

SYPHON KIT INSTRUCTIONS

No. 144-106-5 (Standard) / No. 144-182-5 (AG)

The following defined terms are used throughout Red Jacket literature, manuals and instructions to bring attention to the presence of hazards of various risk levels, or to important information concerning the life of the product.

DANGER	indicates presence of a hazard which <i>will</i> cause severe personal injury, death or substantial property damage if ignored.	CAUTION	indicates presence of a hazard which <i>will or can</i> cause minor personal injury or property damage if ignored.
WARNING	indicates presence of a hazard which <i>can</i> cause severe personal injury, death or substantial property damage if ignored.	NOTICE	indicates special instructions on installations, operation, or maintenance which are important but not related to personal injury hazards.

WARNING Installation and service of all Red Jacket systems must be performed by trained and qualified personnel only.

NOTICE Use extreme care to keep all parts clean and to use gasoline-resistant pipe sealing on all threaded joints prior to making "good, tight" connections. (Any leaks will prevent proper functioning).

Enclosed with these instructions is a copy of an engineering report on syphon systems, which will assist you in installation and maintenance.

* The extractable portion needs to be removed from the tank.

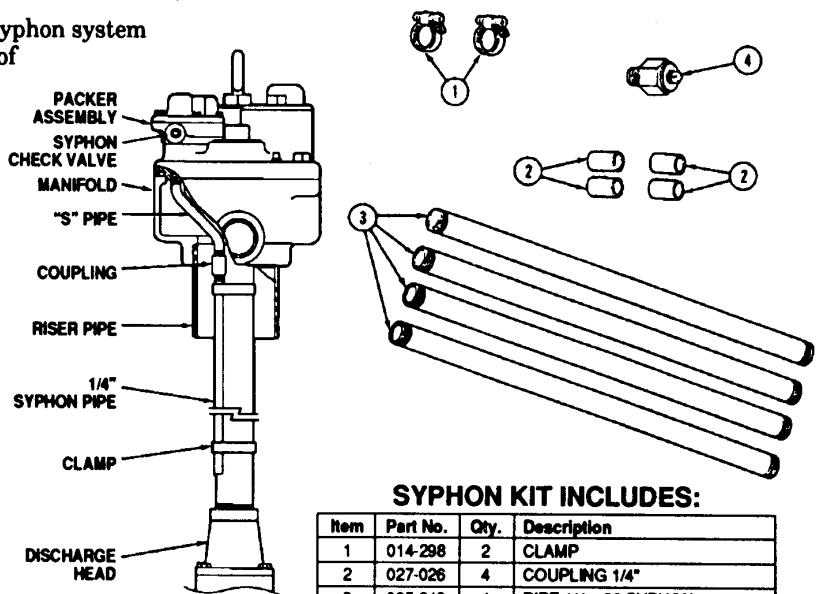
Connect first section of 1/4" syphon pipe, item #3, to "S" pipe, via coupling, item #2. Install additional sections of syphon pipe, item #3, with coupling, item #2, to a point approximately one inch above top of discharge head. (Last section of syphon pipe may have to be cut to size.)

Secure syphon pipe to column pipe with metal bands and clamps, item #1, one each at point just below connection to "S" pipe and just above bottom end of syphon pipe. Re-install the extractable portion.

Be sure syphon check valve is installed (see note below), Item #4.

Pump is now equipped to operate in a syphon system and you may proceed with installation of system, per attached illustration.

NOTICE On pumps built prior to 7/18/80, removal of the pump is not required. If unit is equipped with syphon check valve, you need only to remove the pipe plug from same to prepare unit for syphon operation. If unit is not equipped with syphon check valve, replace pipe plug located in the side of functional element with syphon check valve part #288-079. Pumps built prior to this date are equipped with 1/4" syphon pipe.



SYPHON KIT INCLUDES:

Item	Part No.	Qty.	Description
1	014-298	2	CLAMP
2	027-026	4	COUPLING 1/4"
3	065-843	4	PIPE 1/4 x 36 SYPHON
4	288-079	1	VALVE, SYPHON CHECK (STD.)
or 4	188-233	1	VALVE, SYPHON CHECK (AG)

For Technical Assistance Call:
1-800-777-2480



by  VEEDER-ROOT

125 Powder Forest Drive • Simsbury, CT 06070
Tel: (860) 651-2700 • Fax: (860) 651-2719

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