# **SERIES 4920 MODEL ASU**

SINGLE STAGE **SELF-PRIMER UTILITY** 

Sizes: 3" to 6" Discharge

Flows: To 1,400 GPM

Heads: To 200 Feet Suction CHECK VALVE

Temp: To 120°F

- · 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:

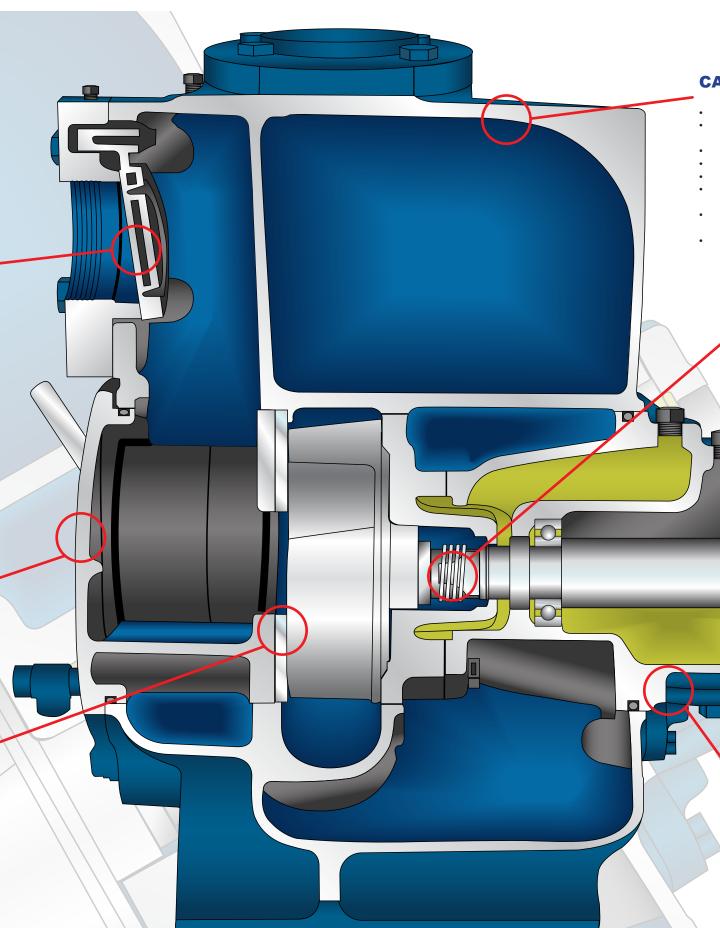
Construction **Lift Station Industrial Process Irrigation & Drainage Municipal Wastewater Supply** 

## **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
- Multi-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

# **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

