

Yardney Fertilizer Tanks

are chemical application products that provide a simplified method to dispense fertilizer or other chemicals through a low-volume, drip or sprinkler irrigation system. Since these products operate by using the irrigation line pressure and flow, they do not require a pump, motor or other mechanical injecting device.



Applications

- Application of fertilizers or chemicals directly into the water stream
- 100 psi standard operating pressure (high pressure systems available)
- Available in 15-gallon, 30-gallon, 45-gallon, 60-gallon and 75-gallon capacities

Advantages

- Heavy duty, durable and low-cost
- Ease of operation—system does not require a pump, motor or other mechanical injector device
- Standard carbon steel products, 3/16" thick material
- 3M Scotchkote® 134 fusion bonded epoxy coating on 100% of the internal and external surfaces
- Yardney easy-entry lid closure
- Made in USA

Fertilizer Tank Specifications

Standard assembly includes:

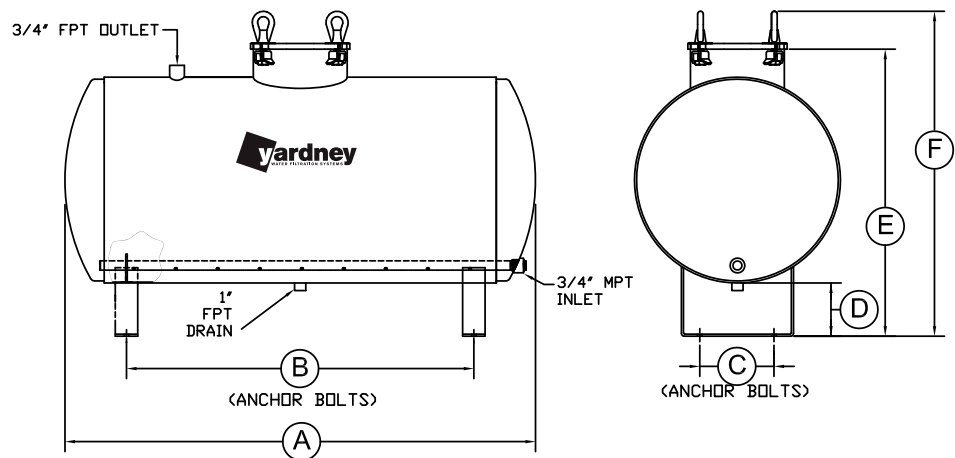
- Welded carbon steel
- Yardney easy-entry lid closure
- 3M Scotchkote® 134 fusion bonded epoxy coating on interior and exterior surfaces
- Internal wand assembly

Available options:

- ASME code

| SPECIFICATIONS FERTILIZER AND CHEMICAL TANKS | | | | | | |
|--|--------------------|-------------------------------------|------------|-----------|-----------|------------------|
| Model | Capacity (gallons) | Discharge Time with Controlled Flow | | | | Maximum Pressure |
| | | 0.5 gpm | 0.75 gpm | 1.0 gpm | 1.5 gpm | |
| HF 15 | 15 | 3.0 hours | 2.0 hours | 1.5 hours | 1.0 hours | 100 psi |
| HF 30 | 30 | 6.0 hours | 4.0 hours | 3.0 hours | 2.0 hours | 100 psi |
| HF 45 | 45 | 9.0 hours | 6.0 hours | 4.5 hours | 3.0 hours | 120 psi |
| HF 60 | 60 | 12.0 hours | 8.0 hours | 6.0 hours | 4.0 hours | 120 psi |
| HF 75 | 75 | 15.0 hours | 10.0 hours | 7.5 hours | 5.0 hours | 120 psi |

| DIMENSIONS | | | | | | |
|------------|-----------|---------|--------|--------|----------|-----------|
| Model | A | B | C | D | E | F |
| HF 15 | 31 13/16" | 23" | 5" | 4 3/4" | 20" | 23 3/8" |
| HF 30 | 29" | 18" | 6 5/8" | 4 3/4" | 25 5/8" | 29" |
| HF 45 | 42" | 31" | 6 5/8" | 4 3/4" | 25 5/8" | 29" |
| HF 60 | 55" | 44" | 8 5/8" | 4 3/4" | 25 5/8" | 29" |
| HF 75 | 42 1/16" | 28 1/2" | 8 5/8" | 4 3/4" | 31 9/16" | 34 15/16" |



How it works

A small pressure differential created by the use of a valve, filter or other line restriction creates a parallel flow through the dispenser tank which dispenses the fertilizer into the irrigation system. Flow rate or amount of solution and the displacement rate (dilution)

is regulated by installing a flow control valve or flow meter. A "batch" process is employed to measure the amount of fertilizer or chemical to be distributed to the irrigation system in a single application.



Made in USA

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