
BY-PASS FEEDER INSTALLATION & OPERATING INSTRUCTIONS

GENERAL

FA-500 and FA-600 feeders are designed for 300 psi maximum working pressure. Select valves and fittings to meet working pressure of the system being treated.

Two and five gallon feeders may be used to slug feed powdered or liquid treatments or for use with briquette treatments.

INSTALLATION

Install feeder in accordance with one of three following alternates:

1. Between suction and discharge sides of a pump.
2. On horizontal or vertical piping, using a valve or orifice to create flow through the feeder.
3. Direct to system piping or pump suction using water from a source at higher pressure.

CAUTION: Be sure there is no possibility of chemical backing up into a domestic water supply line.

TO CHARGE FEEDER

1. When using (2) or (5) gallon feeders with briquette treatments - Close inlet and outlet valves and drain by opening valve and petcock. Remove cover and fill with desired number of briquettes. Replace cover, closed drain valve, open inlet and outlet valves, and close petcock after all air has been forced from feeder.
2. When using any feeder with powdered or liquid treatment - Close inlet and outlet valves; drain. Close drain valve, remove cover and fill with liquid or dissolved powdered treatment. Replace cover and open inlet and outlet valves.

OPERATION

1. For controlled solution rate, or for continuous feed when using briquette treatments with the (2) gallon or (5) gallon feeders, adjust Flo-Control Valve to give desired rate of flow through the feeder.
 2. To slug feed chemical with any feeder, leave inlet and outlet valves wide open until all chemicals are fed to the system being treated. (Note: When slug feed is to be used, Flo- Control Valve can be eliminated from valve requirements.)
-

High Pressure Funnel Bypass Feeder

Model	Approx. Capacity	A	B	C
FA-500	2 Gallons	22-1/2"	7"	12"
FA-600	5 Gallons	24"	10"	13"

Max operating specifications: 300psi (20.6bar), 200°F (93°C)

Feeders come furnished with Funnel & 1" Gate Valve.
Control valves and accessories sold separately.

Control valve not required when "Slug Feeding".

Liquid chemicals may be added directly to feeder.
Powdered chemicals should first be pre-dissolved in water before adding to feeder.

Flow direction in this diagram is for suggested piping only. Funnel-style Bypass Feeders do not utilize a uni-direction flow system. Either 3/4" port may be used as inlet or outlet of bypass feeder.

- ① 1/4" Female NPT Fitting
- ② 3/4" Female NPT Fitting
- ③ 1" Female NPT Fitting

