

LFM

FRP SPECIALISTS



L. F. Manufacturing, Inc.



Tanks • Manholes • Wetwells • Piping Systems

5528 E. Highway 290
Giddings, Texas 78942
Phone 800.237.5791
Fax 979.542.0911
www.lfm-frp.com

300 W. Riddleville Road
Karnes City, Texas 78118
Phone 800.237.5791
Fax 979.542.0911

2450 Industrial Boulevard
Waycross, Georgia 31503
Phone 912.285.7576
Fax 912.285.7553



Dear Customer,

L. F. Manufacturing, Inc. has been an industry leader in the manufacturing of quality fiberglass products since 1982. Providing solutions to our clients in the underground municipal industry, as well as storage solutions, is our goal.

In an effort to provide our customers with complete sales and service experience, we have developed this informational product catalog as a one-stop reference for our customer's needs.

We are committed to manufacturing quality fiberglass products and providing business solutions to the marketplace with an emphasis on customer service and satisfaction.

C. A. (Chris) Johnston
President & CEO

Experience...

Let us put our experience to work for you. We have been manufacturing high quality fiberglass rainwater tanks since 1974. Our tanks are built with quality in mind. We use only the highest quality resins and glass fiber to build our fiberglass tanks. We are committed to building the very best fiberglass tank money can buy. LFM uses the latest manufacturing techniques, utilizing the most advanced chop and filament winding equipment available. This insures the utmost quality in all of our fiberglass products. LFM's main production facility covers over 83,000 square feet and is situated on 35 acres just east of Giddings, Texas. Our 120,000 square foot East Coast plant is located in Waycross, Georgia. LFM's workforce consists of over 150 full-time employees that are committed to building quality fiberglass products.



Economical...

Our fiberglass rainwater tanks are an excellent economic value when compared to steel tanks. A fiberglass tank from LFM weighs approximately 60% less than a steel tank; which makes installation easier and less time consuming, saving the customer money in the long run. Also, our fiberglass tanks save money because they are durable and have a longer service life than steel tanks.

Clean Water Storage...

LFM knows the importance of keeping your water fresh and clean. Our fiberglass rainwater tanks are corrosive resistant to the minerals and chemicals found in water. Steel tanks may rust and corrode, which affects the quality of the water stored inside. Our fiberglass rainwater tanks will continue to keep your water fresh and clean with no corrosion to the tank. LFM's fiberglass rainwater tanks are FDA, USDA, and AWWA approved for storage of potable water.

Strong & Lasting Construction...

LFM builds its fiberglass rainwater tanks to provide a long and trouble-free service life. Our fiberglass tanks are built to meet or exceed the strict requirements of ASTM D3299 and ANS/AWWA D120 specifications to assure our customers of the highest structural integrity, durability and corrosive resistance. We maintain individual inspection reports for each tank; recording such information as resin system used, actual material usage, fittings, accessories and destination. The inspection reports are filed for future reference and copies are available upon request. Our excellent inspection program assures that each of our customers receive the highest quality fiberglass products available. At LFM we are committed to providing our customers with the best fiberglass products possible.

Delivery...

At LFM, we maintain our own fleet of delivery trucks which are equipped for transporting fiberglass tanks. This helps to keep delivery costs to our customers low. We employ a professional delivery staff whose primary goal is to see to it that our fiberglass tanks are delivered on time and in a safe and professional manner. And as an added benefit, our fiberglass rainwater tanks are light-weight, making them easier to handle during loading and unloading, further reducing delivery costs.

Available Sizes...

Our fiberglass rainwater tanks are manufactured to meet our customers required dimensions. Standard tanks are available in diameters from 2 feet through 15.5 feet. LFM can also custom design and manufacture fiberglass potable water tanks for almost any size, shape or service requested. Contact your LFM sales professional to find out which sizes best fit your specific needs.

Options & Fittings...

LFM can build fiberglass tanks with many different options and fittings. Some of these include various FRP flanges, manways, sight glasses, ladder cages, insulation and many other specialty fixtures.

Corrosion-Free...

Our fiberglass rainwater tanks eliminate the need for additional corrosion protection, such as exterior painting and cathodic protection systems for above ground and underground installations. Because of the anti-corrosive nature of our fiberglass tanks, the need for costly maintenance and repainting is eliminated, thus offering considerable savings when compared to steel tanks. And because our fiberglass rainwater tanks are corrosion-free, the risk of leakage and content contamination is greatly reduced.



Quality Assurance...

We stand behind the products we build. Our fiberglass rainwater tanks carry a one year warranty. For further information, see the warranty section of our brochure.

Required Ordering Information...

Certain information is required when ordering fiberglass reinforced plastic (FRP) tanks. The following is a list of information that will help you to decide which particular tank design will best fit your specific needs.

1. Service environment (contents)
2. Temperature
3. Volume
4. Wind load
5. Seismic load
6. Fittings (size & type)
7. Specific gravity
8. Desired dimensions
9. Above ground or underground installations

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Technical Support & Sales:

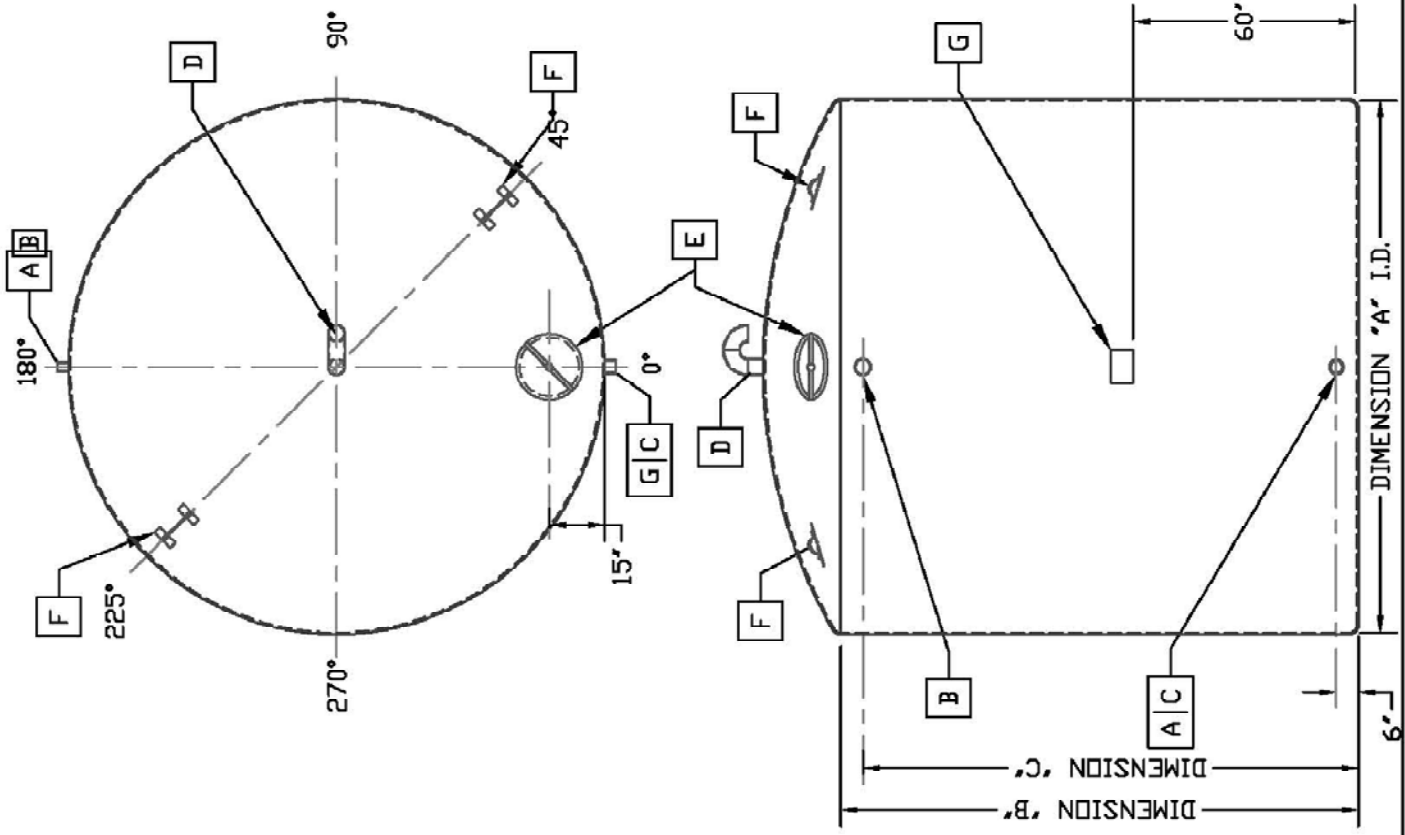
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Delivery	Gallons	Dimensions	Model #
Manufactured in Waycross, GA or Giddings, TX	50	24" x 26"	V24-50
	100	24" x 4'-3"	V24-100
	250	36" x 4'-9"	V36-250
	500	48" x 5'-4"	V48-500
	750	48" x 8'-0"	V48-750
	1,000	48" x 10'-8"	V48-1000
	1,000	5'-0" x 6'-10"	V60-1000
	2,000	6'-0" x 9'-6"	V72-2000
Manufactured in Giddings, TX or Karnes City, TX	2,000	8'-0" x 5'-4"	V96-2000
	3,000	8'-0" x 8'-0"	V96-3000
	5,000	10'-0" x 8'-6"	V120-5000
	5,000	12'-0" x 5'-11"	V144-5000
	5,000	14'-0" x 4'-4"	V168-5000
	7,500	12'-0" x 8'-10"	V144-7500
	7,500	14'-0" x 6'-6"	V168-7500
	8,500	12'-0" x 10'-1"	V144-8500
	8,500	14'-0" x 7'-5"	V168-8500
	10,000	12'-0" x 11'-10"	V144-10000
	10,000	14'-0" x 8'-8"	V168-10000
	12,500	12'-0" x 14'-9"	V144-12500
	12,500	14'-0" x 10'-10"	V168-12500
	13,800	14'-0" x 12'-0"	V168-13800
	15,000	14'-0" x 13'-0"	V168-15000

Call for discount delivery pricing on multiple tank orders.

NOTES:

1. TANK DESIGNED, FABRICATED, INSPECTED, TESTED AND MARKED IN ACCORDANCE WITH A.S.T.M. D-3299 SPECIFICATIONS.
 2. SIGNED APPROVED DRAWING REQUIRED BEFORE START OF MANUFACTURING. DATE: _____
- () APPROVED
 () APPROVED AS NOTED
 () REVISE & RESUBMIT



MODEL #	GAL	A	B	C	DIMENSION
V168-15000	15000	14'-0"	13'-0"	12'-6"	
V144-15000	10000	12'-0"	17'-9"	17'-3"	
V168-10000	10000	14'-0"	8'-8"	8'-2"	
V144-10000	10000	12'-0"	11'-10"	11'-4"	
V168-8500	8500	14'-0"	7'-5"	6'-11"	
V144-8500	8500	12'-0"	10'-1"	9'-7"	
V168-7500	7500	14'-0"	6'-6"	72"	
V144-7500	7500	12'-0"	8'-10"	8'-4"	
V168-5000	5000	14'-0"	52"	3'-10"	
V144-5000	5000	12'-0"	71"	65"	
V120-5000	5000	10'-0"	8'-6"	8'-0"	
V96-4000	4000	8'-0"	10'-8"	10'-2"	
V96-3000	3000	8'-0"	8'-0"	7'-6"	
V96-2500	2500	8'-0"	6'-8"	6'-2"	
V72-2000	2000	72"	9'-5"	8'-11"	
V72-1500	1500	72"	7'-1"	6'-7"	
V48-1000	1000	48"	10'-8"	10'-2"	
V48-800	800	48"	8'-7"	8'-2"	
V48-700	700	48"	7'-5"	6'-11"	
V48-600	600	48"	6'-5"	71"	
V48-500	500	48"	64"	58"	
V48-400	400	48"	51"	45"	
V36-300	300	36"	68"	62"	
V36-250	250	36"	57"	51"	
V36-200	200	36"	46"	40"	
V24-150	150	24"	6'-5"	66"	
V24-125	125	24"	64"	58"	
V24-100	100	24"	51"	45"	
V24-50	50	24"	26"	20"	

- G 1 NAME TAG
- F 2 LIFTING LUG (PAINT-STL.MIN.)
- E 1 18"DIA.POLYMANWAY(NON-VENTED)
- D 1 3"DIA.PVC U-VENT W/S.S.SCREEN
- C 1 3"DIA.FRP THRD HALF COUPLING
- B 1 2"DIA.FRP THRD HALF COUPLING
- A 1 2"DIA.FRP THRD HALF COUPLING

QUANTITY/DISC: _____

DESCRIPTION: RAINWATER COLLECTION

TOLERANCES:
 FRACTION = ±1/4
 DECIMAL = ±.250
 .IN = ±.062
 .MM = ±.010
 UNLESS OTHERWISE SPECIFIED

COLOR: GREY
 LINER: ORTHOPHTHALIC

DESIGN TEMP: 150°F
 OPERATING TEMP: AMBIENT°F

DESIGN PRESS: ATMOSPHERIC
 OPERATING SP. GR: 1.0

SERVICE: RAINWATER COLLECTION

DMR BY SCALED REV: _____
 DATE: 07/11/96

MMN NONE
 REV: 05/05/05 TJJ REV. F

QTR BY APP BY: BVG MDL: A-MD0105RW
 QUOTE NO. 584

TLV JDM
 SOLD BY CUSTOMER: 1 OF 1

LFM L.F. MANUFACTURING, INC.
 (800) 237-5791
 (979) 542-8027
 FRP SPECIALISTS FAX # (979) 542-0911



Warranty

L. F. Manufacturing, Inc., warrants its products against failure due to improper workmanship or defective materials, for a period of one (1) year from delivery date; provided, however, that L. F. Manufacturing, Inc., liability shall be limited to repairing such products or the replacement of defective parts F.O.B. point of manufacture with freight allowed (dismantling and installation are not included). L. F. Manufacturing, Inc., does not warrant products which are not manufactured by L. F. Manufacturing, Inc., except to the extent of the warranty L. F. Manufacturing, Inc., may receive from the manufacturer. L. F. Manufacturing, Inc., makes no warranty expressed or implied as to the merchantability or fitness for any particular purpose of the property sold under this contract.

Except as expressed in this section, L. F. Manufacturing, Inc., makes no warranties, expressed or implied. L. F. Manufacturing, Inc., liability shall be limited to the warranties expressed herein and L. F. Manufacturing, Inc., shall not be liable for any direct or consequential damage, including loss of use, which Dealer or Dealer's customers may suffer.

L. F. Manufacturing, Inc., fiberglass reinforced plastic (FRP) equipment and products are designed to meet certain design and load requirements. The foregoing warranties do not apply to any fiberglass reinforced plastic (FRP) equipment or products which are misused or which consist of anything except L. F. Manufacturing, Inc., parts.

Dealer is not and will not represent itself as an agent or employee of L. F. Manufacturing, Inc., and will not make any other representations or warranties on behalf of L. F. Manufacturing, Inc., other than by referring the customer to this warranty. Dealer will not assume or create any other obligation on behalf of L. F. Manufacturing, Inc., other than by referring the customer to this warranty.



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