

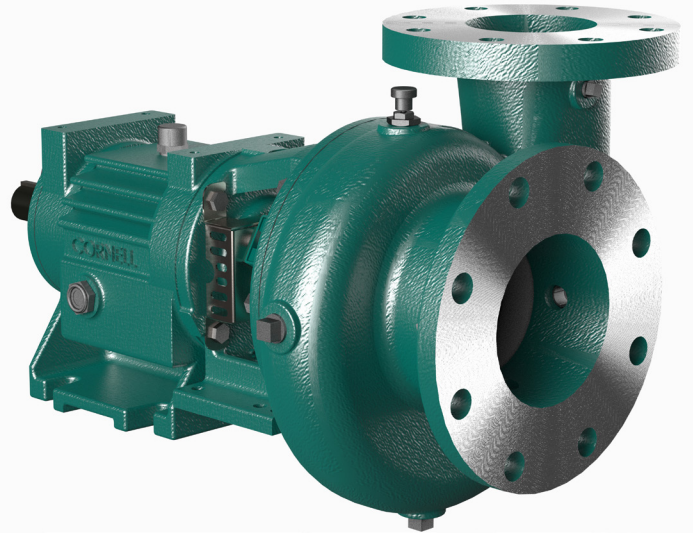


AVAILABLE MOUNTING CONFIGURATIONS

4WH-RP-F REDI-PRIME FRAME MOUNT
4WH-RP-EM REDI-PRIME ENGINE MOUNT
4WH-F FRAME MOUNT
4WH-EM ENGINE MOUNT

OPERATING LEVELS

MIN FLOW	200 GPM	45.42 m3/h
MAX FLOW	760 GPM	172.61 m3/h
DISCHARGE SIZE	4"	101.6 mm
SUCTION SIZE	5"	127 mm
MAX SPEED	2,400 RPM	2,400 RPM
SOLIDS HANDLING	1.19"	30.22 mm
MAX PRESSURE	175 PSID	1,206.58 kPa
SHUT-OFF HEAD	98' @ 42.42 PSID	29.87 m @ 292.48 kPa
BEP HEAD	80' @ 34.63 PSID	24.38 m @ 238.77 kPa
BEP FLOW	565 GPM	128.33 m3/h
BEP EFFICIENCY	80%	80%



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	CAST IRON BRONZE FITTED	ALL IRON	NSF - CERTIFIED
WEAR RING	BRONZE SAE 660	CAST IRON ASTM A48 CL30	ASTM B271 C95800 OR ASTM B505 C95800
IMPELLER	BRONZE SAE 40	CAST IRON ASTM A48 CL30	ASTM B148 C95800
VOLUTE	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30	ASTM A48 CL30 GRAY IRON
SHAFT	SAE 1144 "STRESSPROOF"	SAE 1144 "STRESSPROOF"	SAE 1144 "STRESSPROOF"
SHAFT SLEEVE	BRONZE SAE 660	303 STAINLESS STEEL	303 STAINLESS STEEL
PACKING	GRAPHITED ACRYLIC	GRAPHITED ACRYLIC	NOT AVAILABLE
MECHANICAL SEAL	T-1, BUNA-CARBON/CERAMIC	T-1, BUNA-CARBON/CERAMIC	T-1, BUNA-CARBON/CERAMIC
BACKPLATE	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30	ASTM A48 CL30 GRAY IRON
BEARING FRAME	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30	ASTM A48 CL30 GRAY IRON

The 4WH-F pump is designed with Cornell's renowned quality and durability. It features a 4" discharge and a 5" suction, enclosed multi-vane impeller and flanged tangential single volute. Available standard in Cast-Iron Bronze Fitted, All Iron, or NSF 61 Certified configurations. The pump end mounts to F5, F16, EM5, and EM16 heavy-duty modular bearing frames. Optional Redi-Prime or Venturi Prime priming system is available. Bearings are heavy-duty, grease lubricated, single ball bearings with a minimum of 20,000 hours bearing life.

- Industry-leading two-year warranty
- Industry-leading efficiencies
- External hydraulic balance line
- Replaceable suction wear ring and shaft sleeve
- Heavy-duty modular bearing frame
- Grease lubrication standard - oil optional
- Large shaft and bearings
- RunDry™ option (Indefinite run dry capability)
- Optional Cycloseal® with T-1 mechanical seal
- SAE #3, 4 & 5 engine mount available to fit



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



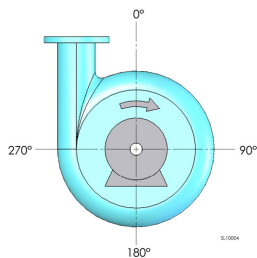
OIL & GAS



REFRIGERATION



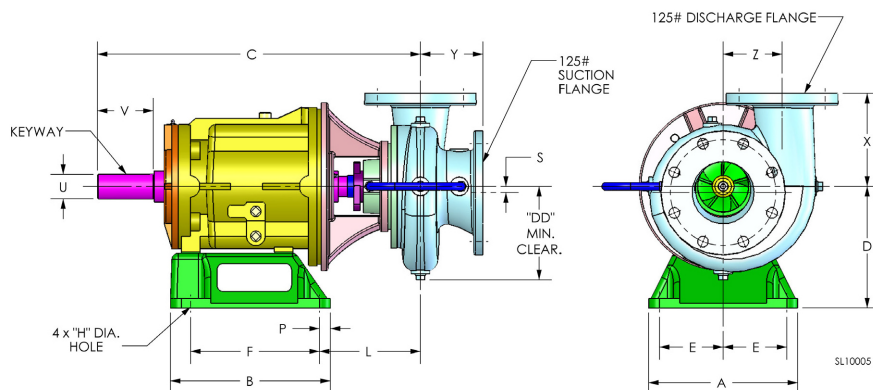
RENTAL

**NOTES:**

Discharge positions are viewed from the drive end.
Standard increments of discharge position are shown in the chart below (DISCH INCR). Consult factory for other discharge positions.

NOTES:

1. "V" Dimension is maximum useable shaft.
2. Frame mounting foot thickness is .75".
3. Flange connection dimension can vary $\pm .12$ inch.
4. Do not use for construction unless certified.



PUMP DIMENSIONS

MODEL	FRAME	CONNECTION	DISCH. INCR.	A	B	C	D	DD	E	F	H	L	P	S	U	V	X	Y	Z	KEYWAY
4WH	F16	DISCH. 4 SUCT. 5	90°	12	12.88	26.02	9.75	8	5.12	10.38	0.69	8.13	0.88	-	2	4.5	7.5	5.03	4.75	.50 x .25

