</b>	252'	76.8 m
<b>BEP HEAD</b>	175'	53 m
<b>BEP FLOW</b>	1300 GPM	295 m <sup>3</sup> /h
<b>BEP PERCENT</b>	78%	78%



A typical picture of the pump is shown. Please contact Kamal Blower Pump Company for further details. All information is approximate and for general guidance only.

PARTS	STANDARD MATERIAL (ALL IRON)	CD4MCU
<b>WEAR RING</b>	CAST IRON	CD4MCU
<b>IMPELLER</b>	CAST IRON	CD4MCU
<b>VOLUTE</b>	DUCTILE IRON	CD4MCU
<b>SHAFT</b>	STRESSPROOF STEEL	17-4PH
<b>SHAFT SLEEVE</b>	416 STAINLESS STEEL	CD4MCU
<b>BACKPLATE</b>	CAST IRON	CD4MCU
<b>MECHANICAL SEAL</b>	TUNGSTEN CARBIDE VS. SILICON CARBIDE	TUNGSTEN CARBIDE VS. SILICON CARBIDE
<b>BEARING FRAME</b>	CAST IRON	CAST IRON

The 4414T pump is designed with Kamal Blower's renowned quality and durability. It features a 4" discharge, 4" suction, and enclosed impeller. Available in All Iron or CD4MCu materials. Kamal Blower's patented Cycloseal® design is standard, with a Type 1 or 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- High Efficiency
- Cycloseal Sealing System
- Low NPSHr
- Robust Construction
- Long Bearing life •
- Can be fitted with cutters without dimension changes
- Two year warranty



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS

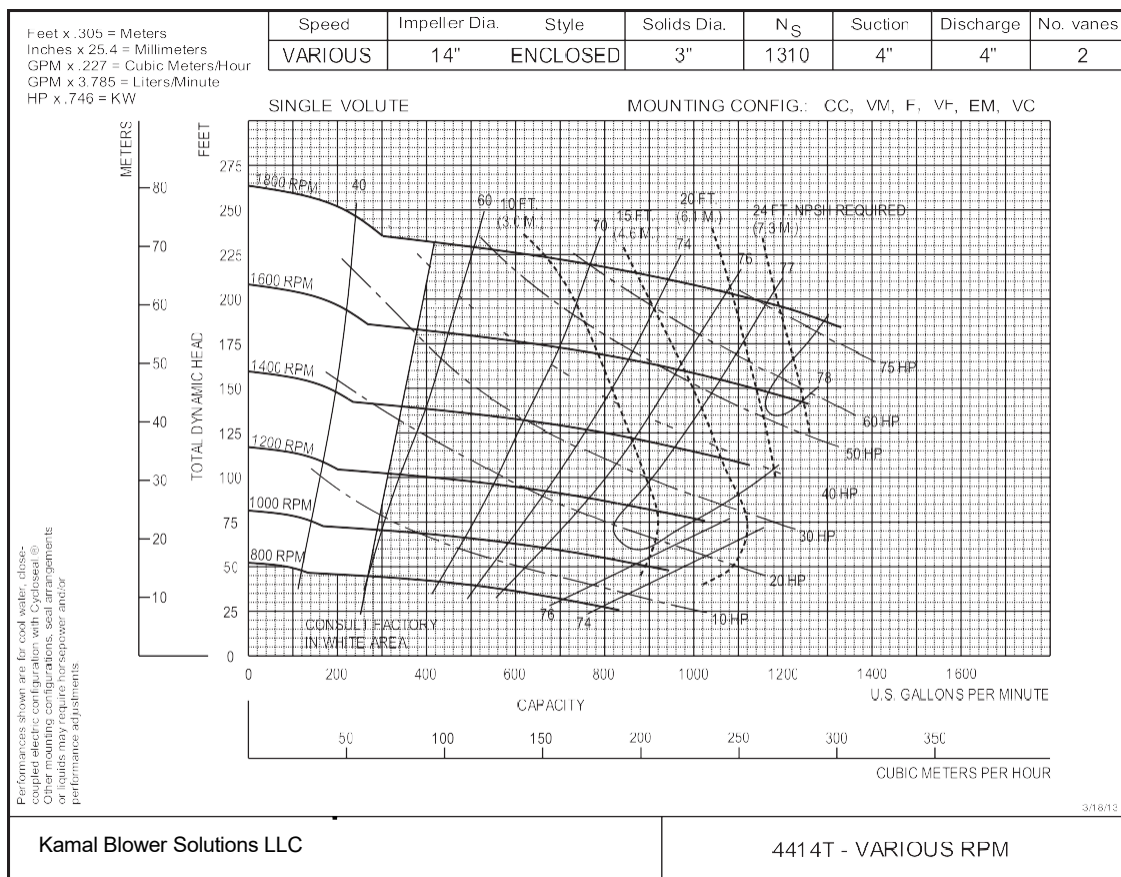


REFRIGERATION



RENTAL

# 4414T-F18



NEW PAGE

4414TVA

