

## LPD-250 LINE PURGE DECHLORINATOR AND DIFFUSER

Always wear Personal Protective Equipment like Safety Glasses, Gloves, and Work Boots.

### LPD-250 OVERVIEW

Pollardwater's LPD-250 dechlorinating diffuser series are designed for potable water flushing applications (less than 2.5 ppm chlorine). It's a dual-purpose device that will diffuse flushed water as well as safely and effectively remove chlorine/chloramines satisfying Federal regulations. This device is simple to use with a "Lock and Load" mentality. Simply add tablets, flush water and add tablets on an as needed basis. The LPD-250 is available in both steel (orange) and lightweight aluminum (yellow).

The LPD-250 is designed for use with either LPD-CHLOR sodium sulfite tablets or VITA-D-CHLOR™ ascorbic acid tablets. Quantities needed vary on the chemical in use and the chlorine concentrations needing to be removed.

LPD-CHLOR is designed for chlorine concentrations of 2.5 ppm or less (AWWA max allowable for potable water) and the tablet chamber would be filled with 10 tablets. When using VITA-D-CHLOR™ tablets, a LPDTABLETSCREEN would be required in order to tune the dissolve rate of the chemical to the device preventing chemical waste. Only 4 or 5 tablets would be needed for chlorine concentrations of 2.5 ppm or less.

Mount a LPDPITOTKIT to the side of the diffuser to assist in determining water usage while flushing. This pitot device will provide an approximate GPM flow rate that will assist utilities in determining water usage/accountability during flushing operations.

**Please note the LPD-250 is not designed to be used as a flow testing device.**



LPDTABLETSCREEN  
(order separately)



### FEATURES AND BENEFITS

- Attach the PLPD250S directly to a hydrant or recommended accessories
- For potable water flushing applications where dechlorination is required
- Standard with 2-1/2" female NST (National Standard Thread) inlet swivel (alternate threads available)
- A dual-purpose device that will diffuse flushed water as well as effectively remove chlorine/chloramines satisfying Federal regulations
- Neutralize chlorine 2.5 ppm or less (AWWA max allowable for potable water) with either LPD-CHLOR™ or VITA-D-CHLOR™ Tablets
- "Lock and Load" mentality - Simply add more tablets as needed and flush away
- Designed for flows 325 to 1250 GPM and can be monitored with an optional LPDPITOTKIT (sold separately)
- Dimensions: 19.5" L x 8.5" W x 11.5" H
- Weight: 31 lbs (steel) / 17 lbs (aluminum)

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### LPD-250 PRODUCTS

**PLPD250S** – Steel Dechlorinating Diffuser, Orange, 2-1/2" FNST

**PLPD250A** – Aluminum Dechlorinating Diffuser, Yellow, 2-1/2" FNST



### LPD-250 ACCESSORIES

**PLPDPITOTKIT** – LPD Pitot w/Dual Read Kem-X Gauge (measures flows 350 -1250 gpm)

**PLPDPITOTKITRR** – LPD Pitot w/Dual Read Kem-X Gauge, Quick Connection and 10' Remote Read Assembly (measures flows 350 - 1250 gpm)

**LPDTABLESCREEN** – Tablet Screen required for use with VITA-D-CHLOR™

**PLPDHITCH** – Single-Mount Steel LPD Hitch Bracket (fits 2" receiver hitch)

**PLPDTIRE** – Tire Hold Down Bracket (fits under tire)

**A2160250015NSTALRL** – Nitrile Red Rubber Hose 2-1/2" FNST x 2-1/2" MNST, 15'

**A2160250050NSTALRL** – Nitrile Red Rubber Hose 2-1/2" FNST x 2-1/2" MNST, 50'



### CHEMICAL

**PW0000010** – Pail of 140 LPD-CHLOR Tablets

**PVITADCHLOR140** – Pail of 140 Ascorbic Acid Tablets

**PVITADCHLOR40** – Pail of 40 Ascorbic Acid Tablets

**PVITADCHLOR20** – Pail of 20 Ascorbic Acid Tablets

**PVITADCHLOR** – Pail of 6 Ascorbic Acid Tablets

### REPLACEMENT ACCESSORIES

**T6106991** – LPD Dual-Read Kem-X Gauge

**PLPDPITOT** – LPD Pitot Only

**PP65901** – Quick Connect Fitting



T6106991 Dual Read  
LPD-250 Gauge  
(order separately)

