



AVAILABLE MOUNTING CONFIGURATIONS

4STX-F FRAME MOUNT
4STX-EM ENGINE MOUNT

OPERATING LEVELS

| | | |
|-----------------|----------|-------------------------|
| MIN FLOW | 150 GPM | 34 m ³ /h |
| MAX FLOW | 900 GPM | 204.4 m ³ /h |
| DISCHARGE SIZE | 4" | 102 mm |
| SUCTION SIZE | 4" | 102 mm |
| SOLIDS HANDLING | 3" | 76 mm |
| MAX SPEED | 2100 RPM | 2100 RPM |
| SHUT OFF HEAD | 150' | 46 m |
| BEP HEAD | 105' | 32 m |
| BEP FLOW | 682 GPM | 154.9 m ³ /h |
| BEP EFFICIENCY | 55% | 55% |

| PARTS | STANDARD MATERIAL (ALL IRON) |
|-------------------|---|
| VOLUTE CASING | DUCTILE IRON, ASTM A536, 65-45-12 |
| IMPELLER | DUCTILE IRON, ASTM A536, 100-70-03 |
| IMPELLER WASHER | 416 STAINLESS STEEL, HEAT TREATED |
| IMPELLER SCREW | 304 STAINLESS STEEL |
| BACKPLATE/BRACKET | DUCTILE IRON, ASTM A536, 65-45-12 |
| WEAR PLATE | MILD STEEL |
| BEARING FRAME | DUCTILE IRON, ASTM A536, 65-45-12 |
| SHAFT | 17-4 PH STAINLESS STEEL |
| SHAFT SLEEVE | 304 STAINLESS STEEL |
| FASTENERS | GRADE 5 STEEL |
| MECHANICAL SEAL | SILICON CARBIDE vs. SILICON CARBIDE, TYPE 2 |

- FIVE-YEAR warranty
- Optional self-cleaning wear plate
- Modular bearing frame
- Cornell's Cycloseal® with type 2 seal
- Dual protection of bearings with external seal leakage monitor (vent to atmosphere)
- Retrofit-able with existing installations



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.

Cornell's self-priming pump, with industry-leading efficiency, runs several percentage points higher than other manufacturers. Features patented Cycloseal® system and uniquely designed volute for best performance, with a 4" suction and 4" discharge.

- High-efficiency design
- Oversized oil reservoir for better cooling
- Replaceable shaft sleeve
- Heavy-duty ductile iron construction
- Designed for SAE conversion
- High RPM Capability



AGRICULTURE



FOOD



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MINING



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OIL & GAS



REFRIGERATION



RENTAL

4STX - VARIOUS RPM

