

BERKELEY® ABOVE GROUND VFD CONSTANT PRESSURE SYSTEMS



SYSTEM FEATURES/BENEFITS:

- ▶ For use as a booster system for domestic or light commercial applications
- ▶ PENTEK INTELLIDRIVE™ changes pump speed to maintain constant pressure
- ▶ Can be used with a smaller supply tank
- ▶ Uses single-phase input to power three-phase pumps.

NOTE: For above ground applications, ensure distance between motor and PENTEK INTELLIDRIVE is 25 feet or less.



1 PENTEK INTELLIDRIVE

- ▶ Water pressure management system that maintains constant pressure output regardless of fluctuating demand
- ▶ Extends life of pump and motor
- ▶ Keypad with LCD display; real time status indicator; local pump control

2 CP/CB SERIES CENTRIFUGAL PUMP SELECTION

- ▶ 1/2 to 2-1/2 HP High head and medium head models, with heavy duty motor, easy service design and four-position discharge
- ▶ Easy serviceability
- ▶ Drain port for easy winterizing

BERKELEY®

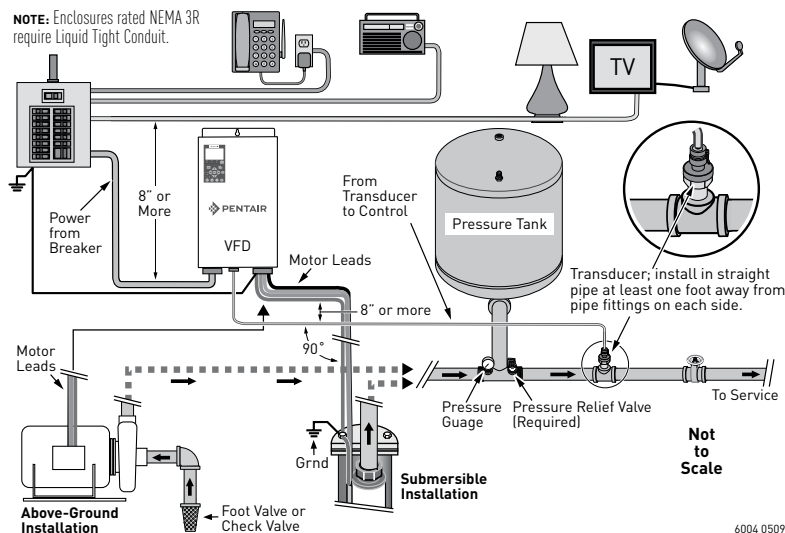
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Selection Chart

| PSI BOOST | 2-10 GPM | 20 GPM | 30 GPM | 40 GPM | 50 GPM | 60 GPM | 70 GPM | 80 GPM |
|-----------|----------|--------|--------|--------|--------|--------|--------|--------|
| 20 | 1 | 1 | 2 | 3 | 4 | 4 | 5 | 6 |
| 25 | 1 | 1 | 2 | 3 | 4 | 5 | 5 | 6 |
| 30 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | - |
| 35 | 2 | 2 | 3 | 4 | 5 | 6 | - | - |
| 40 | 2 | 3 | 4 | 4 | 6 | - | - | - |
| 45 | 3 | 3 | 4 | 5 | 6 | - | - | - |
| 50 | - | 4 | 5 | 6 | - | - | - | - |
| 55 | - | - | 6 | - | - | - | - | - |
| 60 | - | - | - | - | - | - | - | - |

| MODEL | CATALOG NUMBER | HP | SUCTION | DISCHARGE | RECOMMENDED DRIVE | |
|-------|----------------|--------|---------|-----------|-------------------|-------|
| 1 | CPIXPHS | S39517 | 1/2HP | 1-1/4" | 1" | PID10 |
| 2 | CPIXPHS | S37519 | 3/4HP | 1-1/4" | 1" | PID10 |
| 3 | CPIXPHS | S39521 | 1HP | 1-1/4" | 1" | PID10 |
| 4 | JHF3 | S39523 | 1-1/2HP | 1-1/4" | 1" | PID20 |
| 5 | JHG3 | S39525 | 2HP | 1-1/2" | 1-1/4" | PID20 |
| 6 | JHHG3 | S39527 | 2-1/2HP | 2" | 1-1/2" | PID50 |

Suggested Installation for Above Ground or Submersible Pump Systems



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.