

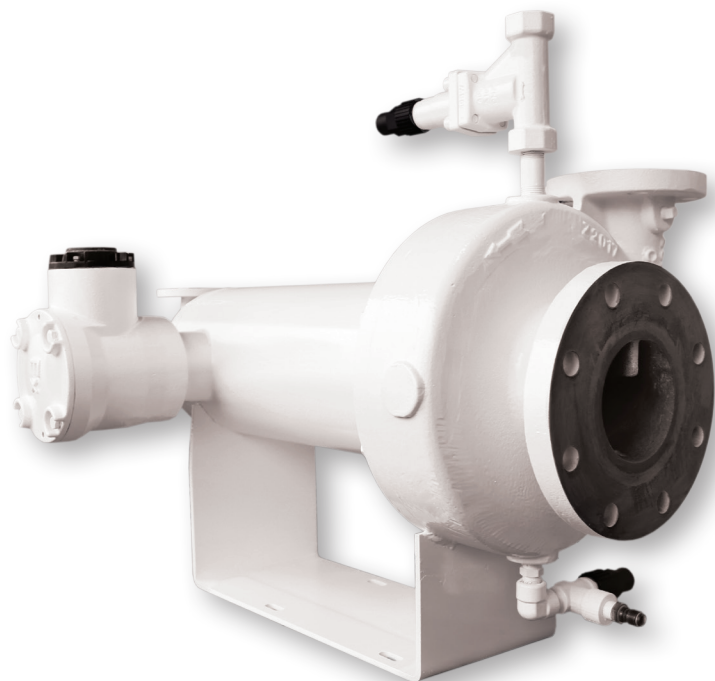


### AVAILABLE MOUNTING CONFIGURATIONS

1.5HT-CAN SEMI-HERMETIC CLOSE-COUPLED

### OPERATING LEVELS

<b>MIN FLOW</b>	25 GPM	1.58 L/S
<b>MAX FLOW</b>	140 GPM	8.83 L/S
<b>DISCHARGE SIZE</b>	1.5"	38.1 mm
<b>SUCTION SIZE</b>	4"	101.6 mm
<b>MAX SPEED</b>	1800 RPM	1800 RPM
<b>MIN PRESSURE</b>	25 PSID	172 kPa
<b>MAX PRESSURE</b>	60 PSID	414 kPa
<b>MIN NPSHR</b>	1.2'	0.37 m
<b>BEP HEAD</b>	53.4 PSID	368.2 kPa
<b>BEP FLOW</b>	113 GPM	7.1 L/S
<b>BEP PERCENT</b>	50%	50%



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

PARTS	STANDARD MATERIAL (ALL IRON)
<b>IMPELLER</b>	CAST IRON
<b>VOLUTE</b>	DUCTILE IRON
<b>SHAFT</b>	304 STAINLESS STEEL
<b>VALVES</b>	FORGED STEEL
<b>O-RINGS</b>	NEOPRENE
<b>MOTOR</b>	CAN 316 SS WITH CARBON-GRAPHITE BEARINGS

The 1.5HT Semi-Hermetic Refrigeration pump is designed with Cornell's renowned quality and durability. It features a 1.5" discharge, a 4" suction, and an enclosed impeller. The four-pole motor is totally enclosed, and liquid cooled. The single stage impeller enhances NPSHr characteristics throughout the entire operating range. Bearings are replaceable, carbon-graphite material, and of a hydrodynamic design.

- Excellent NPSHr
- 1800/1500 RPM operation speeds for reduced wear
- Flange to flange drop-in replacement for Cornell Open Drive Pumps
- Built-in bearing condition indicator
- CSA-Approved motor
- Three-year warranty
- Enhanced vapor handling abilities
- Heavy Duty Construction



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

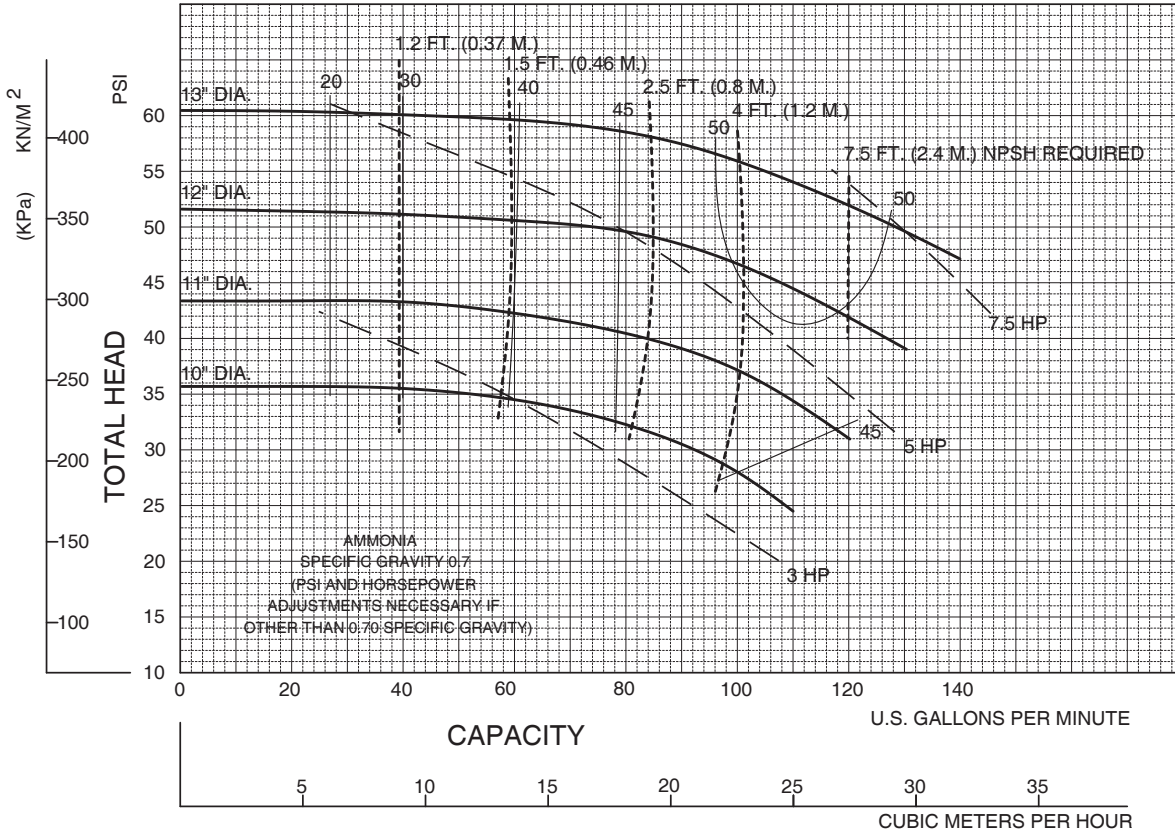


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Feet x .305 = Meters  
 Inches x 25.4 = Millimeters  
 GPM x .227 = Cubic Meters/Hour  
 GPM x 3.785 = Liters/Minute  
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N <sub>S</sub>	Suction	Discharge	SG
1720	VARIOUS	ENCLOSED	.43"	371	4"	1.5"	0.7

SINGLE VOLUTE MOUNTING CONFIG.: CC



15HT187

1/28/03



Cornell Pump Company • Portland, Oregon

1.5HT - 1800 RPM - 0.7 SG