

LAKOS EasyPurge

EP-75-RSV

Economical, battery-operated valve for automatically flushing separated sand from your LAKOS Separator

Eliminate all manual routines with this affordable, easy-to-install and easy-to-operate automatic valve. Purges separated sand at pre-set intervals so you don't ever have to worry about it, making your LAKOS system as maintenance-free as it is trouble-free.

- Battery-operated (recommend annual battery change; standard 9-volt)
- Slow-closing function for water hammer protection
- Simple programming instructions; manual purge override capability

Complete timer setting instructions are provided with the valve. Recommended setting alternatives for various sand content expectations:

Extreme Sand Content:

Purge twice a day for 2 minutes each (second purge will occur 4 hours after first purge cycle – fixed, unchangeable setting)

Set programming dial to “RESET PGM” – wait 10 seconds. Turn the programming dial to “+0” – wait 10 seconds. Position the “Cycle Indicator” (square viewfinder) to “2x” in the 24h range and turn the programming dial to that same “2x” setting – wait 10 seconds. Turn the programming dial to a purge time of “2 minutes” (in the green scale) and leave it there. Valve will begin its purge cycle approximately 10 seconds after last setting and repeat as programmed at the same time of day going forward.

Average Sand Content:

Purge once every other day for 2 minutes

Set programming dial to “RESET PGM” – wait 10 seconds. Turn the programming dial to “+0” – wait 10 seconds. Position the “Cycle Indicator” (square viewfinder) to “1x” in the 48h range and turn the

programming dial to that same “1x” setting – wait 10 seconds. Turn the programming dial to a purge time of “2 minutes” (in the green scale) and leave it there. Valve will begin its purge cycle approximately 10 seconds after last setting and repeat as programmed at the same time of day going forward.

Light Sand Content:

Purge once every three days for 2 minutes

Set programming dial to “RESET PGM” – wait 10 seconds. Turn the programming dial to “+0” – wait 10 seconds. Position the “Cycle Indicator” (square viewfinder) to “1x” in the 72h range and turn the programming dial to that same “1x” setting – wait 10 seconds. Turn the programming dial to a purge time of “2 minutes” (in the green scale) and leave it there. Valve will begin its purge cycle approximately 10 seconds after last setting and repeat as programmed at the same time of day going forward.

The minimum purge duration is two minutes, allowing ample water to flush the separated dirt through the valve to minimize clogging or malfunction. Longer purge duration is unnecessary, unless purge piping longer than 10 feet (3 meters) is installed. It is also very important to install the valve as shown in the diagram on reverse.

There are several other purge timing options available. Please see instructions enclosed with the valve or consult factory if you wish to consider other options. Battery must be installed prior to setting timer.

If your valve does not respond to the above settings, remove the battery and place a screwdriver across the terminals on the battery clip for 5 seconds. Replace the battery and repeat the programming procedures above.

Valve: Globe-type valve; glass-filled nylon construction; patented scrubber feature

Timer: Latching DC solenoid; waterproof battery compartment; resin-encased electrical components

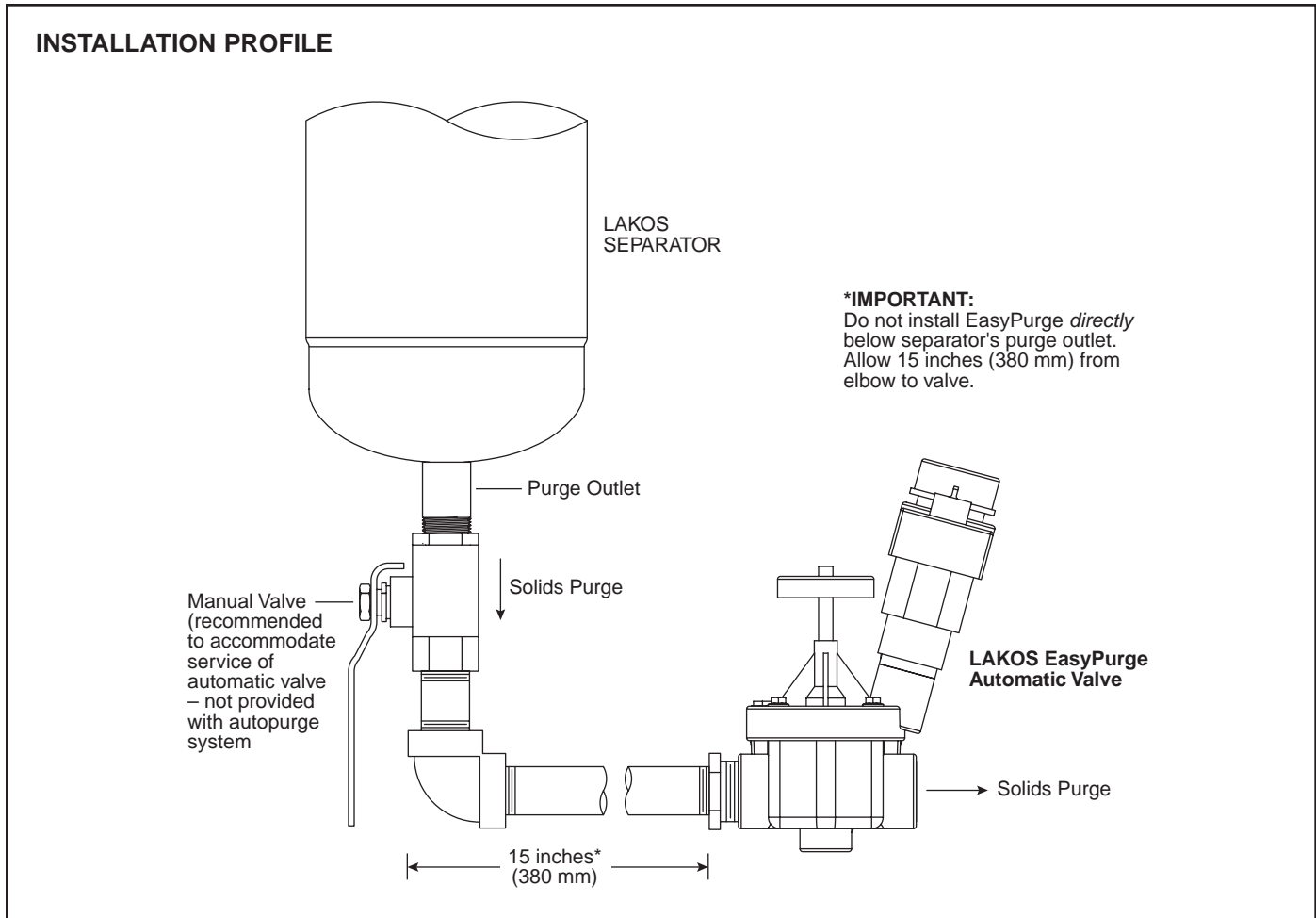
Connection Size: 1-inch; female-threaded, NPT (one 3/4-inch reducer is provided for connection to LAKOS Separator)

Electrical Requirement: One 9-volt battery; recommend annual replacement

Maximum Working Pressure: 150 psi (13.8 bar)

Net Weight: 2 lbs. (0.9 kg)

Operating Temperature: Up to 150°F (66°C)



Lakos Separators are manufactured and sold under one or more of the following U.S. Patents: 3,289,608; 3,512,651; 3,568,837; 3,701,425; 3,947,364; 3,963,073; 4,027,481; 4,120,795; 4,123,800; 4,140,638; 4,147,630; 4,148,735; 4,305,825; 4,555,333; 5,320,747; 5,338,341; 5,368,735; 5,425,876; 5,571,416; 5,578,203; 5,622,545; 5,653,874; 5,894,995; 6,090,276; 6,143,175; 6,167,960; 6,202,543; Des. 327,693; and corresponding foreign patents, including 600 12 329.4-08 (Germany) and EP 1 198 276 B1 (EU); other U.S. and foreign patents pending.

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