



ITT

Water Feeder Model 551S

For Steam Separators, Receivers,
Tanks and Vessels

SERVICE RANGE:

- Maximum boiler pressure: 25 psi
- Maximum water supply pressure: 75 psi
- Water supply pressure must exceed boiler pressure by at least 10 psi.

PLEASE READ INSTRUCTIONS CAREFULLY BEFORE STARTING WORK. ALL WORK MUST BE PERFORMED BY QUALIFIED PERSONNEL IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.

Crosses should be used at every right angle turn in the equalizing line piping connecting the feeder to the tank. This will facilitate cleaning and assure proper equalization between the tank and the feeder.

IMPORTANT: Be sure to blow down your boiler water level control to prevent a malfunction resulting in serious boiler damage

CAUTION: PROTECT YOURSELF. WHEN FLUSHING CONTROLS, HOT WATER AND STEAM WILL FLOW OUT OF THE DRAIN PIPE ATTACHED TO THE BLOW-DOWN VALVE.



LOCATION:

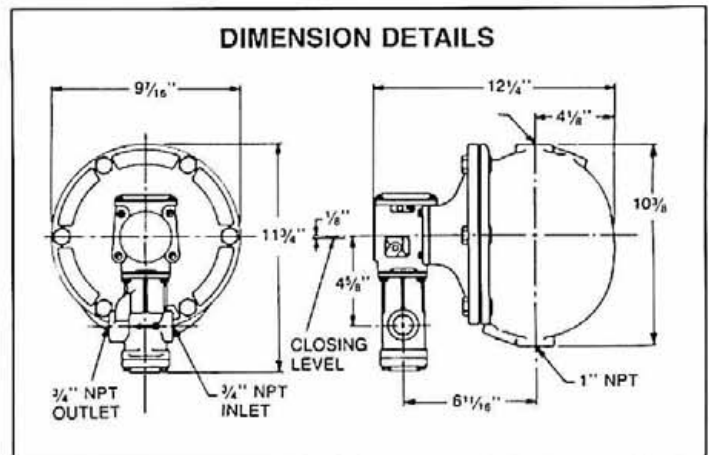
On condensate receiver tanks the feeder is usually located at a level one-third of the distance from the bottom to the top of the tank. This provides ample space for return condensate.

On steam separators and other vessels, location of the feeder should be determined according to the specifications established by the manufacturer of the separator tank.

A "blow-off" valve should be located as shown in drawing to provide blow down for the feeder, so any sediment accumulation can be flushed out.

NOTE: Model 551S-B has a special float blocking arrangement which holds the float securely in place to prevent damage to the control mechanism during shipment. Removal of the blocking is required before operating.

McDonnell & Miller
Installation & Maintenance
Instructions
MM-301(A)

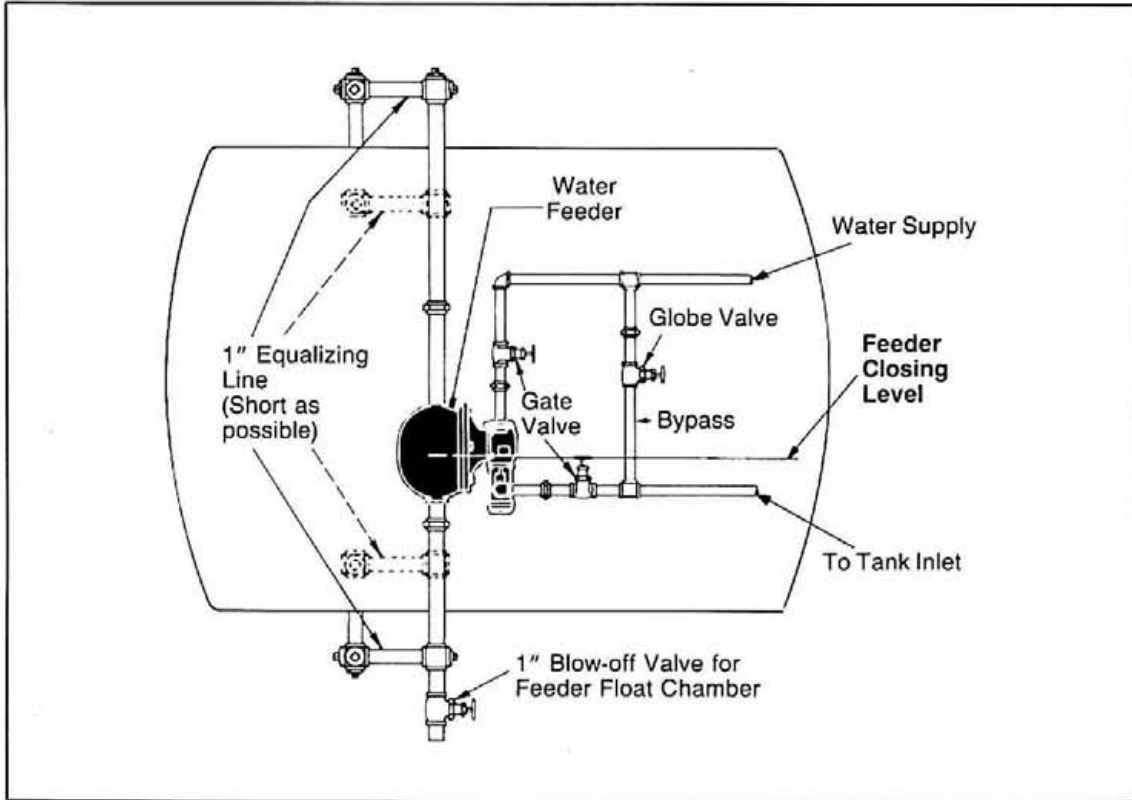


Engineered for life

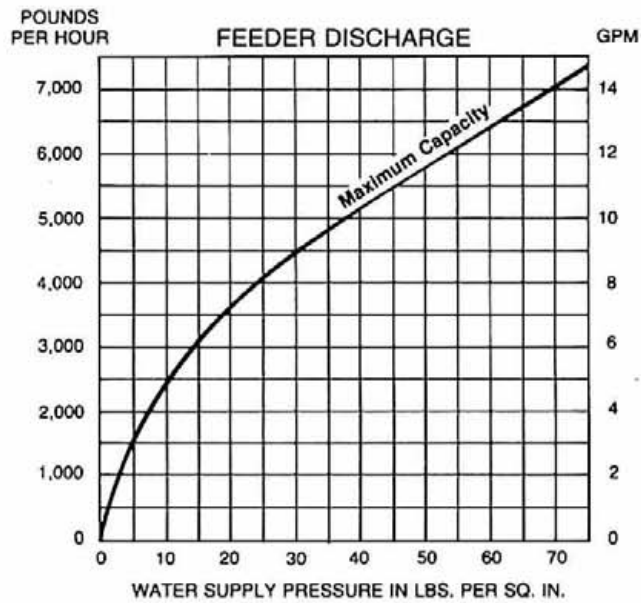


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CAPACITY CURVE



(Available city water supply pressure, or pump pressure, less internal pressure of unit on which control is installed).