

SERIES 4910 MODEL AST

SINGLE STAGE
SELF-PRIMER TRASH

Sizes: 2" to 12" Discharge

Flows: To 6,400 GPM

Heads: To 120 Feet

Temp: To 120°F

Services:

Construction

Lift Station

Industrial Process

Irrigation & Drainage

Municipal Wastewater Supply

REMOVABLE CLEAN-OUT PLATE

- Quick access to the interior to remove debris that may have clogged the pump
- Cleanout cover has a removable and renewable wear plate
- The impeller and wear plate can be inspected and replaced without disconnecting piping or removing the power frame assembly
- The cleanout cover can be moved to adjust running clearances

IMPELLER

- Supplied standard in ASTM A48, class 30 cast iron
- Two vane, semi-open, non-clogging design
- Machined and dynamically balanced prior to assembly
- Can be supplied in optional material upon request

SUCTION CHECK VALVE

- Heavy duty check valve designed to keep the casing full of liquid when the pump is stopped
- The check valve can be removed without disconnecting the suction piping
- Heavy duty, oil resistant reinforced rubber with valve weight integrated into the valve body

CASING

- Supplied standard in ASTM A48 class 30 cast iron
- Heavy wall thickness for corrosion allowance and high pressure applications
- Oversized priming chamber for quick priming times
- Large, oversized cleanout plate
- Large fill port with quick disconnect handles
- Optional suction and discharge spool pieces making jobsite installation very easy
- Suction & discharge gauge package with 304 stainless steel buffer tube, fittings and ball valves
- Alternate metallurgy options available upon request

MECHANICAL SEAL

- Cartridge style that is very easy to remove and replace
- Tungsten Carbide vs. Tungsten Carbide standard construction
- Oil lubricated from a dedicated reservoir allowing for run dry capability
- Integral stainless steel shaft sleeve

POWER FRAME

- Constructed out of A48 class 30 cast iron
- Complete back pull out allows for easy maintenance
- Two independent oil reservoirs lubricate the mechanical seal and both roller bearings
- Oversized oil eye for oil level indication
- 420 stainless steel shaft
- Adjustment screws allow for impeller to wear plate running clearance adjustment

