HYPRO

Centrifugal Pump Vent Line Kit 3430-0456

Form L-1464
8/08

Installation and Operation Instructions

Description

The Hypro centrifugal pump vent line is designed to prevent air lock by bleeding off trapped air. This allows the pump to prime and keeps some fresh solution circulating by the seal. This provides cooling of the seal when all discharge lines are shut off. The small amount of liquid that returns to the tanks through this line during operation is negligible.

Fittings are provided for installation on both cast iron and polypropylene pumps as well as a hose clamp for securing the vinyl vent line. Cable ties are included for attaching the vent line to the sprayer frame.

Installation

To install the centrifugal pump vent line, follow these steps:

1. Remove the drain plug from the pump and install the vent line fitting (a Nylon 90° elbow for a cast iron pump or a polypropylene straight fitting for a polypropylene pump).

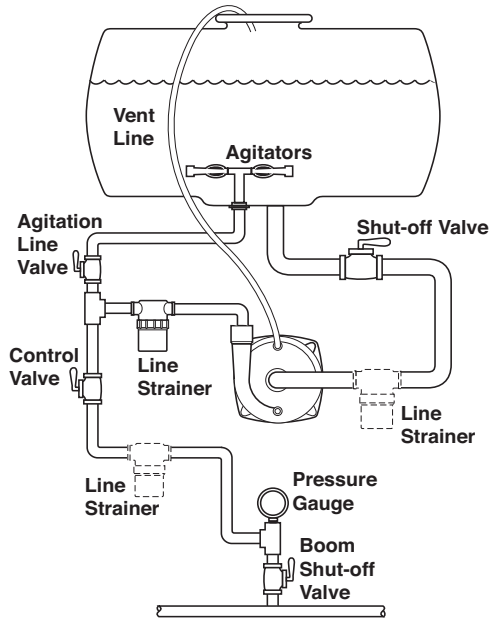
2. Slide the vinyl vent line over the hose barb end of the fitting and clamp the vent line in place with the plastic hose clamp.

3. Run the vent line back to the tank and attach the discharge end so the end is above the high liquid level of the tank. For proper venting, this line must continually rise from the pump to the tank. Any downward routing will depreciate its venting capabilities. (Note: Cut off any excess vent line before attaching to the tank.)

4. Attach the vent line to the sprayer frame with the cable ties.

Part No.	Description	Quantity Included
2900-0055	25' length; 1/4" ID vinyl hose	1
EL1814	Nylon 1/8" MNPT x 1/4" HB 90° elbow fitting	1
3A1814	Polypropylene 1/8" MNPT x 1/4" HB straight fitting	1
2910-0015	Plastic hose clamp	1
2910-0022	Plastic hose clamp	1
2520-0074	Plastic cable tie	5

Standard Centrifugal Pump Hookup Including Vent Line



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