

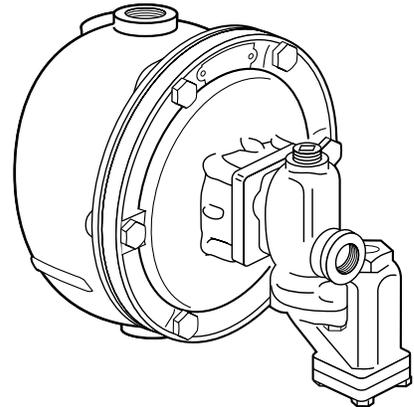
# 25A Make-Up Water Feeder For Receiving Tanks

For Residential and Commercial Applications

## OPERATION

Maximum Body Pressure: 35 psi

Maximum Water Supply Pressure: 100 psi



Series 25A

## **WARNING**

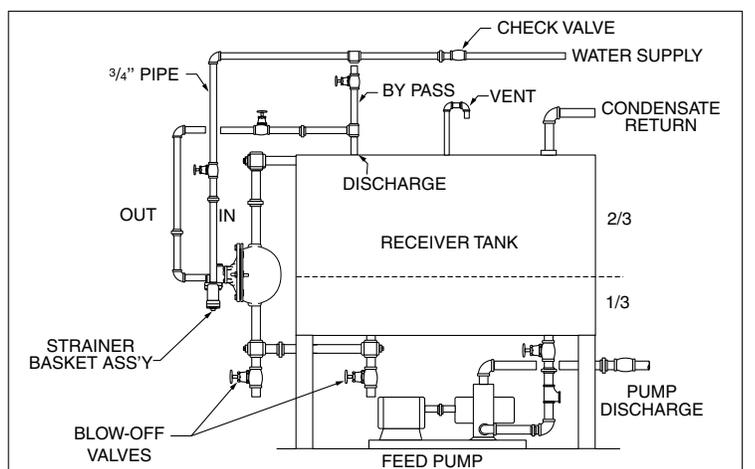
	<ul style="list-style-type: none"> <li>• Before using this product read and understand instructions.</li> <li>• Save these instructions for future reference.</li> </ul>
	<ul style="list-style-type: none"> <li>• All work must be performed by qualified personnel trained in the proper application, installation, and maintenance of plumbing, steam, and electrical equipment and/or systems in accordance with all applicable codes and ordinances.</li> </ul>
	<ul style="list-style-type: none"> <li>• Drain water level down below feeder and let cool to 80°F (27°C) before servicing.</li> <li>• If tank or receiver is pressurized relieve pressure to 0 psi (0 Bar) before servicing.</li> </ul>
	<ul style="list-style-type: none"> <li>• California Proposition 65 warning! This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.</li> <li>• Previous controls should never be installed on a new system. Always install new controls on a new boiler or system.</li> </ul>
	<p>Failure to follow this warning could cause property damage, personal injury or death.</p> <p><b>CAUTION:</b></p> <ul style="list-style-type: none"> <li>• A more frequent replacement interval may be necessary based on the condition of the unit at time of inspection. McDonnell &amp; Miller's warranty is one (1) year from date of installation or two (2) years from the date of manufacture.</li> </ul>

## INSTALLATION — TOOLS NEEDED:

Two (2) pipe wrenches, pipe dope, assorted fittings and lengths of 1" pipe.

### STEP 1 - Determine Location of the Feeder

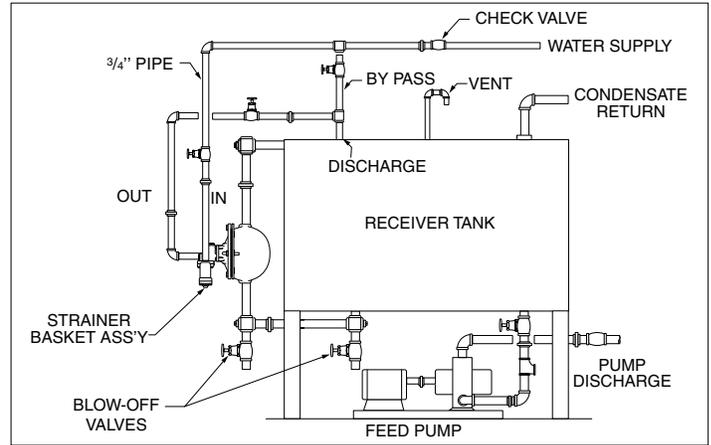
- a. The feeder is usually mounted one-third (1/3) of the way up from the bottom of the tank. This provides two-thirds (2/3) of the tank for return condensate.



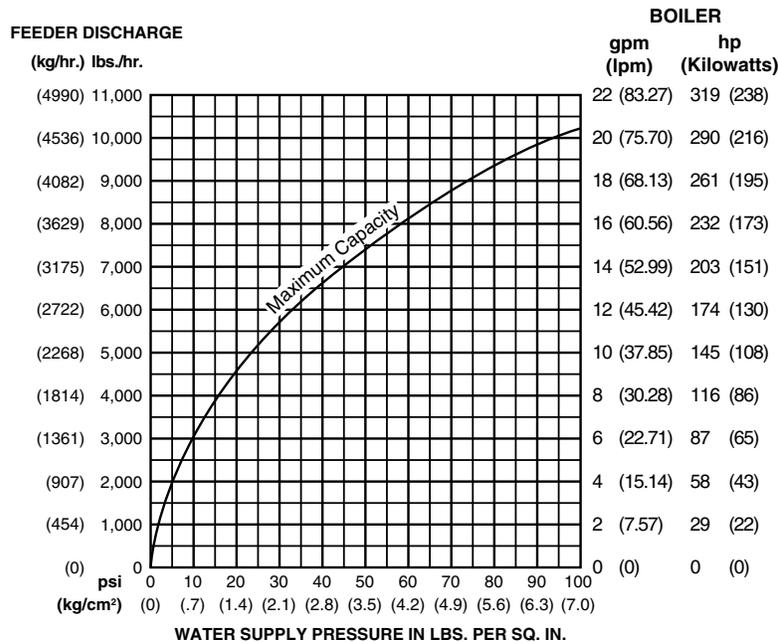
## STEP 2 - Installation of Model 25A

a. Follow the diagram to the right for piping the feeder to the tank and water supply. Remember to leave room for servicing the water feeder.

- The discharge piping should be connected to the top of the tank. The height of the discharge piping should be as short as possible and use minimum amount of fittings.
- An air break can be used if code mandates one.
- There is not a positive seal between the valve and the float chamber. If too much back pressure is developed, the water from the valve will go into the float chamber.
- At all right angle turns in the equalizing piping, crosses should be used to facilitate inspection and cleaning.



## Capacity Curve No. 25A



## MAINTENANCE

### SCHEDULE:

- **Blow down weekly during heating season.** Blow down may have to be more frequent depending on local water conditions and the amount of make-up water.

- **Clean strainer at least twice during heating season.** Cleaning may have to be more frequent depending on local water conditions and the amount of make-up water.
- **Replace control every 15 years.**

**xylem**  
Let's Solve Water

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