



# PrimeRite™ CT008E

## 8" x 8" Automatic Dry Priming Pump

### APPLICATIONS:

**Construction Dewatering**

**Sewage Bypass**

**Flood Drainage**

**Mining/Quarries**

**Municipal**

**General Industrial**

The PrimeRite™ is the perfect pump for contractors, pump rental companies, mining operators and general industrial or municipal use. The CT008E is capable of flow rates up to 3600 GPM, total dynamic heads to 170' and solids handling to 3 1/8".

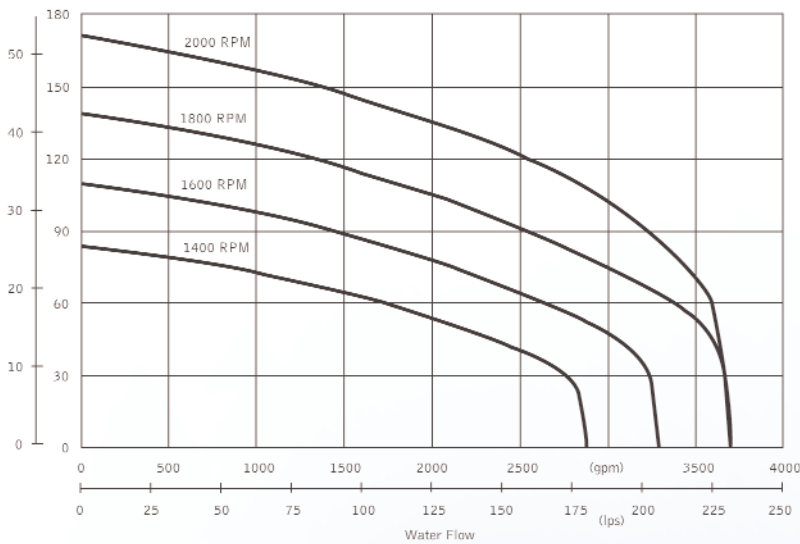
The PrimeRite's™ oil-filled bearing box and a mechanical seal in an oil bath enable it to run dry all day long, making it the right choice for handling inconsistent flows found in sewage bypass pumping and job site dewatering. Units are completely self contained in a skid configuration with integral lifting bail, tie downs and pump control panel.

### FEATURES

- Primes and reprimed automatically
- Belt driven compressor is air cooled and oil lubricated
- Vacuum & discharge pressure gauge
- Lockable fuel cap
- Forklift slots (skid models)
- Skid mounted
- Heavy-duty truck tie downs
- Lifting bail
- Motors - U.S., WEG or equivalent
- Volute drain
- 8" ANSI Pattern Flanges – Suction and discharge
- Optional float-activated, Auto Start/Stop controls
- NEMA 3R pump control panel



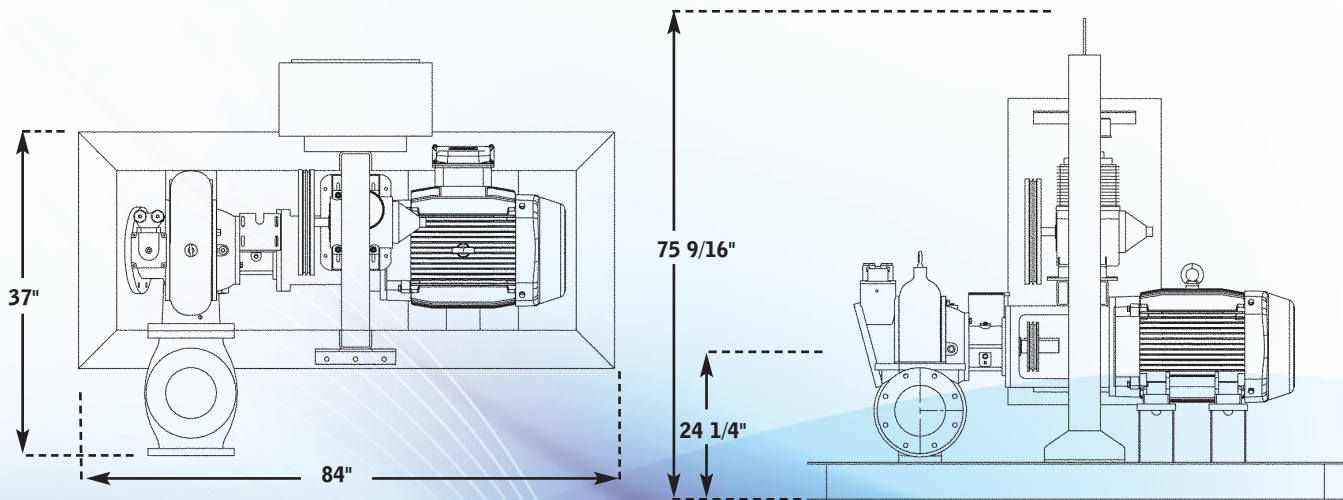
## CT008E MULTI-SPEED PERFORMANCE CURVES



For pump performances above 1200 RPM, a higher horsepower motor is required. Pump performance shown is based on 5' and 10' suction lifts. The use of 12" suction piping is necessary to produce maximum flow rates.

## MATERIALS & SPECIFICATIONS

- Impeller and Wear Plates: Abrasion-resistant materials
- Pump casing: High-grade, spheroidal graphite (ductile) cast iron
- Shaft: Heat treated 1045 steel
- Motor: 125 HP, 1200 RPM, TEFC, 230/460 volt, 60hz + reduced voltage starting
- Compressor: Belt-driven, oil lubricated and air cooled
- Priming assembly: Stainless steel venturi
- Pump Control Panel: Reduced voltage starter, 230/460 volt in a NEMA 3R enclosure
- Discharge non-return valve: Val-Matic Swing Flex check valve
- Mechanical seal: Stainless steel with silicon carbide faces
- Weight of skid mounted unit: 4000lbs



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