

PPS Worksheet



Specifying LAKOS PPS Series Pump Protection Separators

Each model in the LAKOS Pump Protection Series (PPS) is engineered for a *specific flow range* and with concern for certain restrictions. It is therefore essential to use accurate application data.

This worksheet must be filled out completely, signed where indicated and returned to LAKOS *before any order can be shipped*. Contact your LAKOS representative if you require assistance.

Required Data

Maximum operational flow rate: _____

Minimum operational flow rate: _____

Minimum inside diameter (I.D.) of well: _____

Depth of well: _____

Depth of pump inlet: _____

Pump operational water level: _____

Submergence: _____
 (To obtain: subtract pumping operational water level from depth of pump inlet.)

If sizing a submersible pump, the following data is also required:

Maximum diameter of pump: _____

Maximum diameter of motor: _____

Overall length of pump: _____

Overall length of motor: _____

Pump's riser size (N.P.T.): _____

LAKOS Recommendations

Separator: _____

Shell: _____

For complete shells allow 1 week lead time. Shell weld kits available and can ship next day. (Shell weld kit includes: Bottom part of shell that connects to separator and top part of shell with riser.) Customer to provide enclosure pipe for shell.

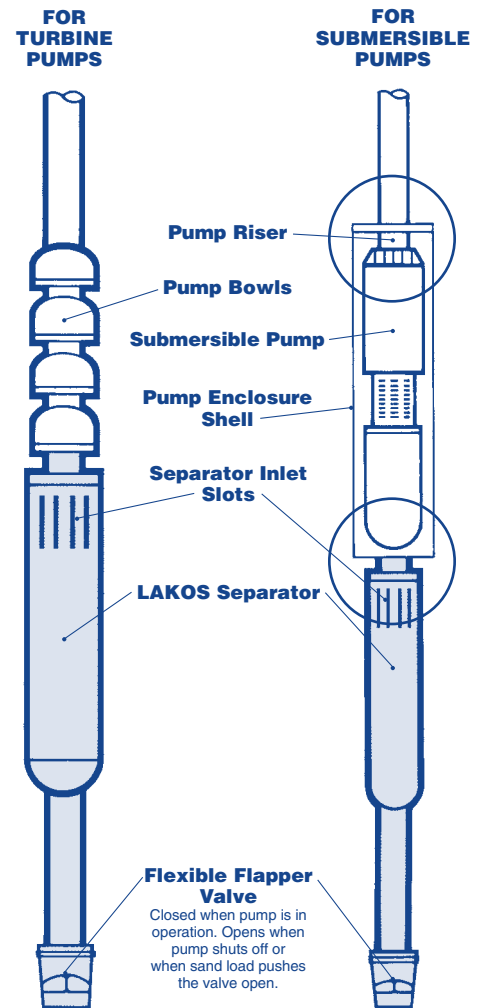
Bottom Shell Weld Kit: _____

Top Shell Weld Kit: _____

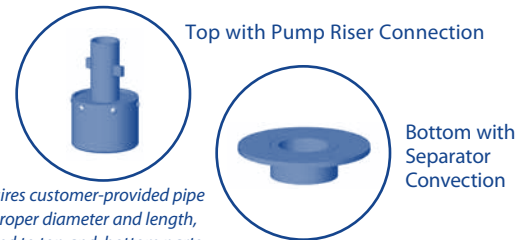
Suggested Pipe Length: _____
 (Pipe to be provided and welded by customer.)

Important

- Note required minimum submergence of separator.
- Maximum particle concentration: 1,000 ppm
- Maximum particle size: 1/4-inch (6.3 mm)
- Extended tail pipe recommended for prolonged pumping periods instead of flapper valve
- Head loss: Typically 9-14 feet (2.7-4.3 m)
- Minimum depth of well below separator: 20 feet (6.1 m)



Optional Shell Weld Kit



PLEASE SIGN HERE

The "Required Data" provided on this worksheet is true and accurate for purposes of sizing a LAKOS Pump Protection Sand Separator in a water well application. I understand any errors or subsequent changes in this data may substantially affect performance and may void any warranty, either implied or expressed.

Signature _____

Company _____

Telephone No. _____

Print Form