



## **25 HP Pump Station (In-Bay or Tunnel)**

**Part #:** 90-2042

**Description:** 25 Hp High Pressure Pumping Station rated at 36 gallon/min. @ 1,050 psi. Includes 25Hp TEFC motor, Cat plunger pump, pressure regulator, single point belt adjustment, high pressure pulsation dampener, 1" float fill valve, tank drain port and tank overflow hose. Tank capacity is 60 gallons. Also includes a 1" inline flow restrictor for the fill tank feed line and a chemical injection port on the pump.

**Dimensions:** 30.13" wide x 77.5" high x 39" deep  
\*Please allow 15" of space above the tank for maintenance purposes and 12" to the right side for belt replacement.  
\*Height increases to 119" with the R.O. Reject Reclaim Kit Upgrade. R.O. Reject Reclaim Kit is not available on the stacked pump station.

**Electric Required:** Power is to be supplied from a separate VFD or Motor Starter control panel. Power: 18.7 kW, 68/60/30 Amps @ 208/230/460 Volt, 3-Phase, 4-wire. Tunnel application pressure transducer 24VDC to control panel. *Note that multiple pump stations may be utilized depending on the application.*

**Plumbing Required:** Supply a minimum water feed of 36gpm @ 40 PSI. 50-micron maximum particle size. 115 degree F max temperature. Requires a 1" hose drop from a minimum 1" full flow ball valve. Flow restrictor is sized per application and is to be added to the water supply line. An optional floor-drain or stand-pipe is recommended to accommodate the 1-1/4" tank overflow hose. 3/8" chemical line.

**Wash Equipment Interconnects:** From pump station to wash bay: Installer to provide min. 1,200 psi working pressure hose or stainless tubing. Do not use threaded pipe. Always use a short length of flexible hose at the pump and at the wash bay. Pump and wash bay connections are 3/4" M JIC. 3/8" poly line to FDM. Pressure transducer from pump station to control panel

**Mounting:** Floor mounted with vibration dampening leveling feet (included)

**Net Weight:** 935 lbs.

**Operating Weight w/water:** 1436 lbs.

## 25 HP Pump Station (In-Bay or Tunnel)

