

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
- 120 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:

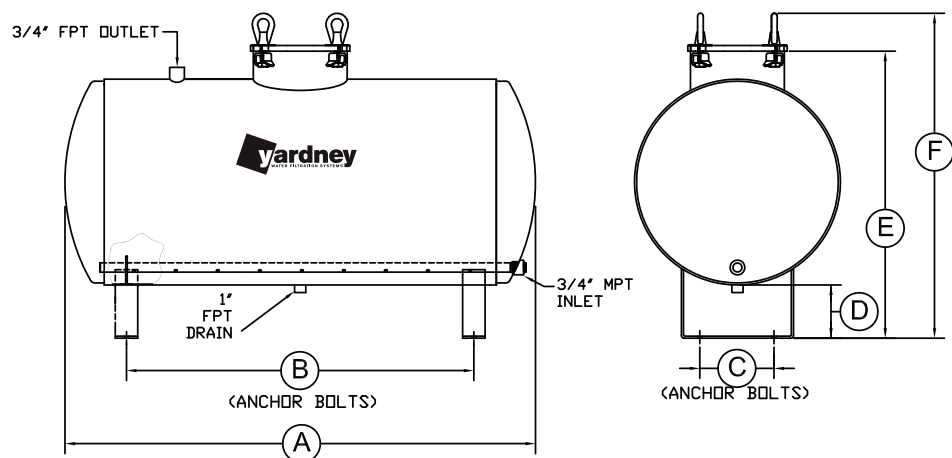
- Welded carbon steel
- Yardney easy-entry lid closure
- 3M Scotchkote® 134 fusion bonded epoxy coating on interior and exterior surfaces
- Internal wand assembly

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	30 minutes	20 minutes	15 minutes	10 minutes	120 psi
HF 30	30	60 minutes	40 minutes	30 minutes	20 minutes	120 psi
HF 45	45	90 minutes	60 minutes	45 minutes	30 minutes	120 psi
HF 60	60	120 minutes	80 minutes	60 minutes	40 minutes	120 psi
HF 75	75	150 minutes	100 minutes	75 minutes	50 minutes	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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