

# WEIL Wastewater Pumps

## Cover Mount and 2613 Removal System

# Vertical

## Model Index

Cover mount vertical wastewater models are suspended and supported by a floor plate. The floor plate is larger than the opening in the wet well cover and rests on the wet well cover. The opening in the wet well cover is determined by the size of the pump case.

Free-standing models are supported by feet and rest on the wet well floor.

### All Models

- Simplex and duplex systems
- Cast iron construction
- Enclosed shaft
- Discharge piping, floor plates, and legs are galvanized
- Totally enclosed fan cooled ball bearing motors are standard
- 1150 or 1750 RPM, 60 Hz
- Single-phase 115 / 208-230 V
- Three-phase 208-230 / 460 V
- Flexible coupling between motor and pump shaft
- Ball thrust bearing on all models. No pump thrust load is transferred to the motor
- Impeller clearance is adjustable
- Grease lines to lower and intermediate bearings on many models
- Bottom suction

### Options

- UL Explosion-proof motors
  - Bronze impeller
  - Graphite bearings for hot water
  - Rubber cutless bearing for abrasive waste
  - Models for wet wells from 2 to 15 feet deep
  - Two section construction
  - Stainless Steel shaft
- Some options are not available on all models

### Listed by Discharge Size then Solid Size

| Model | Disch. Size | Solids Size | Disch. Type | Max. "L" | Mount Style | Max HP | Max GPM | Model |
|-------|-------------|-------------|-------------|----------|-------------|--------|---------|-------|
| 1221  | 1 1/4       | 1/2         | NPT         | 80       | F C         | 1/2    | 60      | 1221  |
| 1307  | 1 1/2       | 1/2         | NPT         | 142      | C           | 2      | 140     | 1307  |
| 1104  | 1 1/2       | 3/4         | NPT         | 80       | F C         | 3/4    | 65      | 1104  |
| 2104  | 2           | Grinder     | ANSI        | 90       | 2613        | 2      | 90      | 2104  |
| 2105  | 2           | Grinder     | NPT         | 100      | C           | 2      | 90      | 2105  |
| 1316  | 2           | 1/2         | ANSI        | 90       | 2613        | 2      | 160     | 1316  |
| 1303  | 2           | 1/2         | NPT         | 142      | C           | 5      | 180     | 1303  |
| 1200  | 2           | 3/4         | NPT         | 81       | F C         | 1 1/2  | 150     | 1200  |
| 1226  | 2           | 2           | NPT         | 83       | F C         | 1 1/2  | 115     | 1226  |
| 1373  | 3           | 1           | NPT         | 152      | C           | 15     | 600     | 1373  |
| 1371  | 3           | 1 1/2       | NPT         | 152      | C           | 15     | 680     | 1371  |
| 2103  | 3           | 2 1/4       | ANSI        | 96       | 2613        | 5      | 450     | 2103  |
| 2108  | 3           | 2 1/4       | NPT         | 142      | C           | 7 1/2  | 475     | 2108  |
| 2219  | 3           | 2 1/2       | NPT         | 152      | C           | 10     | 680     | 2219  |
| 1374  | 4           | 1           | ANSI        | 152      | C           | 15     | 600     | 1374  |
| 2107  | 4           | 2 1/4       | ANSI        | 96       | 2613        | 5      | 425     | 2107  |
| 2109  | 4           | 2 1/4       | ANSI        | 142      | C           | 7 1/2  | 475     | 2109  |
| 2224  | 4           | 2 1/2       | ANSI        | 151      | C           | 15     | 800     | 2224  |
| 2228  | 4           | 2 1/2       | ANSI        | 152      | C           | 30     | 680     | 2228  |
| 2223  | 4           | 3           | ANSI        | 152      | C           | 15     | 900     | 2223  |

F C = Combination floor mount style or cover mount style

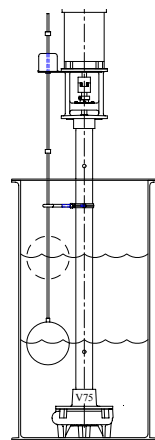
C = Cover mount style - Pump floor plate rests on the wet well cover

2613 = Removal System style - Pump requires the 2613 Removal System

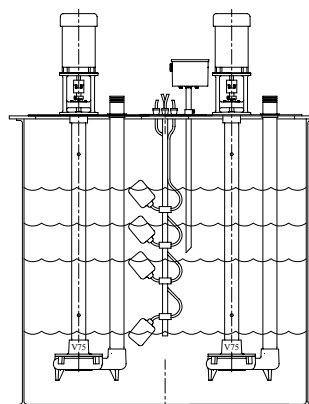
L = Distance up from the bottom of the pump to the floor plate

ANSI = American National Standard Institute 125# flange connection. Provided with flange holes for bolts.

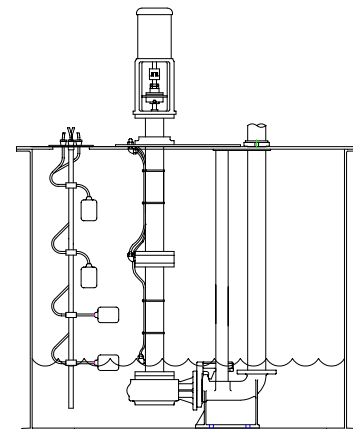
NPT = National Pipe Taper. Discharge has a threaded connection suitable for threaded pipe or fittings.



Floor Mount Style  
F



Cover Mount Style  
C



Removal System Mount Style  
2613

XG

KG

SG-Vertical D10

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