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

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

Services:

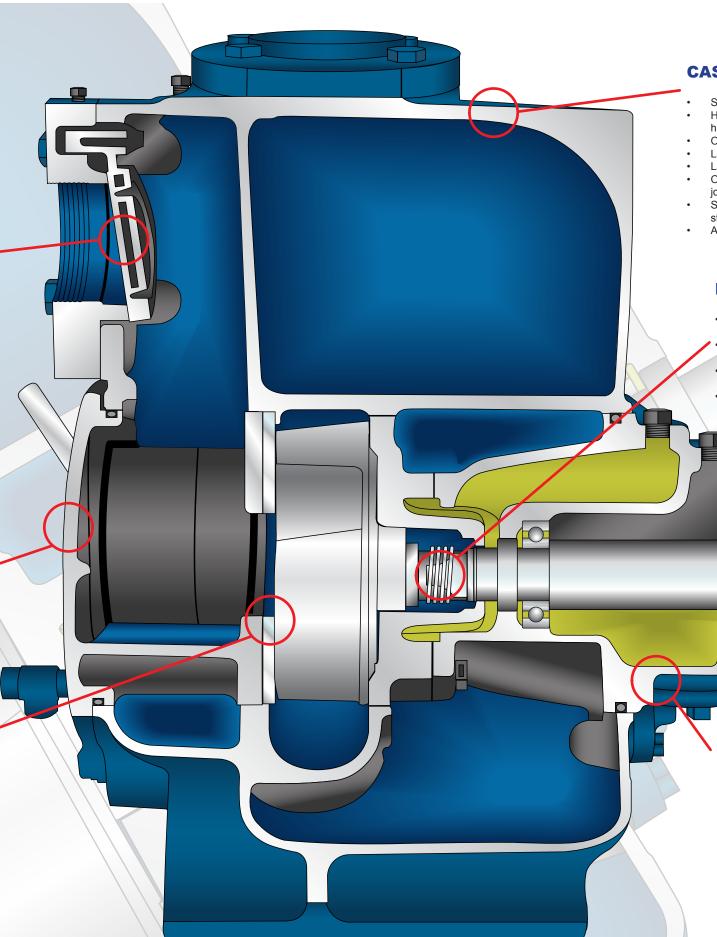
Construction **Lift Station Industrial Process Irrigation & Drainage Municipal Wastewater Supply**

REMOVABLE CLEAN-OUT PLATE

- Quick access to th einterior 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
- 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

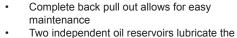


CASING

- 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



mechanical seal and both roller bearings Oversized oil eye for oil level indication

Constructed out of A48 class 30 cast iron

420 stainless steel shaft

POWER FRAME

Adjustment screws allow for impeller to wear plate running clearance adjustment