



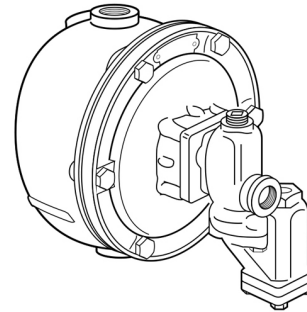
# 25A Make-Up Water Feeder For Receiving Tanks

For Residential and Commercial Applications

## OPERATION






Maximum Body Pressure: 35 psi

Maximum Water Supply Pressure: 100 psi



Series 25A

## **WARNING**

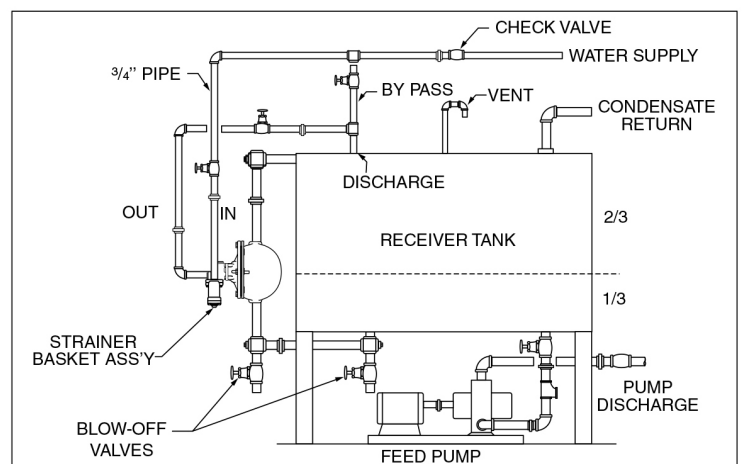
	<ul style="list-style-type: none"> <li>• Before using this product read and understand instructions.</li> <li>• Save these instructions for future reference.</li> <li>• All work must be performed by qualified personnel trained in the proper application, installation, and maintenance of plumbing, steam, and electrical and/or systems in accordance with all applicable codes and ordinances.</li> <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> <li>• This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</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

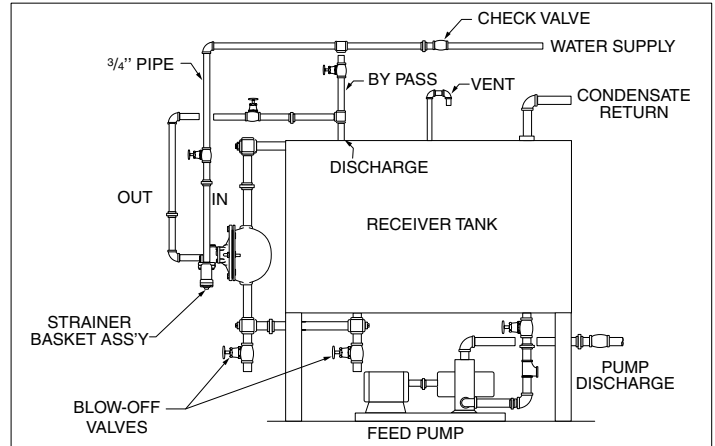
- a. The feeder is usually mounted one-third (1/3) of the way up from the bottom of the tank. This provides two-thirds (2/3) of the tank for return condensate.



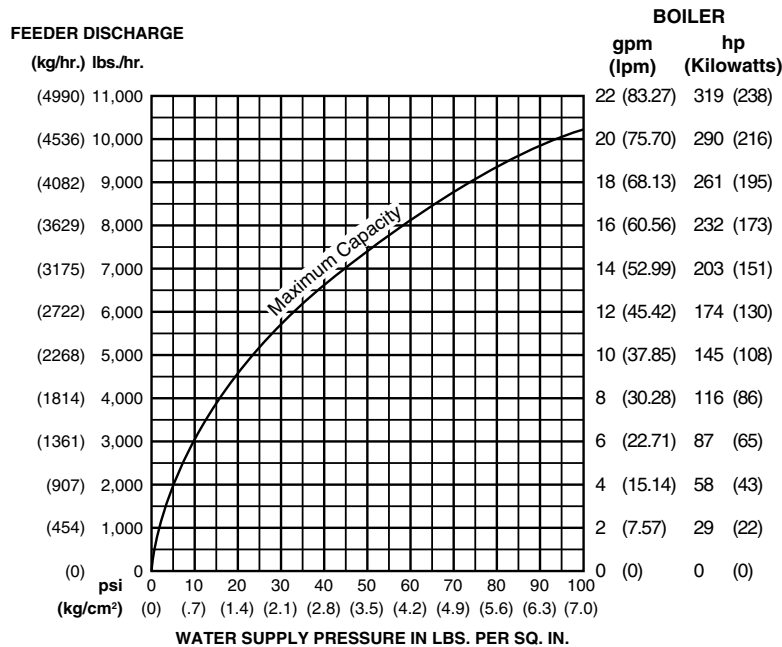
## STEP 2 - Installation of Model 25A

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.**

## **COMMERCIAL WARRANTY**

**Warranty.** For goods sold to commercial buyers, Seller warrants the goods sold to Buyer hereunder (with the exception of membranes, seals, gaskets, elastomer materials, coatings and other "wear parts" or consumables all of which are not warranted except as otherwise provided in the quotation or sales form) will be (i) be built in accordance with the specifications referred to in the quotation or sales form, if such specifications are expressly made a part of this Agreement, and (ii) free from defects in material and workmanship for a period of one (1) year from the date of installation or two (2) years from the date of manufacture, whichever shall occur first, unless a longer period is specified in the product documentation (the "Warranty").

Except as otherwise required by law, Seller shall, at its option and at no cost to Buyer, either repair or replace any product which fails to conform with the Warranty provided Buyer gives written notice to Seller of any defects in material or workmanship within ten (10) days of the date when any defects or non-conformance are first manifest. Under either repair or replacement option, Seller shall not be obligated to remove or pay for the removal of the defective product or install or pay for the installation of the replaced or repaired product and Buyer shall be responsible for all other costs, including, but not limited to, service costs, shipping fees and expenses. Seller shall have sole discretion as to the method or means of repair or replacement. Buyer's failure to comply with Seller's repair or replacement directions shall terminate Seller's obligations under this Warranty and render the Warranty void. Any parts repaired or replaced under the Warranty are warranted only for the balance of the warranty period on the parts that were repaired or replaced. Seller shall have no warranty obligations to Buyer with respect to any product or parts of a product that have been: (a) repaired by third parties other than Seller or without Seller's written approval; (b) subject to misuse, misapplication, neglect, alteration, accident, or physical damage; (c) used in a manner contrary to Seller's instructions for installation, operation and maintenance; (d) damaged from ordinary wear and tear, corrosion, or chemical attack; (e) damaged due to abnormal conditions, vibration, failure to properly prime, or operation without flow; (f) damaged due to a defective power supply or improper electrical protection; or (g) damaged resulting from the use of accessory equipment not sold or approved by Seller. In any case of products not manufactured by Seller, there is no warranty from Seller; however, Seller will extend to Buyer any warranty received from Seller's supplier of such products.

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## **LIMITED CONSUMER WARRANTY**

**Warranty.** For goods sold for personal, family or household purposes, Seller warrants the goods purchased hereunder (with the exception of membranes, seals, gaskets, elastomer materials, coatings and other "wear parts" or consumables all of which are not warranted except as otherwise provided in the quotation or sales form) will be free from defects in material and workmanship for a period of one (1) year from the date of installation or two (2) years from the product date code, whichever shall occur first, unless a longer period is provided by law or is specified in the product documentation (the "Warranty").

Except as otherwise required by law, Seller shall, at its option and at no cost to Buyer, either repair or replace any product which fails to conform with the Warranty provided Buyer gives written notice to Seller of any defects in material or workmanship within ten (10) days of the date when any defects or non-conformance are first manifest. Under either repair or replacement option, Seller shall not be obligated to remove or pay for the removal of the defective product or install or pay for the installation of the replaced or repaired product and Buyer shall be responsible for all other costs, including, but not limited to, service costs, shipping fees and expenses. Seller shall have sole discretion as to the method or means of repair or replacement. Buyer's failure to comply with Seller's repair or replacement directions shall terminate Seller's obligations under this Warranty and render this Warranty void. Any parts repaired or replaced under the Warranty are warranted only for the balance of the warranty period on the parts that were repaired or replaced. The Warranty is conditioned on Buyer giving written notice to Seller of any defects in material or workmanship of warranted goods within ten (10) days of the date when any defects are first manifest.

Seller shall have no warranty obligations to Buyer with respect to any product or parts of a product that have been: (a) repaired by third parties other than Seller or without Seller's written approval; (b) subject to misuse, misapplication, neglect, alteration, accident, or physical damage; (c) used in a manner contrary to Seller's instructions for installation, operation and maintenance; (d) damaged from ordinary wear and tear, corrosion, or chemical attack; (e) damaged due to abnormal conditions, vibration, failure to properly prime, or operation without flow; (f) damaged due to a defective power supply or improper electrical protection; or (g) damaged resulting from the use of accessory equipment not sold or approved by Seller. In any case of products not manufactured by Seller, there is no warranty from Seller; however, Seller will extend to Buyer any warranty received from Seller's supplier of such products.

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Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

To make a warranty claim, check first with the dealer from whom you purchased the product or call +1-847-966-3700 for the name and location of the nearest dealer providing warranty service.



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