

For Plastic & **A.O.D.D.** PUMP systems

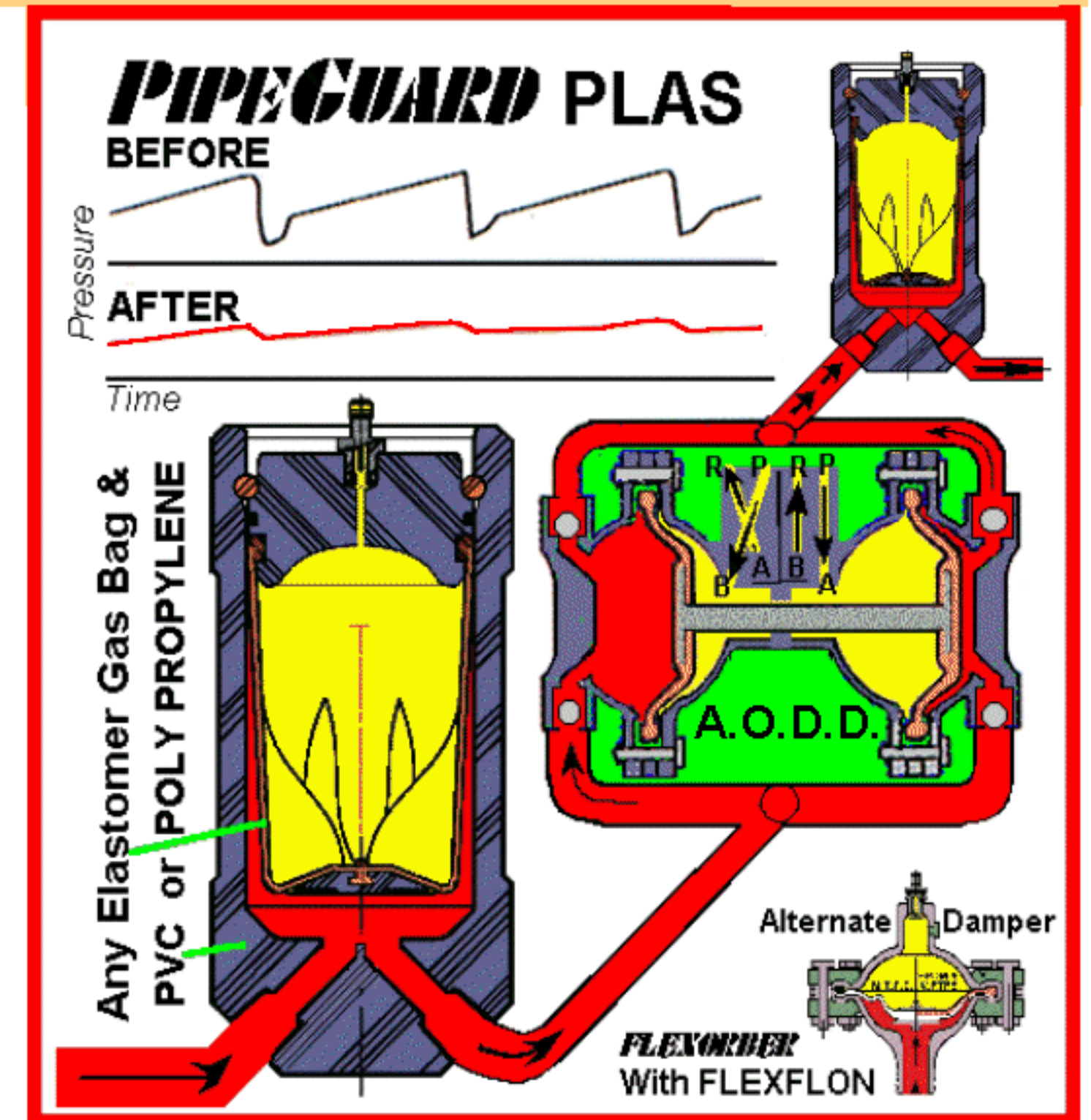
PipeGuard / PLAS & Air Operated Double ended Diaphragm pumps

PigLpP3.bmp

PROBLEM :

An A.O.D.D. could not suck water treatment chemicals from the 10ft high (3 Meters) plastic drum stillage because it was 70ft (30 Meters) away.

The good thing about an AODD is that it jumps straight up to a constant flow rate after each stroke reversal, giving you a pretty smooth discharge flow (if the air line is large enough). The downside is: that it is difficult to fill instantaneously on the suction side.



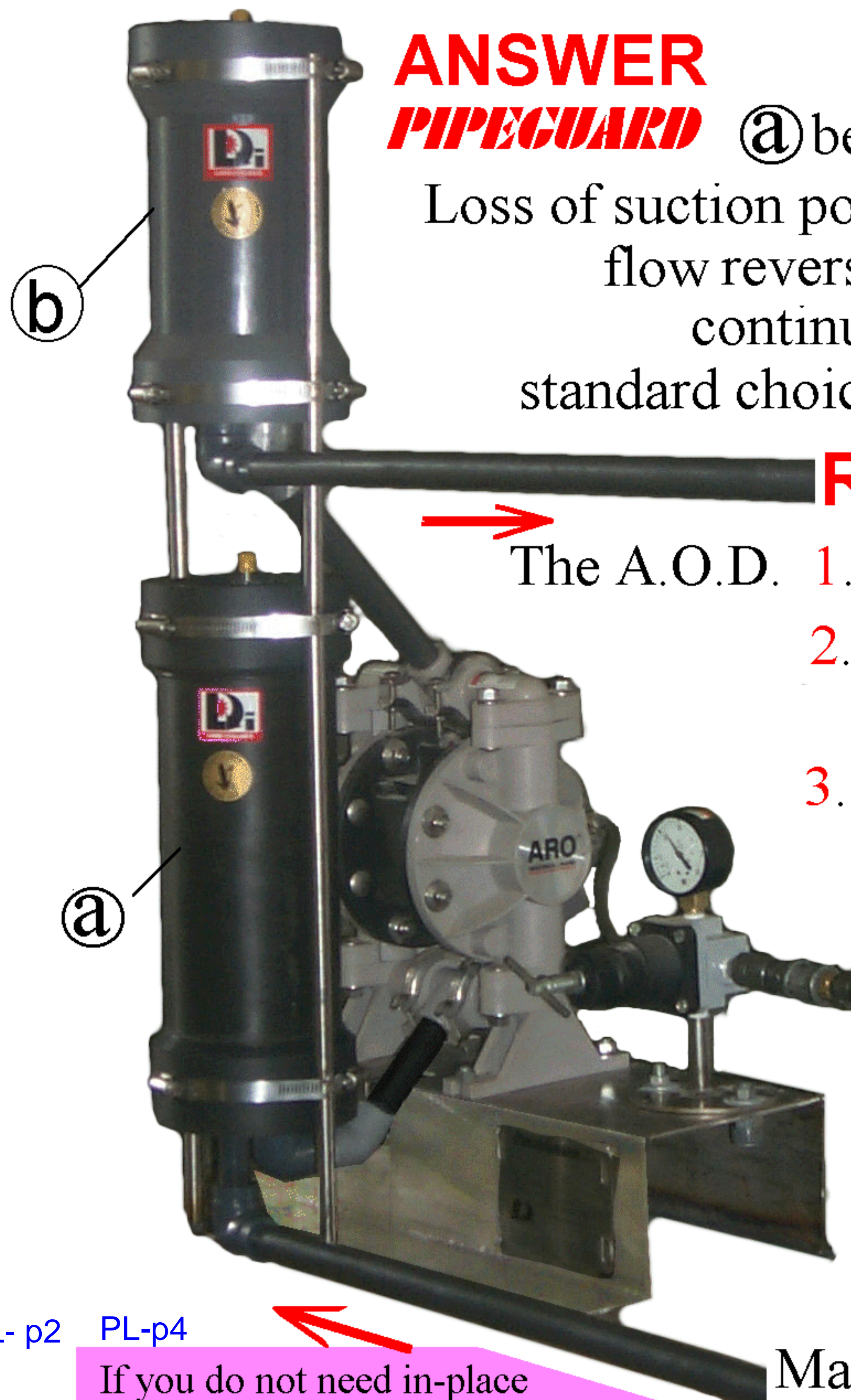
ANSWER **PIPEGUARD**

① below was fitted to the pump inlet. Loss of suction power was avoided by eliminating flow reversal with in - out twin connection continuous through flow configuration, standard choice of damper type **PiG-Plas/TW**.

RESULTS :

- The A.O.D. →
1. Can now fill - and pump.
 2. Pumps at twice the rate thought possible
 3. Pipe shake and breakage has ceased

A **PIPEGUARD PLAS** from PVC was installed item ② on the pump outlet, and the chemicals can now be pushed also to a mixing tank 320 ft (say 100 Meters) away.



PL- p2 PL-p4

If you do not need in-place flush-through, and wish to provide "T" pieces, use the extra connection for relief valve, system drain, or a gauge

Many different chemicals are handled by the one system because the inlet - outlet twin hole through flow, enables flushing. [HOME](#)

For same benefits, plus the SAFETY of a METAL OUTER SHELL, please go to **PIPEHUGGER LP.**