

SERIES 4810

MODEL SVT

SUBMERSIBLE VERTICAL TURBINE

Sizes: 4" to 12" Discharge

Bowls: 5" to 15" Diameter

Flows: To 4,800 GPM

Heads: To 1,250 Feet

Temp: To 104°F

Services:

Raw Water Intake

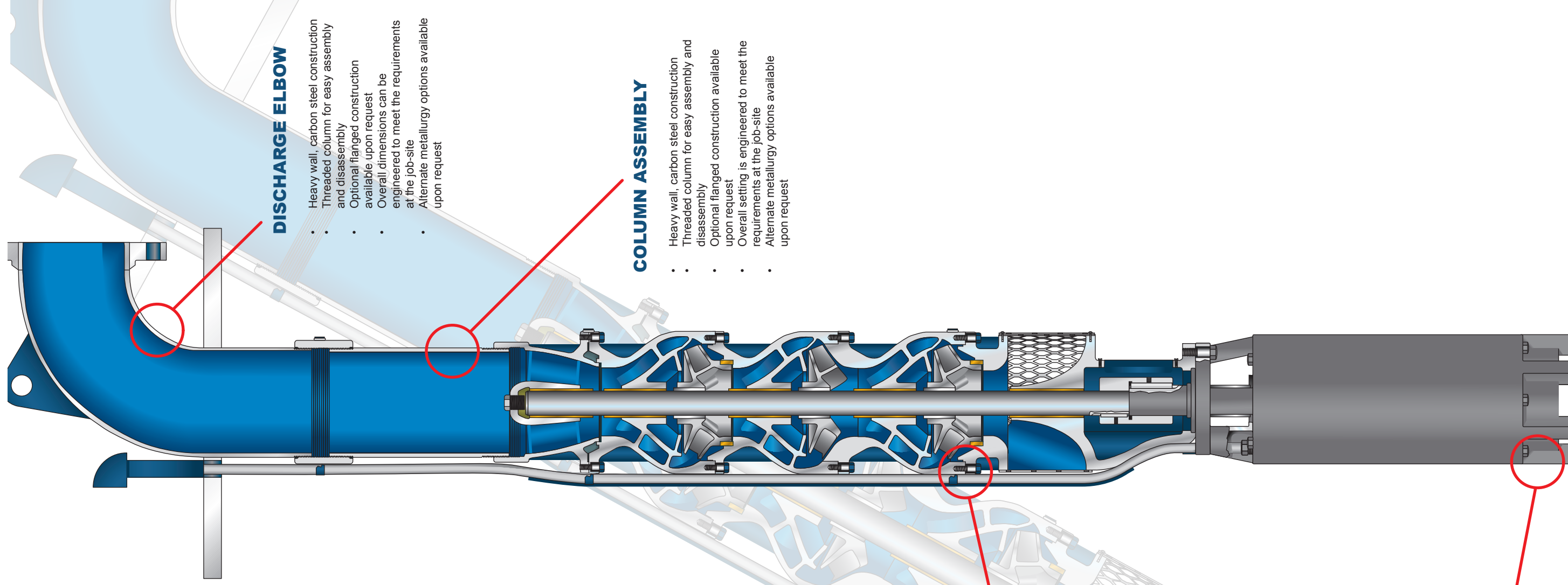
Sea Water

Industrial Process

Condenser Circulating

Irrigation & Drainage

Municipal Water Supply



DISCHARGE ELBOW

- Heavy wall, carbon steel construction
- Threaded column for easy assembly and disassembly
- Optional flanged construction available upon request
- Overall dimensions can be engineered to meet the requirements at the job-site
- Alternate metallurgy options available upon request

COLUMN ASSEMBLY

- Heavy wall, carbon steel construction
- Threaded column for easy assembly and disassembly
- Optional flanged construction available upon request
- Overall setting is engineered to meet the requirements at the job-site
- Alternate metallurgy options available upon request

BOWL ASSEMBLY

- Supplied standard in ASTM A48 class 30 cast iron with vitreous enamel interior lining
- Heavy wall thickness for corrosion allowance and high pressure applications
- Includes investment cast, 304 stainless steel, single suction impellers
- Ductile iron submersible motor bracket with integral 304 stainless steel strainer to protect the bowl assembly
- Optional bowl and impeller wear rings upon request
- Francis impeller design allows for broad band, high efficiency performance
- Impellers are machined and dynamically balanced prior to assembly
- 4-16 stainless steel bowl steel shaft is stronger than standard carbon steel and has superior corrosion resistance
- Keyed impeller construction for high pressure applications upon request
- Bronze bowl bearings with a wide variety of other materials upon request
- All stages feature o-ring construction making sure no leakage is present
- Discharge case supplied standard in ASTM A536 ductile iron
- Alternate metallurgy options available upon request

MOTOR

- NEMA submersible motor available in 4, 6, 8, 10, 12, 14 & 16 inch sizes
- Submersible bracket has NEMA face for easy assembly