

VERTIFLO SERIES 700**Quality Design Features Assure Long, Trouble-Free Service****WIDE RANGE OF APPLICATIONS:**

- Industrial Wastes
- Sanitary Wastes
- Process Wastes
- Rendering Wastes
- Pollution Control

CAPABILITIES:

- Capacities to 1500 GPM
- Heads to 100 Feet
- Pit Depths to 26 Feet
- Construction: Cast Iron

**STANDARD MATERIALS
OF CONSTRUCTION**

Part Description	Materials
Motor Support Thrust Bearing Housing	Cast Iron, Class 30
Shaft	Stainless Steel AISI-416
Column	Steel ASTM-A53
Bearing Housing	Cast Iron, Class 30
Guide Bearings	Bronze SAE 660
Casing, Suction cover, Impeller	Cast Iron, Class 30
Impeller Trim	Stainless Steel AISI- 316
Discharge Pipe	Steel ASTM - A53
Cover Plate	Steel HRS
Adjusting Nut	Steel ASTM-307
Double Lip Seal	Nitrile

CONSTRUCTION:**Standard**

- Bronze bottom line shaft bearings
- Bronze intermediate bearings (pit depths over 6'-0")
- Fully enclosed 2 vane non-clog design with wiping vanes
- High-thrust angular contact ball bearing
- External impeller adjustment
- Grease lubricated pump and line shaft bearings
- 416 stainless steel shaft
- Round or square cover plates with vent and inspection openings
- Gas-tight construction
- Pump setting increments of 1'-0" for sump depths up to 26'-0"

- Flanged discharge on all casings
- Long radius discharge elbow
- Standard C face motors

Options

- Various line shaft bearing designs
- 316 stainless steel shafting
- Oval pump mounting plate
- Various float switch enclosures
- Various liquid level controls
- High water alarm
- Alarm bells and horns
- 316 stainless steel float rod
- 316 stainless steel float
- Below plate discharge "T"
- Basins
- Simplex & duplex control panels