MERIDIAN®

VERTICAL FUEL TANK

Single and Double Wall

meridianmfg.com/vertical-fuel-tanks

UL® LISTED

OPERATOR'S MANUAL

SIGN-OFF FORM

Meridian Manufacturing Inc. follows the general Safety Standards specified by the American Society of Agricultural Engineers (ASAE), and the Occupational Safety and Health Administration (OSHA). Anyone who will be using or maintaining the bin must read and clearly understand ALL Safety and Maintenance information presented in this manual.

Review this information annually, before the season start-up.

Make these periodic reviews of SAFETY and USAGE a standard practice for all of your equipment.

This form is provided for your record keeping to show that all personnel who will be working with the equipment have read and understand the information in this manual. Copy this page to continue record.

Date	Employee's Signature	Employer's Signature

PRODUCT REGISTRATION FORM

Attention Dealers:
You can register products online through the Dealer Login: http://dealers.meridianmfg.com/login/

It is mandatory to register your product in order to qualify for future warranty claims that may arise. Knowingly falsifying information on this form will result in the voiding of the product warranty.

You may scan/photograph this completed form (must be legible), email it to: register@meridianmfg.com
A copy of this form may also be mailed to Meridian Manufacturing Inc.

Buyer's Name _____ Dealer's Name _____

Address _____ Address _____

City, State _____ City, State _____

Zip Code _____ Zip Code _____

Phone Number _____ Phone Number _____

Note: Registering a product in multiple entry format is only allowed when the product has the same model number and the same dealer, however each serial number must be legibly listed for each unit. Delivery dates for a multiple entry must be within a one month time frame.

Model # _____ Serial # _____

Invoice Date _____

Important: Please send this form to the Meridian Manufacturing Inc. location which built this product being registered. If you require further assistance call you're dealer or the Meridian outlet nearest to your location.

We want to thank you for purchasing a Meridian manufactured product. Whether this is your first Meridian purchase or you have been a customer for years, you are now part of the Meridian community of customers and we appreciate your business.

It is important that you now complete the product registration information and this form indicating you have received delivery. This registration and information is necessary to ensure you have access to warranty and product updates in the event it be required in the future.

Registration can be completed by using this form or visiting your dealer who will complete the form online. You will be given access to the Meridian Community and become eligible for updates, special offers and prizes.

Again, thank you for choosing Meridian.

I have thoroughly instructed the buyer on the above described equipment. The review included the content of this manual, equipment care, adjustments, safe operation and warranty policy.

Date _____ Dealer's Signature _____

The above equipment and this manual have been received by me. I have been thoroughly instructed as to care, adjustments, safe operation and applicable warranty policy.

Date _____ Buyer's Signature _____

MERIDIAN MANUFACTURING INC.
2902 EXPANSION BLVD. STORM LAKE, IA 50588
T: (800) 437-2334 P: (712) 732-1780 F: (712) 732-1028
www.meridianmfg.com iowa_warranty@meridianmfg.com

DEALER INSPECTION REPORT

Unit's Model Number _____ Unit's Serial Number _____

- ☐ Make sure the cap of the emergency vent will raise off of the base.
- ☐ Make sure the "Tank Vent" warning label is attached to the fill cap.
- ☐ If installed, make sure the fuel pump is working properly.
- ☐ Make sure the owner is familiar with hooking up the electrical power for the fuel pump.

CERTIFICATE OF ORIGIN

LICENSING INFORMATION Delivery Date _____

DEALER _____ SOLD TO _____

Address _____ Address _____

City _____ City _____

State _____ State _____

Zip Code _____ Zip Code _____

Phone Number _____ Phone Number _____

Unit's Model Number _____ Unit's Serial Number _____

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Section 1: INTRODUCTION

Thank you for choosing a Meridian® Fuel Tank.

Codes, Regulations and Guidelines:
Designed and built to meet UL 142 standards to give years of environmentally safe, trouble-free use. To ensure this performance, it is critical that everyone who will be working around or maintaining the tank, read and understand the Safety, Operation and Maintenance information within this manual.

Fuel storage tanks fall under a variety of governmental jurisdictions; therefore the references in this manual are provided only as a general outline. You may be subject to different legislation and governing bodies in your specific location.

IT IS THE TANK OWNER'S RESPONSIBILITY TO DETERMINE WHAT CODES AND REGULATIONS MUST BE FOLLOWED IN YOUR LOCAL AREA.

Meridian Manufacturing Inc. assumes no responsibility for any errors that may appear in this manual and shall not be liable under any circumstances for incidental, consequential or punitive damages in connection with, or arising from, the use of this manual.

Information provided herein is of a descriptive nature. Meridian Manufcturing Inc. reserve the right to modify the equipment design and specifications without any preliminary notice.

SERIAL NUMBER

The serial number is located above the document holder.

Have the serial number available when communicating with the dealer or factory and requesting service or asking for information.

Tank Model No: _____

Tank Serial No: _____

Auxiliary Equip: _____

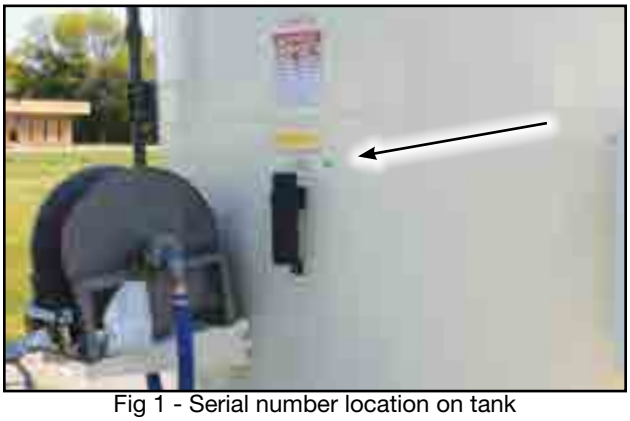


Fig 1 - Serial number location on tank

DISPOSAL OF EQUIPMENT AT END OF USEFUL LIFE

The fuel tank has been designed for the specific purpose of storing diesel fuel. When this tank is no longer capable of performing its designed purpose, it should be dismantled and scrapped. Do not use any materials or components from this tank for any other purpose.

SPECIFICATIONS

Meridian® fuel tanks are designed to meet UL 142 standards for strength and durability. They can accommodate a variety of fuel types and features a 100% containment system that is designed to prevent costly leaks.

Standard Features:
- UL 142 Approved
- 100% Secondary Containment
- Heavy Gauge Steel Construction
- Lifting Lugs
- Emergency Vents
- 24" Man-Way
- Premium Powder Coat Finish

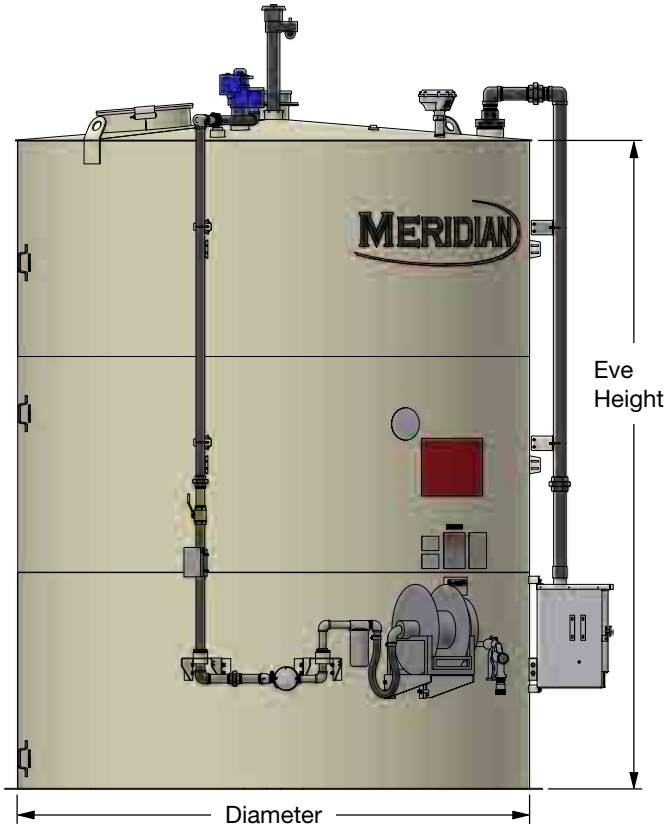


Fig 2 - Tank measurements

Table 1 - Single Wall Specifications (Approx.)

VOLUME (GALLONS)	DIAMETER	EVE HEIGHT	WEIGHT
4,000	8'	12'	3,550 lb
5,000	8'	15'	4,150 lb
8,500	12'	11'	5,600 lb
10,000	12'	13'	6,200 lb
12,000	12'	15'	6,800 lb
15,000	12'	19'	7,900 lb
20,000	13'-6"	20'	9,600 lb
25,000	13'-6"	25'	11,200 lb
30,000	13'-6"	30'	12,800 lb

Table 2 - Double Wall Specifications (Approx.)

VOLUME (GALLONS)	DIAMETER	EVE HEIGHT	WEIGHT
4,000	8'	12'	6,400 lb
5,000	8'	15'	7,600 lb
8,500	12'	11'	10,100 lb
10,000	12'	13'	11,250 lb
12,000	12'	15'	12,400 lb
15,000	13'-6"	15'	14,500 lb
20,000	13'-6"	20'	17,750 lb

Section 2: SAFETY

The Safety Alert Symbol means:

ATTENTION!
BECOME ALERT!
YOUR SAFETY IS INVOLVED!

3 Big Reasons why safety is important to you:

- Accidents Disable and Kill
- Accidents Cost
- Accidents Can Be Avoided

The Safety Alert Symbol identifies important safety messages on the fuel tank and in this manual.

The following signal words are used in this manual to express the degree of hazard for areas of personal safety.

When you see the symbol and/or the signal words described below, obey the accompanying message to avoid possible injury or death.

⚠ DANGER — Indicates a hazardous situation that, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations. Typically for machine components which, for functional purposes, cannot be guarded.

⚠ WARNING — Indicates a hazardous situation, if not avoided, could result in death or serious injury. This word identifies hazards that are exposed when guards are removed. It may be used to alert against unsafe practices.

⚠ CAUTION — Indicates a hazardous situation, if not avoided, could result in minor or moderate injury. It may be used to alert against unsafe practices.

NOTICE — Indicates practices or situations which may result in the malfunction of, or damage to equipment.

SAFETY INSTRUCTIONS — Safety instructions (or equivalent) signs indicate specific safety-related instructions or procedures.

2.1 SAFETY ORIENTATION

YOU are responsible for the SAFE usage and maintenance of your Meridian® Fuel Tank. Be sure that everyone who will maintain or work around it, is familiar with the safety, maintenance procedures.

This manual will take you step-by-step through your working day. It will alert you to all the safe practices that should be adhered to while using the tank.

Remember, you are the key to safety. Good safety practices not only protect you but also the people around you. Make these practices a regular part of your safety program. Be certain that everyone who will work with this equipment follows these procedures.

Most accidents can be prevented. Do not risk injury or death by ignoring good safety practices.

- Fuel tank owners must give instructions to employees before allowing them to use the tank.
  - Procedures must be reviewed annually thereafter, as per OSHA (Occupational Safety and Health Administration) regulation 1928.57.

- Think SAFETY! Work SAFELY!

2.2 GENERAL SAFETY

- Read and understand the owner's manual and all safety decals before using or maintaining the fuel tank.

- The Fuel Tank has been designed for the specific purpose of storing gasoline or diesel fuel. DO NOT modify or use this tank for any application other than which it was designed.

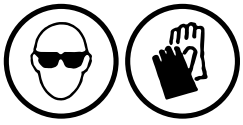
- Only trained, competent persons shall use the tank. An untrained person is not qualified to use it and operate its auxiliary equipment.

- Have a first-aid kit available for use should the need arise.

- Provide a fire extinguisher for use in case of an accident. Store in a highly visible place.

- This tank is not intended for use by children.

- Wear personal protective equipment (PPE). This list may include but is not limited to:
  - Eye protection
  - Work gloves
  - Respirator or filter mask
  - Hi-Visibility safety vest



- Stay away from power lines. Electrocution can occur without direct contact.

- Never use alcoholic beverages or drugs which can hinder alertness or coordination while using the tank.
  - Consult your doctor about operating machine while taking prescription medications.

2.3 EQUIPMENT SAFETY GUIDELINES

- Safety of the workers and bystanders is one of the main concerns when designing and developing this fuel tank. However, every year many accidents occur which could have been avoided by a few seconds of thought, and a more careful approach to handling equipment.

- In order to provide a better view, certain photographs or illustrations in this manual may show an assembly with safety guards removed.
  - Equipment should never be used in this condition. All guards must be in place. If removal becomes necessary for repairs, replace the guard prior to use.

- This equipment is dangerous to children and persons unfamiliar with its operation.

- NEVER lift or attempt to transport the tank when it contains fluid.

- Use care when climbing the ladder or working on the platform to prevent injury from falling.

- Keep the ladder and platform clean and free of debris.

- Do not modify the equipment in any way. Unauthorized modification result in serious injury or death and may impair the function and life of the equipment.

2.4 SAFETY DECALS

- Keep safety decals clean and legible at all times.

- Replace safety decals that are missing or have become illegible.

- All safety decals have a part number in the lower right hand corner. Use this part number when ordering replacements.

- Safety decals are available from your authorized distributor, dealer's parts department or from the factory.

2.4.1 Applying Decals:

1. Be sure the application area is clean and dry. Ensure the surrounding temperature is above 10°C (50°F).
   a. Remove all dirt, grease, wax from the surface.
   b. Clean the area with a non-ammonia based cleaner.
   c. Wipe the clean surface with isopropyl alcohol on paper towel, and allow to dry.

2. Determine the exact position before you remove the backing paper.

3. Peel a small portion of the split backing paper.

4. Align the decal over the specified area. Use a squeegee to carefully press the small portion, with the exposed adhesive backing, into place.

5. Slowly peel back the remaining paper and carefully smooth the rest of the decal into place.

6. Small air pockets can be pierced with a pin and smoothed out using the squeegee, or a piece of sign backing paper.

2.5 DECAL LOCATION

The following illustrations show the decals and their general locations on the fuel tank. The position of decals may vary depending on the tank's options. Decals are not shown at actual size.

1. UL Approval Plate (part #18438)

2. Serial Number Decal

3. Strap Down Hook Decal (part #12844)

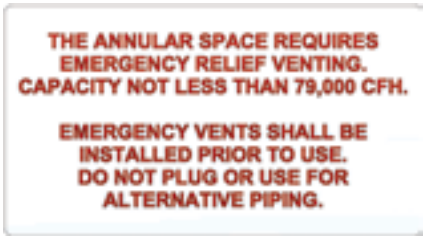
4. Emergency Vent ID Decal (part #17747)

5. Emergency Venting Decal (part #20105)

6. Stationary Installation Decal (part #19056)

7. Tank Danger Decal (part #20048)

8. Emergency Vent-Primary Decal (part #17826, 17828, or 18439)



9. Emergency Vent-Annular Decal (part #17827, 17829, or 18440)

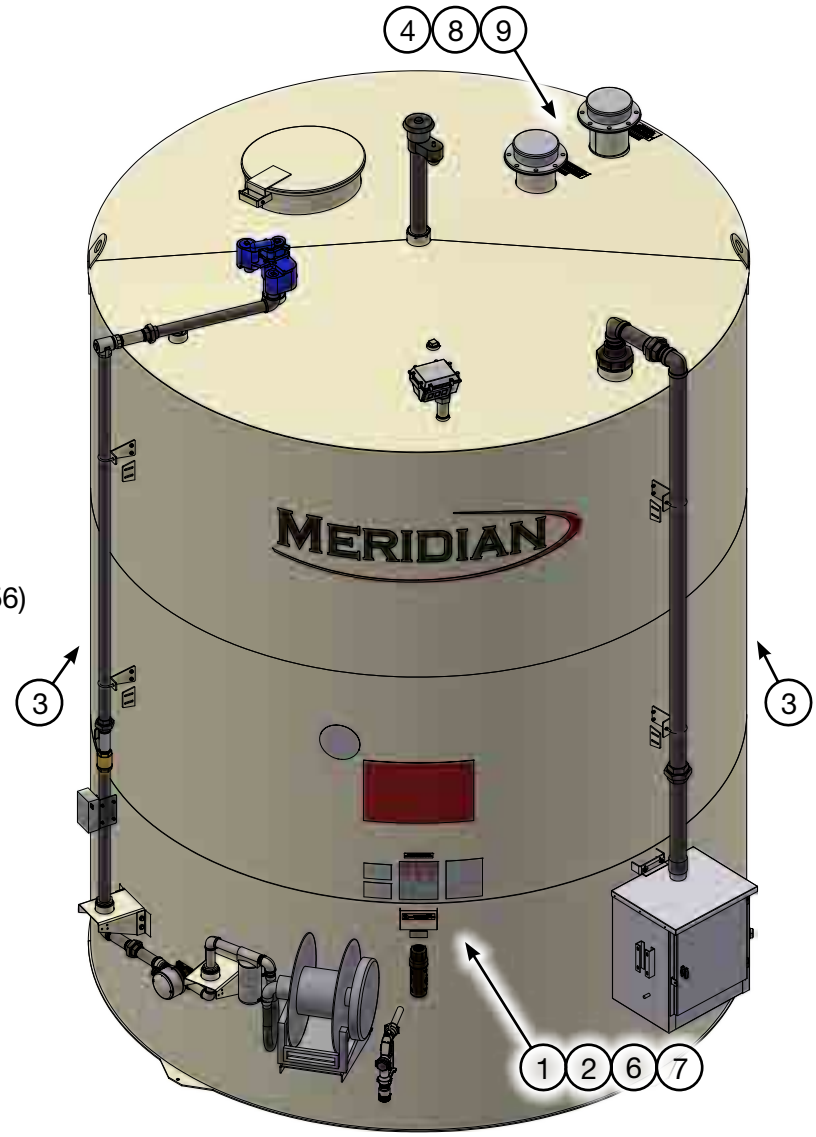


Fig 3 - Tank decal location

2.6 EMERGENCY VENT SAFETY SIGN

Each fuel tank is equipped with emergency tank vents. These emergency vent(s) are designed for use on above ground storage tanks, as a code requirement that helps prevent tanks from becoming over-pressurized or rupturing if exposed to fire.

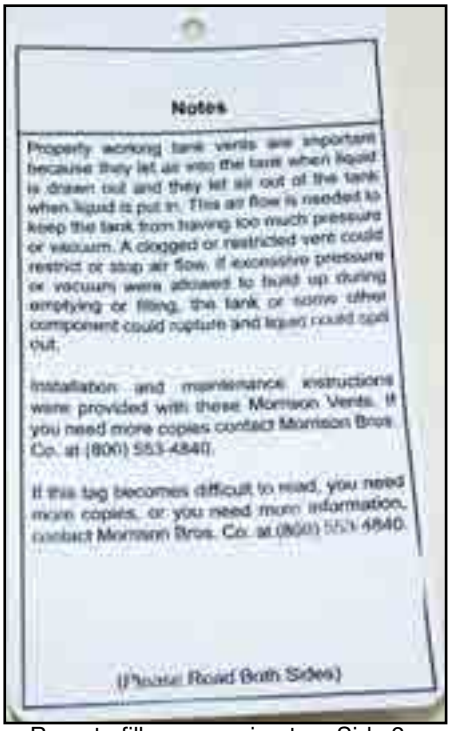
Fig 5 - Vent cap

Fig 6 - Vent cap tag

Attach the warning tag to the fill cap with the supplied tie cable.


Fig 4 - Remote fill cap warning tag

Remote fill cap warning tag, Side 1



Remote fill cap warning tag, Side 2

2.7 TANK LABELING

In addition to the safety signs that are supplied on the tank, states generally require permanent tank markings indicating the product stored and system specifications.

Check with your local permitting authority for the requirements that apply to your installation.

Markings that are commonly required include:

1. The petroleum product stored in the tank (diesel, gasoline, No. 2 fuel oil, used oil for recycling, etc.)

2. The safe fill volume or fill height. This level corresponds to the product level that will activate the high level alarm installed on the tank.

3. Lettering such as "FLAMMABLE - KEEP FIRE AND FLAME AWAY".

4. The appropriate national fire rating system symbol as established by NFPA-704, Identification of Fire Hazards and Materials (known as the NFPA 4-color hazard identification symbol).

The NFPA decal, also known as the hazard identification system, consists of a diamond shape symbol that provides emergency response personnel with information concerning the health hazard, fire hazard, reactivity hazard and any specific hazard the contents of the tank may exhibit.

These hazards are represented using a standard rating system to ensure consistency. Therefore, a tank storing diesel fuel will always display the same hazard codes. The appropriate symbols for diesel fuel and gasoline are shown here.

Fig 7 - NFPA Diesel symbol

Fig 8 - NFPA Gasoline symbol

2.8 ENVIRONMENTAL REGULATIONS

- The fuel tank installer shall ensure that all environmental requirements are taken and implemented in accordance with the local authority having jurisdiction.

- This tank must be installed by a qualified tank installer who shall consult with the proper authorities with jurisdiction to ensure all requirements of UL 142 and all Federal, State and Local codes are being met prior to installation. Failure to do so, could void your warranty.

- Protect Fuel Tank Against Vehicle Traffic:
  The installer is to ensure that the fuel tank is adequately protected against damage from vehicular traffic in compliance with all Federal, State and Local Codes.

- Regular Inspection and Maintenance:
  The fuel tank is to be inspected annually and any repairs to the exterior coating shall be made at the time of inspection in accordance with the coating manufacturer's instructions.

2.9 FUEL TANK SAFETY

- Do not lift or transport the tank when it contains fluid.

- Install the tank away from buildings, property lines, public paths or high traffic areas.

- Protect the tank against damage from vehicular traffic in compliance with all Federal, State and Local Codes.

- Install the tank on a well prepared, level base designed to hold the tank full of liquid.

2.10 FUEL TRANSFER SAFETY

- Procedures must be in place when transferring fuel from a delivery vehicle to the tank. Although some transfer procedures are unique to some facilities, the following general safety procedures must always be followed:
  - Read operator manual before using fuel tank.
  - DO NOT smoke when operating or refueling the fuel tank.
  - Keep sparks, flames & hot material away from the fuel tank.
  - Turn vehicle ignition off and remove key from ignition before refueling.
  - Keep vehicles at least 1.5 m (5') away from the fuel tank at all times.
  - Never leave the tank unattended while refueling is in process.
  - DO NOT overfill. 95% capacity is the maximum legal limit.
  - Always turn pump off when finished fueling operations.
  - Always store pump nozzle in drip pot when not in operation.

- ALWAYS determine how much fuel your tank can safely hold. Over filling the tank will cause spills. Check the fuel level by dip checking the tank prior to any fuel transfer. Instructions on the correct procedure for dip checking a tank can be found in this manual.

- DO NOT OVERFILL. Determine a Safe Gauge Height (SGH) this is how much fuel a tank can hold allowing for expansion due to temperature variations. A good rule of thumb is in summer months the tank should not be more than 90% full and in winter the tank should not be more than 95% full.

- ALWAYS start the fuel transfer at a reduced rate. This reduces the potential for the build up of static electricity.

- ALWAYS maintain good communication with the driver of the delivery vehicle. Poor communication between the tank operator and the delivery driver often leads to spills and accidents.

2.11 GASOLINE AND DIESEL FUEL SAFETY

⚠ DANGER

INHALATION HAZARD

- Always avoid breathing fuel vapors or mists which may cause dizziness, drowsiness, moderate eye irritation, and/or skin irritation (rash).
- Excessive exposure may cause irritations to the nose, throat, lungs, and respiratory tract. Central nervous system (brain) effects may include headache, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.
- In case of inhalation, move the person to fresh air. If the person is not breathing, provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so.
- Seek medical attention immediately.

⚠ WARNING

FIRE AND EXPLOSION HAZARDS

- Gasoline is a Class IB Flammable Liquid, and is highly flammable.
- Diesel fuel presents a moderate fire hazard.
- Vapors may be ignited rapidly when exposed to heat, spark, open flame, or other source of ignition.
- When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces.
- Being heavier than air, vapors may travel long distances to an ignition source and flash back.
- Runoff to sewer may cause fire or explosion hazard.

⚠ WARNING

INGESTION HAZARD

- The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting.
- Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure, and even death.
- Ingestion will cause gastrointestinal disturbances, including irritation, nausea, vomiting and diarrhea, and central nervous system (brain) effects similar to alcohol intoxication. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.
- In case of ingestion:
  - DO NOT INDUCE VOMITING.
  - Do not give liquids.
  - Obtain immediate medical attention.
- If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Monitor for breathing difficulties.
- Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

⚠ WARNING

EYE PROTECTION

- Safety glasses or goggles are recommended where there is a possibility of splashing or spraying.
- Contact with liquid or vapor may cause mild irritation.
- In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Seek medical attention.

⚠ CAUTION

SKIN PROTECTION

- Contact with diesel fuel may cause skin irritation with prolonged or repeated contact.
- Wearing gloves constructed of nitrile, neoprene, or PVC are recommended when in close contact with diesel fuel.
- Chemical protective clothing should also be worn.
- Long-term, repeated exposure to diesel fuel may cause skin cancer.
- In case of contact with skin, remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or waterless hand cleanser. Obtain medical attention if irritation or redness develops.

⚠ WARNING

STORAGE PRECAUTIONS

- Keep away from flame, sparks, excessive temperatures, and open flame.
- Keep tank fill port closed because an empty tank may contain explosive vapors.
- Do not pressurize, cut, heat, weld, or expose tanks to sources of ignition.
- Store the tank in a well-ventilated area. Avoid storage near incompatible materials.

2.12 U.S. FEDERAL, STATE, AND LOCAL REGULATORY INFORMATION

SAFETY INSTRUCTIONS

- Diesel fuel is on the EPA TSCA Inventory.
- Any spill or uncontrolled release of this product, including any substantial threat of release, may be subject to federal, state and/or local reporting requirements.
- This product may also be subject to other regulations at the state and/or local level.
- Always consult the regulations applicable to your area prior to operation.

2.13 BIODIESEL

Biodiesel is a fuel made from vegetable oil or animal fat that has been processed to meet the requirements of ASTM D6751 standard.

- Unprocessed or recycled vegetable oils are not biodiesel.

Biodiesel is often blended with petroleum diesel fuel. When blended, the resulting fuel is known by the percentage of biodiesel in the blend:

- 20% biodiesel blend with 80% petroleum diesel is known as B20.
  - Blends with 20% biodiesel or less (B1-B20) are generally treated like petroleum diesel fuel.
- Pure biodiesel is B100.

B100 (100% biodiesel) that meets ASTM D6751 has a "gel" point of 38°F (3.3°C). In some situations, tank and pipeline heaters may be needed to keep the temperature of the B100 above 40°F.

Biodiesel has scrubbing and cleaning properties that tend to loosen rust, varnish, and dirt in storage tanks, piping, and equipment. The resulting debris can clog filters and screens, or damage equipment. It is important to take precautions to prevent problems when first using biodiesel.

The shelf life of biodiesel is six months for best performance. Microbial growth may occur if biodiesel is stored for longer periods.

NOTICE

- The standard pump and meter are not compatible with biodiesel fuel blends greater than 20% (B20).
  - Damage to the seals will occur.
- For fuel with more than 20% biodiesel, use a pump and meter specifically designed for biodiesel fuel blends.

Section 3: SITE AND INSTALLATION

⚠ WARNING

- Read and understand all related OEM manuals, and all safety decals, before using.
- Never lift or attempt to transport tanks containing fluid.
- Inspected the fuel tank annually.
- Ensure that all environmental requirements are taken and implemented in accordance with the local authority having jurisdiction.
- Ensure that the fuel tank is adequately protected against damage from vehicular traffic in compliance with all Federal, State and Local Codes.

This document only covers general installation instructions. Consult the correct authority having jurisdiction in your area prior to tank installation.

IMPORTANT:

This tank must be installed by a qualified tank installer who shall consult with the proper authorities with jurisdiction to ensure all requirements of UL 142 and all Federal, State and Local codes are being met prior to installation. Failure to do so, could void your warranty.

Note:

All timber/crates used in shipping must be completely removed from the tank prior to installation.

3.1 SITE SELECTION

The tank must be sited such that it is accessible to employees, fuel delivery drivers, and emergency responders, but not near traffic patterns.

- It should be located a minimum of 50 feet away from buildings, creeks, roads, wells, power lines, grain bins, and property lines.
- It should be located a minimum 100 feet from residences.
- Do not place the tank where welding and cutting torches are likely to be used.
- Flat ground is required so that a spill or leak will not run downhill toward creeks, ditches, tiles, or drains.
- The area under and around the tank should be sufficiently impermeable to retain a discharge until cleanup can occur.
- If the area is subject to flooding, the tank must be protected from flotation.

3.2 PERMITTING

To install an above-ground fuel storage tank, a permit is usually required by local authorities, which may include the local Fire Department and/ or Building Department.

The following information is typically required to be submitted:

- Size and type of tank.`
- UL listing of the tank.
- What the tank will be used for.
- Location of the tank.
- Containment being provided.
- Pump and monitoring equipment being used.
- Location of the fill/vent piping and containment being provided.

3.3 TANK FOUNDATION

The foundation specifications will depend on your local soil conditions. It must be located on a suitable foundation constructed of concrete, asphalt, gravel, or other stable material.

Meridian Manufacturing Inc. will not assume any liability for results arising from a poorly prepared foundation.

Meridian strongly advises you to consult a civil engineer regarding the site you choose. A professional engineer will check the soil conditions and soil load bearing capacity.

- They can use the tank's empty and full weights to advise on preparing the proper base.
- Provisions must be included to prevent tank movement, and must drain surface water away from the tank.

The site should be in a well-drained location with all silt, organic, and loose soil removed. Topsoil should be excavated, and a gravel foundation be laid.

The gravel foundation should be FIRMLY PACKED, uniform, level and extend beyond the perimeter of the tank. It should not vary by more than 1/4" over a span of four feet. It must be capable of carrying 100% of the weight of the full tank.

3.4 TANK INSTALLATION

DO NOT handle or install the tank without having knowledge and experience in procedures involved with proper and safe installation of an above-ground tank used for storage of flammable and combustible liquids.
• Always use skilled, professional installers.

Equipment for handling the tank must be of adequate size to lift and position the tank.
• Move the tank using the lifting lugs provided.
• **NEVER** lift or transport tanks that contain fluid.
• **DO NOT** drop or drag the tank.

Mounting Fuel Tank to Concrete Pad:
The tank should be securely anchored to the concrete pad using eight 1/2" anchor bolts to prevent shifting when full or empty.

Inspecting Fuel Tanks:
The tank installer shall ensure that all fittings, have not loosened during transportation. They must be sealed and tight.

Check all painted areas of the tank for damage due to shipping and also at final installation. All scratched or scuffed areas must be touched up with paint prior to use. If the damages are deemed to affect the integrity of the tank, contact your distributor or dealer prior to putting any product in the tank.

Installation of Tank Venting:
The emergency vents are installed by Meridian. The normal vent is to be field-installed by a qualified tank installer before the tank is placed into service. It will prevent pressure or vacuum inside the tank during filling, emptying, or atmospheric temperature changes that may occur. The design of the normal vent will not allow flame impingement onto the surface of the tank in the event of vapor ignition.

Containment Tank Inspection:
The containment tank should be checked on a regular basis, to confirm that neither precipitation or product has accumulated therein. The disposal of any liquid found in the containment tank shall be disposed of in accordance with the requirements of the authority having jurisdiction.

Environmental Regulations:
The fuel tank installer shall ensure that all environmental requirements are taken and implemented in accordance with the local authority having jurisdiction.

Protect Fuel Tank Against Vehicle Traffic:
The installer is to ensure that the fuel tank is adequately protected against damage from vehicular traffic in compliance with all Federal, State and Local Codes.

NOTICE

CORROSION HAZARD
Microbial corrosion can be caused by water & debris getting into the tank.

Regular Inspection and Maintenance:
The fuel tank must be inspected regularly. All repairs to the exterior coating shall be made at the time of inspection in accordance with the coating manufacturer's instructions.

Refer to the Petroleum Equipment Institute (PEI) website or Steel Tank Institute for more information on removing water and debris, and preventing corrosion inside the tank.

3.5 ELECTRICAL WIRING FOR FUEL PUMP

⚠ WARNING

- Improper installation or use of this pump can result in serious bodily injury or death!
- Electrical wiring should be performed ONLY by a licensed electrician in compliance with local, state, and national electrical code NEC/ANSI/NFPA 70, NFPA30, and NFPA 30A, as appropriate to the intended use of the pump.

1. Verify the operating voltage located on the pump's nameplate.
2. Verify the power for the pump is supplied from a dedicated 20 amp circuit breaker.
   - No other equipment should be powered by this circuit.
3. Make sure the wiring is of sufficient size to carry the correct current for the pump.
   - Voltage drop will vary with distance from the source to the pump and the size of the wire.
   - Refer to the National Electrical Code (NEC), or local codes, for Voltage Drop Compensation to be sure you are using the correct size wire for your application.
4. Remove the junction box cover to access the wire ends.
5. Route the power source wiring through conduit with sealed fittings.
6. Connect the pump wires to the power source according to the OEM wiring diagram.
   - Install the appropriate wire nuts or other connectors.
7. Connect the ground wire.
   - The pump must be properly grounded.
8. Place the wires back into the junction box.

⚠ CAUTION

If the pump is equipped with an "AUX" circuit, this wire is normally "A LIVE WIRE" when the pump switch is in the ON position.

- Normally an "AUX" lead wire is insulated and enclosed in the junction box.
- DO NOT connect this wire without first verifying the "ON" line voltage of the wire for compatibility with the equipment to be installed.
- Verify the maximum amperage on this wire before attaching it to any auxiliary device.
- The "AUX" wire must be insulated and enclosed in the junction box if it is not used.

9. Install the junction box cover
   - Be sure the gasket is in place.
   - The screws draw the cover tight against the junction box.
   - There must be no gap between the junction box and its cover.

Section 4: OPERATION

⚠ DANGER

- This Fuel Tank is only intended for use with diesel fuel. DO NOT fill with any flammable liquid, such as gasoline or kerosene.
- Storing any other flammable or combustible liquid could result in a fire and explosion, causing serious injury or death.

⚠ WARNING

- Read and understand all related OEM manuals, and all safety decals, before using.
- DO NOT smoke when using fuel tank.
- A fire extinguisher should be within reach.
- Keep sparks, flames & hot material away from the fuel tank.
- Turn vehicle ignition off and remove key from ignition before refueling.
- Keep vehicles at least 5 feet (1.5 m) away from the fuel tank at all times.
- NEVER leave the tank unattended while refueling is in process.
- ALWAYS turn pump off when finished fueling.
- DO NOT OVERFILL. 95% capacity is the maximum legal limit.
- ALWAYS store pump nozzle in drip pot when not in operation.
- ALWAYS determine how much fuel your tank can safely hold. Over-filling the tank will cause spills. Check the fuel level by dip checking the tank prior to any fuel transfer.
- ALWAYS start the fuel transfer at a reduced rate. This reduces the potential for the build up of static electricity.
- ALWAYS maintain good communication with the driver of the delivery vehicle.
- DO NOT modify or use the tank for any application other than what it was intended.

It is the responsibility of the owner and operators to read this manual and to train all personnel before they start to use the tank. By following recommended procedure, a safe working environment is provided for the operator, co-workers and bystanders in the area around the work site.

By following these instructions, in conjunction with a good maintenance program, your tank will provide many years of trouble free storage.

4.1 TANK COMPONENTS

Port and vent sizes may vary. Component positions may change, depending on tank size included options.

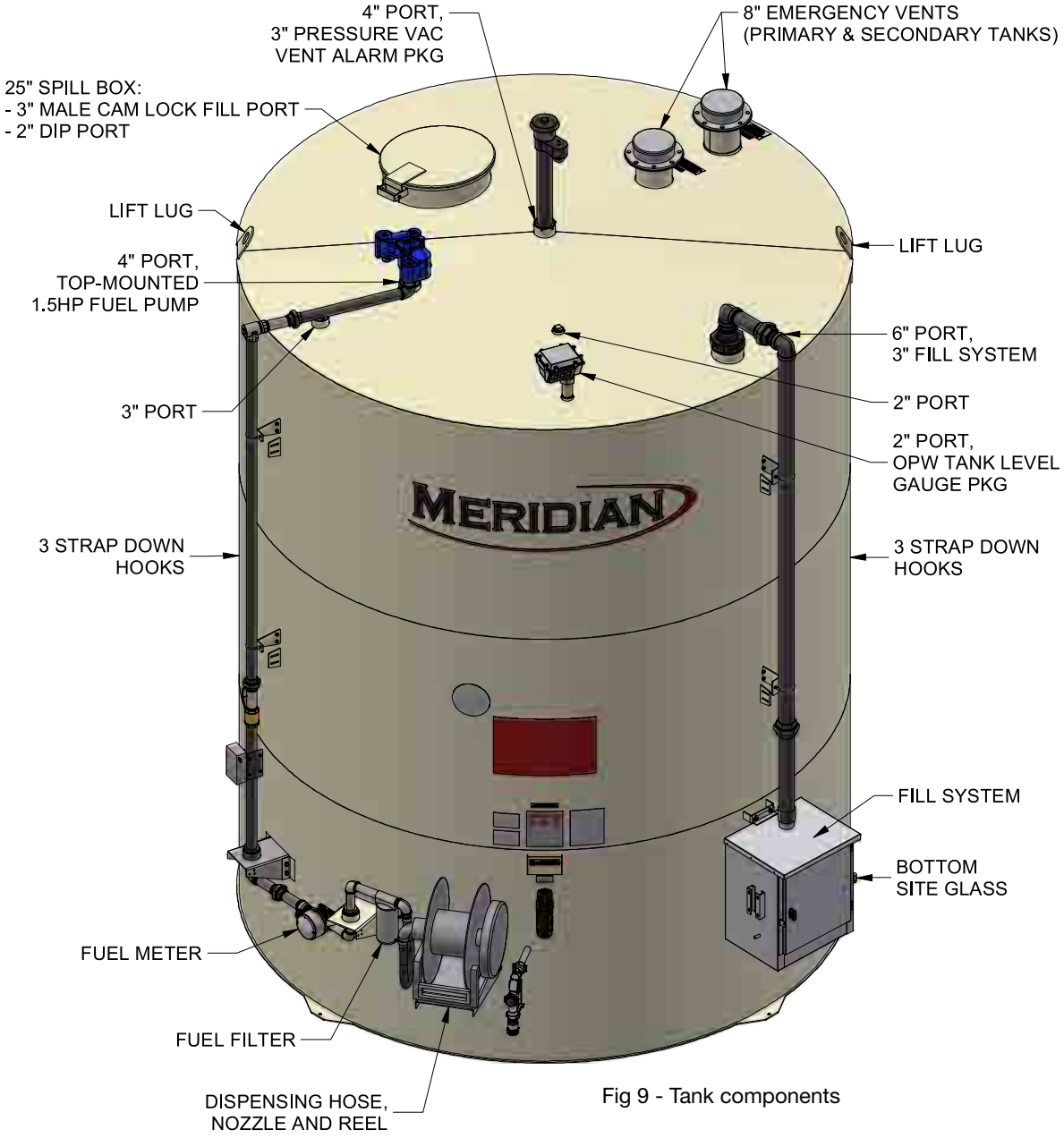


Fig 9 - Tank components

4.2 COMPONENTS AND CONTROLS

Before working with this tank, all operators must familiarize themselves with the location and function of the components and controls.

Locations of components and options may vary.

Spill Box:
The 25 inch spill box is lockable. It contains:
- 3" male cam lock fill port.
- 2" dip port


Fig 10 - Inside lockable spill box

Lift Lugs:
There are two Lifting Lugs on the tank.

NOTICE

LIFTING HAZARD
Never lift tank with fuel inside.


Fig 11 - Tank level gauge

Tank Level Gauge:
This gauge give a general reading of the amount of fuel in the tank.


Fig 12 - Emergency vents

Emergency Vents:
Regularly check the vents to ensure that they are open and clear of obstructions.

Top-Mounted Fuel Pump:
A 1.5 HP pump is used to dispense the fuel.


Fig 13 - Top-mounted fuel pump

Pressure Vac Vent Alarm (Optional):
An vent/overflow alarm is an available option.

Fuel Shut-Off Ball Valve:
Always close the ball valve when not using the dispensing system.

Fig 14 - Fuel line components

Fuel Line Control Box (Optional):


Fig 15 - Control box

Fuel Meter:
This meter indicates the number of gallons used at the time of dispensing fuel. It may also give a continuous read-out of the total gallons used.

Fig 16 - Fuel meter

Inline Fuel Filter:

Dispensing Hose:

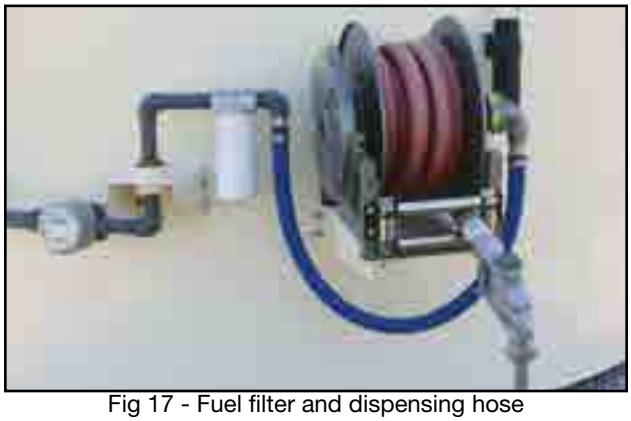


Fig 17 - Fuel filter and dispensing hose

Remote Fill Box (Optional):
Always lock the fill box when not in use, to keep the tank from being tampered with.


Fig 18 - Remote Fill Box


Fig 19 - Inside Remote Fill Box

Interstitial Space Sight Glass:
This sight glass is used to visually monitor the space between the inner and outer barriers of a double-wall tank.


Fig 20 - Interstitial Space Sight Glass

4.3 INSTRUCTIONS FOR FUEL DELIVERY PERSONNEL

1. **T**he fuel delivery personnel shall ensure that all applicable Federal, State and Local Codes are met during the filling of the tank.

2. The delivery personnel shall be familiar with, and trained on, proper above ground tank filling procedures.

3. The delivery personnel responsible for transferring product to an above ground tank shall take all reasonable steps to prevent spillage.

4. The delivery personnel shall remain in constant view of the transfer nozzle and fill pipe and shall be in constant attendance at the discharge control valve when the tank vehicle is being unloaded.

4.4 FILLING THE FUEL TANK

⚠ WARNING

DO NOT dispense fuel when transfer is in process

1. Have a pre-transfer meeting with the delivery vehicle operator, to determine the correct product is being transferred into the correct tank.

2. Inspect the emergency vent prior to filling the tank or fueling equipment for the following:
   a. Clogged or restricted vents that could cause damage to the tank.
   b. Dust, debris, ice, snow, or other contaminants that could clog or restrict the vent.
   c. In freezing weather conditions, inspect the vents immediately before filling the tank or fueling equipment.
   d. Do not fill or use fuel from the tank unless you are certain that the tank vents will operate correctly.

SAFETY INSTRUCTIONS

Never obstruct the emergency vent by placing any object on top of the cap.

3. Connect the ground cable to the tank.

4. Check the tank liquid level and confirm that the planned delivery load will fit into the tank.
   - Verify the product in the tank matches the product being delivered.

5. Connect the delivery hose to the hose coupling.

6. Open the valve on delivery truck.

7. Open the valve on the tank fill coupling.

8. Start the delivery pump.

9. DO NOT WALK AWAY DURING TRANSFER.
   - Continuously monitor the transfer of fuel.
   - At all times, keep open communication between delivery vehicle and tank operator.
   - **DO NOT OVERFILL**.

Guidelines:

In summer, fill tank no more than 90% full.
In winter, fill tank no more than 95% full.

10. Stop the delivery pump when tank has reached the predetermined fill level.

11. Close the valve on delivery truck.

12. Close the valve on the tank fill coupling.

13. Disconnect the delivery hose from the tank fill coupling.

14. Disconnect the ground cable.

4.4.1 Filling Fuel Tank Using the Optional Remote Fill Box

1. Connect the ground cable to the tank.

2. Check tank liquid level and confirm that the planned delivery load will fit into tank.
   - Verify the product in the tank matches the product being delivered.

3. Unlock and open the door of the remote fill box.

4. Verify that the drain plug is sealed and properly tightened.

5. Connect the delivery hose to the hose coupling inside the remote fill box.

6. Open the valve on delivery truck.

7. Open the large ball valve inside the remote fill box.

8. Start the delivery pump.

9. DO NOT WALK AWAY DURING TRANSFER.
   - Continuously monitor the transfer of fuel.
   - At all times, keep open communication between delivery vehicle and tank operator.
   - **DO NOT OVERFILL**.

Guidelines:

In summer, fill tank no more than 90% full.
In winter, fill tank no more than 95% full.

10. Stop the delivery pump when tank has reached the predetermined fill level.

11. Close the valve on delivery truck.

12. Close ball valve inside the remote fill box.

13. Disconnect the delivery hose from the fill connection inside the remote fill box.

14. Remove any liquid spilled inside the remote fill box by using the hand pump, bailing, and/or mopping with absorbent pads.

Note:

Liquid spilled inside the remote fill box should not be drained to the ground or atmosphere. All hazardous materials must be properly disposed of according to local, state, or federal regulations.

15. If using the hand pump:
   - Open the small ball valve in the hand pump line and actuate the pump.
   - When finished hand pumping the spilled liquid, close the small ball valve.
   - Use absorbent pads to mop up any residual liquid.

16. Close and lock the door.

17. Disconnect the ground cable.

Fig 21 - Hand pump inside fill box

4.5 PUMP OPERATION

1. Position the equipment near the fuel tank.

2. Reset the fuel meter to "0".

Fig 22 - Reset fuel meter

3. Open the fuel shutoff valve.

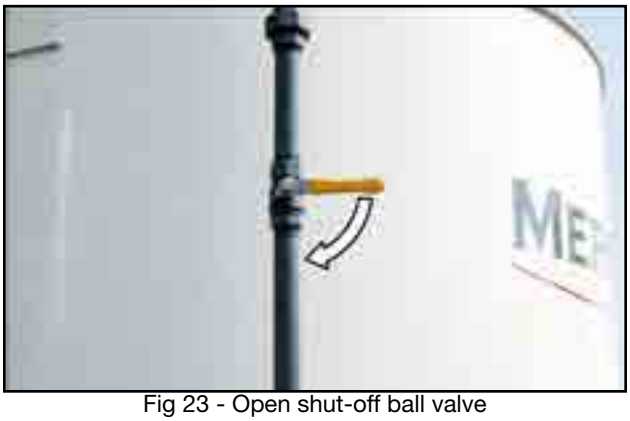


Fig 23 - Open shut-off ball valve

4. Remove the nozzle.

Fig 24 - Remove nozzle

⚠ CAUTION

- Once the pump is turned ON, the fuel hose is pressurized and will pump fuel.
- Do not squeeze the handle on the fuel nozzle until it is inside the fuel tank of the machinery being refueled.

5. Move the ON/OFF lever to the "ON" position to apply power to the pump.

6. Fuel the equipment. Release the nozzle when the desired amount of fuel has been dispensed.

Note:
To minimize static electricity build up, keep the fill nozzle in contact with the equipment being filled during the filling process.

Fig 25 - Turn ON pump lever

7. Move the ON/OFF lever to the "OFF" position to turn off the pump.

8. Remove the dispensing nozzle from the equipment being fueled and store it on the dispenser.

9. Close the fuel shutoff valve.

10. Pad lock the pump nozzle for added security.
    - With the pump turned off, and the nozzle in the stored position, a pad lock can be inserted through the locking link and the nozzle handle opening.
    - This feature prevents the nozzle from being removed from the pump.

NOTICE

The pump motor is equipped with thermal overload protection. If the motor overheats, it will automatically shut off to prevent internal damage.
If this happens, TURN THE PUMP OFF!
When the motor cools, it will restart without warning if the power is on.

Fig 26 - Turn ON pump lever

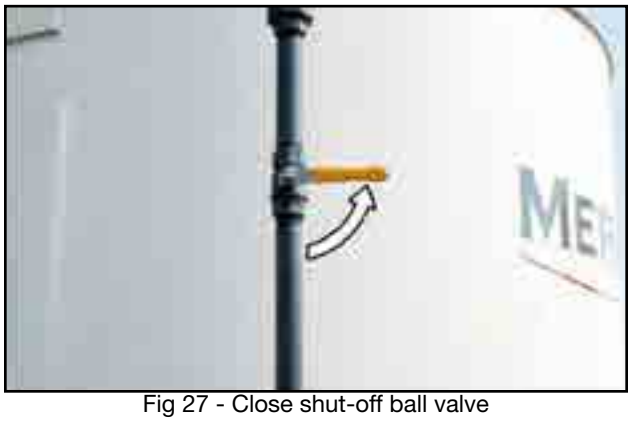


Fig 27 - Close shut-off ball valve

Section 5: SERVICE AND MAINTENANCE

⚠ WARNING

- Review the Operator's Manual and all safety decals before maintaining the tank.
- Enure all power to the pump is turned off prior to performing any service or maintenance.
- DO NOT smoke when inspecting the tank.
- Keep sparks, flames & hot material away from the fuel tank.
- Installed venting must meet industry standards.

5.1 TANK INSPECTION

The tank should be thoroughly inspected regularly, and whenever a repair is made. Documentation of the inspections should be retained for two or three years (federal regulations). Deficiencies noted during the inspection should be corrected as soon as possible.

5.1.1 Daily:

- Visually examination of the tank system for deterioration, including but not limited to the tank and its coating, hoses and fittings, pipes, foundation, and drainage mechanism.
- Check the interstitial space (the space between the walls) of a double-walled tank for accumulation of fuel or water.
- Confirm that all drain valves are securely closed when not in use.
- Inspect the containment area for water or fuel accumulation.
- Inspect the vent(s) and components, including the seal area, for damage, corrosion, excessive wear, dust, debris, snow, or ice.
  - Remove any obstruction.
- Lift the vent cover all the way up and lower it back down onto the body several times.
  - The cover must move freely for the vent to work properly.
  - Replace vent if sticking or binding occurs.
- Check all auxiliary equipment for operational malfunctions.
- Repair any wear or damage to the exterior coating at the time of inspection.
  - Touch up paint finish on the tank as needed.
- Confirm spill kits are immediately accessible.
- Remove vegetation growing around and beneath the tank. Vegetation promotes rust, can disguise a spill, and cause safety issues

5.1.2 Annually:

- Check the secondary containment and internal tank for leakage.
- Check pump and meter for proper operation.
- Check the calibration of the meter, if equipped.
- Make sure the tank's anchor bolts are securely attached to the concrete pad.
- Thoroughly clean the tank and pump.

5.2 CONCRETE SLAB INSPECTION

Check the foundation conditions regularly. Cracks that are more than 1/8 inch wide in the concrete slab indicate significant movement.

Always consult with a professional engineer when foundation problems arise. If severe cracking exists, slab levels should be taken to determine whether any area of the slab is sinking independently.

Subsoil conditions should be monitored to ensure against bearing capacity losses.

5.3 REPLACE EMERGENCY VENT

1. Inspect the replacement unit for shipping damage.
   - Do not install the unit if damage is found.

2. Check the vent openings for foreign matter such as packaging material.
   - Remove any debris or obstructions.

3. Inspect the sealing surfaces between cover and body.
   - Remove any dust or debris.

4. Verify the vent cover is moving freely before and after installation into the tank.

5. Do not paint the vent unless necessary. If painting, extreme caution must be used to make sure the paint does not inhibit proper operation of the vent.

IMPORTANT:
Do not use Teflon® tape to seal threads.

6. Apply a fuel resistant, non-hardening, anti-seize sealant to the threads on the riser pipe.

7. Thread the vent onto the pipe avoiding excessive torque, which may damage the vent.

Note:
There should be no reduction of pipe size between the storage tank and the emergency vent.

8. Attach the included warning tag where it will be visible to the operator fi lling the tank or fueling equipment.

5.4 ELECTRIC FUEL PUMP

⚠ WARNING

- DO NOT open or attempt to repair the motor on the fuel pump. If the pump is damaged or not working.
  - Refer to the Warranty procedures for repair or replacement.

- Disassembling the motor case can compromise the integrity of the explosion-proof construction and will void any existing warranty and certification (UL listing).

IMPORTANT:
Be sure all power to the pump is turned OFF prior to performing any service or maintenance.

5.5 HOSE REPLACEMENT

- Replace the fuel hose with only OEM parts.

- Using other vendors of fuel hose may allow static electricity build up.

- Use only static wire conductive hose when pumping flammable fluids.

5.6 FUEL METER MAINTENANCE

5.6.1 Calibration:

For accurate measurement and to prevent meter damage, the meter and piping must always be filled with liquid and be free of air.

Typically, fuel meters can be calibrated for either U.S. gallons or Litres. Calibration is normally required before installation, after disassembly, after wear due to normal operation, or when changing from gallons to liters.

1. If equipped, verify whether the meter installed on the tank is factory calibrated for U.S. gallons or Liters.

2. Select a container of known volume; a five gallon container or larger should be used.

3. Fill a container to the known volume.

4. Check the reading on the meter.
   - If the meter is incorrect, adjust the calibration screw to obtain either more or less diesel fuel.
   - Follow the OEM instructions for the specific meter being used.

5. Repeat Steps 3 and 4 until the calibration is correct.

5.6.2 Maintenance:

The fuel meter should operate maintenance free. However, certain liquids can dry out while in the meter housing, causing the meter to stop functioning. If this occurs, the meter should be thoroughly cleaned, as per instructions below.

1. Remove the meter from the pump.

2. Pour a flushing fluid into the meter and allow it to penetrate the internal components.

3. If possible, pump the flushing fluid through the meter.

4. If the flushing procedure does not fix the problem, the meter should be repaired by an authorized dealer or replaced.
   - Disassembly is not recommended.

5. Calibrate the meter following the calibration instructions in this section.

5.6.3 Storage:

If the meter is to be stored for an extended period of time, clean it thoroughly to help protect the meter from internal damage.

5.7 REMOVAL FROM SERVICE

Removing a tank from service may be subject to regulation.

If an Above-Ground Storage Tank has remained out of service for a year or more, many states require owners to maintain and monitor the tank, declare the tank inactive, or remove it. If the tank is declared inactive, remove all substances from the AST system (including pipes) and completely clean the inside to a vapor-free condition. Secure the tank by bolting and locking all valves, as well as capping all gauge openings and fill lines.

Clearly label tanks with the date and the words "Out of Service."

Samples may be required when removing tanks to determine if any contamination has occurred. Most States require out-of-service tanks to be inspected and meet leak detection requirements before they are put back into service.

Section 6: TROUBLESHOOTING

This section contains a list of common problems, causes and offers quick solutions to those issues. For more difficult problems contact your authorized dealer, distributor or Meridian Manufacturing Inc. Before you call, have this Operator's Manual and the unit's serial number ready.

⚠ WARNING

- DO NOT open or attempt to repair the motor. Opening the motor will compromise the integrity of the Explosion Proof Construction and will void any existing warranty and certification (UL listing).
- Enure all power to the pump is turned off prior to performing any service or maintenance.
- In "Skid Tank" applications, make sure the tank is properly secured so it cannot shift or move when the tank is empty or full.

Problem	Possible Cause	Possible Solution
Pump Won't Prime	Suction line problem	Check for leaks in suction line
	Bypass valve open	Remove and inspect valve. Must move freely and be free of debris
	Vanes sticking	Check vanes and slots for nicks, burrs and wear
	Excessive rotor or vane wear	Inspect rotor & vanes for excessive wear or damage. Replace if necessary
	Outlet blocked	Check pump outlet, hose, nozzle & filter for blockage
	Vapor Lock	Reduce vertical and horizontal distance from pump to liquid.
		Remove automatic nozzle
Low Capacity	Excessive dirt in screen	Remove and clean screen
	Suction line problem	Check suction line for leaks or restrictions; it may be too small, too long or not airtight
	Bypass valve sticking	Remove and inspect valve; must move freely & be free of debris
	Vanes sticking	Check vanes and slots for wear
	Excessive rotor or vane wear	Inspect rotor & vanes for excessive wear or damage. Replace if necessary
	Hose or nozzle damage	Replace hose or nozzle
	Plugged filter	Replace filter
	Low fluid level	Fill tank

continued on next page

Problem	Possible Cause	Possible Solution
Pump runs slowly	Incorrect voltage	Check incoming line voltage while pump is running
	Vanes sticking	Inspect vanes and slots for nicks, burrs and wear
	Wiring problem	Check for loose connections
	Motor problem	Return to place of purchase
Pump stalls, fuse blows or circuit breaker trips repeatedly	Bypass valve sticking	Remove and inspect valve. Must move freely and be free of debris
	Low voltage	Check incoming line voltage while pump is running
	Excessive rotor or vane wear	Check rotor & vanes for excessive wear or damage
	Debris in pump cavity	Clean debris from pump cavity
Motor overheats	Pumping high viscosity fluids	These fluids can only be pumped for short periods of time (less than 30 minutes duty cycle)
	Clogged screen	Remove and clean screen
	Restricted suction pipe	Remove and clean pipe
	Motor failure	Return to place of purchase
	Pump rotor lock-up	Clean and check pump rotor and vanes
Pump does not operate	No power	Check incoming power
	Switch failure	Return to place of purchase
	Motor failure	Return to place of purchase
	Thermal protector failure	Return to place of purchase
	Incorrect/loose wiring	Check wiring
Pump leaks	Bad O-ring gasket	Check all O-ring gaskets
	Dirty Shaft Seal	Clean seal & seal cavity
	Bad Shaft Seal	Replace seal
	Incompatible Fluid	Refer wetted parts list to fluid manufacturer
	Loose fasteners	Tighten fasteners
Pump hums but will not operate	Dirt in Pump cavity	Clean out pump cavity
	Motor failure	Return to place of purchase
	Broken Key	Remove all debris & replace key
Meter counter is reading high or low	Calibration incorrectly set	Check calibration and recalibrate if necessary
	Air in product	Check for and repair air leaks
	Measuring chamber or gears could be sticking	Clean or replace the internal metering components
Meter shaft seal leakage	Dirty or damaged seals	Clean O-ring and seat area or replace seal
Fuel meter gasket leakage	Loose gasket	Tightening joints
	Damaged gaskets	Replace damaged gaskets. If caused by high-pressure, install pressure relief valve to allow high-pressure to bleed back to tank
Fuel meter low flow capacity	Meter chamber obstructed	Clean clogged meter chamber, clean or replace screens and filters in piping

Section 7: REFERENCE

For information not included here, or for a digital copy of this manual, please call your dealer, or Meridian Manufacturing Inc. directly for assistance. Visit our website at: www.meridianmfg.com

Specifications and measurements are subject to change without notice.

4,000 GALLON VERTICAL DOUBLE WALL FUEL TANK - DIP CHART

Item #64056 | Primary Tank = 91-1/4" I.D. x 144" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	29.2	30	875.1	59	1721.1	88	2567.0	117	3413.0
2	58.3	31	904.3	60	1750.2	89	2596.2	118	3442.1
3	87.5	32	933.5	61	1779.4	90	2625.4	119	3471.3
4	116.7	33	962.6	62	1808.6	91	2654.5	120	3500.5
5	145.9	34	991.8	63	1837.7	92	2683.7	121	3529.6
6	204.2	35	1021.0	64	1866.9	93	2712.9	122	3558.8
7	175.0	36	1050.1	65	1896.1	94	2742.0	123	3588.0
8	233.4	37	1079.3	66	1925.3	95	2771.2	124	3617.1
9	262.5	38	1108.5	67	1954.4	96	2800.4	125	3646.3
10	291.7	39	1137.7	68	1983.6	97	2829.5	126	3675.5
11	320.9	40	1166.8	69	2012.8	98	2858.7	127	3704.7
12	350.0	41	1196.0	70	2041.9	99	2887.9	128	3733.8
13	379.2	42	1225.2	71	2071.1	100	2917.1	129	3763.0
14	408.4	43	1254.3	72	2100.3	101	2946.2	130	3792.2
15	437.6	44	1283.5	73	2129.5	102	2975.4	131	3821.3
16	466.7	45	1312.7	74	2158.6	103	3004.6	132	3850.5
17	495.9	46	1341.8	75	2187.8	104	3033.7	133	3879.7
18	525.1	47	1371.0	76	2217.0	105	3062.9	134	3908.9
19	554.2	48	1400.2	77	2246.1	106	3092.1	135	3938.0
20	583.4	49	1429.4	78	2275.3	107	3121.2	136	3967.2
21	612.6	50	1458.5	79	2304.5	108	3150.4	137	3996.4
22	641.8	51	1487.7	80	2333.6	109	3179.6	138	4025.5
23	670.9	52	1516.9	81	2362.8	110	3208.8	139	4054.7
24	700.1	53	1546.0	82	2392.0	111	3237.9	140	4083.9
25	729.3	54	1575.2	83	2421.2	112	3267.1	141	4113.0
26	758.4	55	1604.4	84	2450.3	113	3296.3	142	4142.2
27	787.6	56	1633.6	85	2479.5	114	3325.4	143	4171.4
28	816.8	57	1662.7	86	2508.7	115	3354.6	144	4200.6
29	845.9	58	1691.9	87	2537.8	116	3383.8		

5,000 GALLON VERTICAL SINGLE WALL FUEL TANK - DIP CHART

Item #64069 | Primary Tank = 91-1/4" I.D. x 180" Tall

DEPTH (Inch)	VOLUME (Gallon)
1	28.3
2	56.6
3	84.9
4	113.2
5	141.5
6	169.8
7	198.1
8	226.4
9	254.7
10	283.0
11	311.3
12	339.6
13	367.9
14	396.2
15	424.5
16	452.8
17	481.1
18	509.4
19	537.7
20	566.0
21	594.3
22	622.6
23	651.0
24	679.3
25	707.6
26	735.9
27	764.2
28	792.5
29	820.8
30	849.1
31	877.4
32	905.7
33	934.0
34	962.3
35	990.6
36	1018.9
37	1047.2

DEPTH (Inch)	VOLUME (Gallon)
38	1075.5
39	1103.8
40	1132.1
41	1160.4
42	1188.7
43	1217.0
44	1245.3
45	1273.6
46	1301.9
47	1330.2
48	1358.5
49	1386.8
50	1415.1
51	1443.4
52	1471.7
53	1500.0
54	1528.3
55	1556.6
56	1584.9
57	1613.2
58	1641.5
59	1669.8
60	1698.1
61	1726.4
62	1754.7
63	1783.0
64	1811.3
65	1839.6
66	1867.9
67	1896.3
68	1924.6
69	1952.9
70	1981.2
71	2009.5
72	2037.8
73	2066.1
74	2094.4

DEPTH (Inch)	VOLUME (Gallon)
75	2122.7
76	2151.0
77	2179.3
78	2207.6
79	2235.9
80	2264.2
81	2292.5
82	2320.8
83	2349.1
84	2377.4
85	2405.7
86	2434.0
87	2462.3
88	2490.6
89	2518.9
90	2547.2
91	2575.5
92	2603.8
93	2632.1
94	2660.4
95	2688.7
96	2717.0
97	2745.3
98	2773.6
99	2801.9
100	2830.2
101	2858.5
102	2886.8
103	2915.1
104	2943.4
105	2971.7
106	3000.0
107	3028.3
108	3056.6
109	3084.9
110	3113.2
111	3141.5

DEPTH (Inch)	VOLUME (Gallon)
112	3169.9
113	3198.2
114	3226.5
115	3254.8
116	3283.1
117	3311.4
118	3339.7
119	3368.0
120	3396.3
121	3424.6
122	3452.9
123	3481.2
124	3509.5
125	3537.8
126	3566.1
127	3594.4
128	3622.7
129	3651.0
130	3679.3
131	3707.6
132	3735.9
133	3764.2
134	3792.5
135	3820.8
136	3849.1
137	3877.4
138	3905.7
139	3934.0
140	3962.3
141	3990.6
142	4018.9
143	4047.2
144	4075.5
145	4103.8
146	4132.1
147	4160.4
148	4188.7

DEPTH (Inch)	VOLUME (Gallon)
149	4217.0
150	4245.3
151	4273.6
152	4301.9
153	4330.2
154	4358.5
155	4386.8
156	4415.2
157	4443.5
158	4471.8
159	4500.1
160	4528.4
161	4556.7
162	4585.0
163	4613.3
164	4641.6
165	4669.9
166	4698.2
167	4726.5
168	4754.8
169	4783.1
170	4811.4
171	4839.7
172	4868.0
173	4896.3
174	4924.6
175	4952.9
176	4981.2
177	5009.5
178	5037.8
179	5066.1
180	5094.4

5,000 GALLON VERTICAL DOUBLE WALL FUEL TANK - DIP CHART

Item #64068 | Primary Tank = 91-1/4" I.D. x 180" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	28.3	38	1075.5	75	2122.7	112	3169.9	149	4217.0
2	56.6	39	1103.8	76	2151.0	113	3198.2	150	4245.3
3	84.9	40	1132.1	77	2179.3	114	3226.5	151	4273.6
4	113.2	41	1160.4	78	2207.6	115	3254.8	152	4301.9
5	141.5	42	1188.7	79	2235.9	116	3283.1	153	4330.2
6	169.8	43	1217.0	80	2264.2	117	3311.4	154	4358.5
7	198.1	44	1245.3	81	2292.5	118	3339.7	155	4386.8
8	226.4	45	1273.6	82	2320.8	119	3368.0	156	4415.2
9	254.7	46	1301.9	83	2349.1	120	3396.3	157	4443.5
10	283.0	47	1330.2	84	2377.4	121	3424.6	158	4471.8
11	311.3	48	1358.5	85	2405.7	122	3452.9	159	4500.1
12	339.6	49	1386.8	86	2434.0	123	3481.2	160	4528.4
13	367.9	50	1415.1	87	2462.3	124	3509.5	161	4556.7
14	396.2	51	1443.4	88	2490.6	125	3537.8	162	4585.0
15	424.5	52	1471.7	89	2518.9	126	3566.1	163	4613.3
16	452.8	53	1500.0	90	2547.2	127	3594.4	164	4641.6
17	481.1	54	1528.3	91	2575.5	128	3622.7	165	4669.9
18	509.4	55	1556.6	92	2603.8	129	3651.0	166	4698.2
19	537.7	56	1584.9	93	2632.1	130	3679.3	167	4726.5
20	566.0	57	1613.2	94	2660.4	131	3707.6	168	4754.8
21	594.3	58	1641.5	95	2688.7	132	3735.9	169	4783.1
22	622.6	59	1669.8	96	2717.0	133	3764.2	170	4811.4
23	651.0	60	1698.1	97	2745.3	134	3792.5	171	4839.7
24	679.3	61	1726.4	98	2773.6	135	3820.8	172	4868.0
25	707.6	62	1754.7	99	2801.9	136	3849.1	173	4896.3
26	735.9	63	1783.0	100	2830.2	137	3877.4	174	4924.6
27	764.2	64	1811.3	101	2858.5	138	3905.7	175	4952.9
28	792.5	65	1839.6	102	2886.8	139	3934.0	176	4981.2
29	820.8	66	1867.9	103	2915.1	140	3962.3	177	5009.5
30	849.1	67	1896.3	104	2943.4	141	3990.6	178	5037.8
31	877.4	68	1924.6	105	2971.7	142	4018.9	179	5066.1
32	905.7	69	1952.9	106	3000.0	143	4047.2	180	5094.4
33	934.0	70	1981.2	107	3028.3	144	4075.5		
34	962.3	71	2009.5	108	3056.6	145	4103.8		
35	990.6	72	2037.8	109	3084.9	146	4132.1		
36	1018.9	73	2066.1	110	3113.2	147	4160.4		
37	1047.2	74	2094.4	111	3141.5	148	4188.7		

8,500 GALLON VERTICAL DOUBLE WALL FUEL TANK - DIP CHART

Item #64045 | Primary Tank = 140-5/8" I.D. x 132" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	67.2	34	2286.1	67	4504.9	100	6723.7
2	134.5	35	2353.3	68	4572.1	101	6791.0
3	201.7	36	2420.5	69	4639.4	102	6858.2
4	268.9	37	2487.8	70	4706.6	103	6925.4
5	336.2	38	2555.0	71	4773.8	104	6992.7
6	470.7	39	2622.3	72	4908.3	105	7059.9
7	470.7	40	2689.5	73	4908.3	106	7127.2
8	537.9	41	2756.7	74	4975.6	107	7194.4
9	605.1	42	2824.0	75	5042.8	108	7261.6
10	672.4	43	2891.2	76	5110.0	109	7328.9
11	739.6	44	2958.4	77	5177.3	110	7396.1
12	806.8	45	3025.7	78	5244.5	111	7463.3
13	874.1	46	3092.9	79	5311.7	112	7530.6
14	941.3	47	3160.2	80	5379.0	113	7597.8
15	1008.6	48	3227.4	81	5446.2	114	7665.1
16	1075.8	49	3294.6	82	5513.5	115	7732.3
17	1143.0	50	3361.9	83	5580.7	116	7799.5
18	1210.3	51	3429.1	84	5647.9	117	7866.8
19	1277.5	52	3496.3	85	5715.2	118	7934.0
20	1344.7	53	3563.6	86	5782.4	119	8001.2
21	1412.0	54	3630.8	87	5849.6	120	8068.5
22	1479.2	55	3698.1	88	5916.9	121	8135.7
23	1546.5	56	3765.3	89	5984.1	122	8202.9
24	1613.7	57	3832.5	90	6051.4	123	8270.2
25	1680.9	58	3899.8	91	6118.6	124	8337.4
26	1748.2	59	3967.0	92	6185.8	125	8404.7
27	1815.4	60	4034.2	93	6253.1	126	8471.9
28	1882.6	61	4101.5	94	6320.3	127	8539.1
29	1949.9	62	4168.7	95	6387.5	128	8606.4
30	2017.1	63	4235.9	96	6454.8	129	8673.6
31	2084.4	64	4303.2	97	6522.0	130	8740.8
32	2151.6	65	4370.4	98	6589.3	131	8808.1
33	2218.8	66	4437.7	99	6656.5	132	8875.3

10,000 GALLON VERTICAL SINGLE WALL FUEL TANK - DIP CHART

Item #64079 | Primary Tank = 140-5/8" I.D. x 156" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	67.2	34	2286.1	67	4504.9	100	6723.7	133	8942.6
2	134.5	35	2353.3	68	4639.4	101	6791.0	134	9009.8
3	201.7	36	2420.5	69	4639.4	102	6858.2	135	9077.0
4	268.9	37	2487.8	70	4706.6	103	6925.4	136	9144.3
5	336.2	38	2555.0	71	4773.8	104	6992.7	137	9211.5
6	470.7	39	2622.3	72	4841.1	105	7059.9	138	9278.7
7	470.7	40	2689.5	73	4908.3	106	7127.2	139	9346.0
8	537.9	41	2756.7	74	4975.6	107	7194.4	140	9413.2
9	605.1	42	2824.0	75	5042.8	108	7261.6	141	9480.5
10	672.4	43	2891.2	76	5110.0	109	7328.9	142	9547.7
11	739.6	44	2958.4	77	5177.3	110	7396.1	143	9614.9
12	806.8	45	3025.7	78	5244.5	111	7463.3	144	9682.2
13	874.1	46	3092.9	79	5311.7	112	7530.6	145	9749.4
14	941.3	47	3160.2	80	5379.0	113	7597.8	146	9816.6
15	1008.6	48	3227.4	81	5446.2	114	7665.1	147	9883.9
16	1075.8	49	3294.6	82	5513.5	115	7732.3	148	9951.1
17	1143.0	50	3361.9	83	5580.7	116	7799.5	149	10018.4
18	1210.3	51	3429.1	84	5647.9	117	7866.8	150	10085.6
19	1277.5	52	3496.3	85	5715.2	118	7934.0	151	10152.8
20	1344.7	53	3563.6	86	5782.4	119	8001.2	152	10220.1
21	1412.0	54	3630.8	87	5849.6	120	8068.5	153	10287.3
22	1479.2	55	3698.1	88	5916.9	121	8135.7	154	10354.5
23	1546.5	56	3765.3	89	5984.1	122	8202.9	155	10421.8
24	1613.7	57	3832.5	90	6051.4	123	8270.2	156	10489.0
25	1680.9	58	3899.8	91	6118.6	124	8337.4		
26	1748.2	59	3967.0	92	6185.8	125	8404.7		
27	1815.4	60	4034.2	93	6253.1	126	8471.9		
28	1882.6	61	4101.5	94	6320.3	127	8539.1		
29	1949.9	62	4168.7	95	6387.5	128	8606.4		
30	2017.1	63	4235.9	96	6454.8	129	8673.6		
31	2084.4	64	4303.2	97	6522.0	130	8808.1		
32	2151.6	65	4370.4	98	6589.3	131	8808.1		
33	2218.8	66	4437.7	99	6723.7	132	8875.3		

10,000 GALLON VERTICAL DOUBLE WALL FUEL TANK - DIP CHART

Item #64044 | Primary Tank = 140-5/8" I.D. x 156" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	67.2	34	2286.1	67	4504.9	100	6723.7	133	8942.6
2	134.5	35	2353.3	68	4639.4	101	6791.0	134	9009.8
3	201.7	36	2420.5	69	4639.4	102	6858.2	135	9077.0
4	268.9	37	2487.8	70	4706.6	103	6925.4	136	9144.3
5	336.2	38	2555.0	71	4773.8	104	6992.7	137	9211.5
6	470.7	39	2622.3	72	4841.1	105	7059.9	138	9278.7
7	470.7	40	2689.5	73	4908.3	106	7127.2	139	9346.0
8	537.9	41	2756.7	74	4975.6	107	7194.4	140	9413.2
9	605.1	42	2824.0	75	5042.8	108	7261.6	141	9480.5
10	672.4	43	2891.2	76	5110.0	109	7328.9	142	9547.7
11	739.6	44	2958.4	77	5177.3	110	7396.1	143	9614.9
12	806.8	45	3025.7	78	5244.5	111	7463.3	144	9682.2
13	874.1	46	3092.9	79	5311.7	112	7530.6	145	9749.4
14	941.3	47	3160.2	80	5379.0	113	7597.8	146	9816.6
15	1008.6	48	3227.4	81	5446.2	114	7665.1	147	9883.9
16	1075.8	49	3294.6	82	5513.5	115	7732.3	148	9951.1
17	1143.0	50	3361.9	83	5580.7	116	7799.5	149	10018.4
18	1210.3	51	3429.1	84	5647.9	117	7866.8	150	10085.6
19	1277.5	52	3496.3	85	5715.2	118	7934.0	151	10152.8
20	1344.7	53	3563.6	86	5782.4	119	8001.2	152	10220.1
21	1412.0	54	3630.8	87	5849.6	120	8068.5	153	10287.3
22	1479.2	55	3698.1	88	5916.9	121	8135.7	154	10354.5
23	1546.5	56	3765.3	89	5984.1	122	8202.9	155	10421.8
24	1613.7	57	3832.5	90	6051.4	123	8270.2	156	10489.0
25	1680.9	58	3899.8	91	6118.6	124	8337.4		
26	1748.2	59	3967.0	92	6185.8	125	8404.7		
27	1815.4	60	4034.2	93	6253.1	126	8471.9		
28	1882.6	61	4101.5	94	6320.3	127	8539.1		
29	1949.9	62	4168.7	95	6387.5	128	8606.4		
30	2017.1	63	4235.9	96	6454.8	129	8673.6		
31	2084.4	64	4303.2	97	6522.0	130	8808.1		
32	2151.6	65	4370.4	98	6589.3	131	8808.1		
33	2218.8	66	4437.7	99	6723.7	132	8875.3		

12,000 GALLON VERTICAL SINGLE WALL FUEL TANK - DIP CHART

Item #61216 | Primary Tank = 140-5/8" I.D. x 180" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	67.2	38	2555.0	75	5042.8	112	7530.6	149	10018.4
2	134.5	39	2622.3	76	5110.0	113	7597.8	150	10152.8
3	201.7	40	2689.5	77	5177.3	114	7732.3	151	10152.8
4	268.9	41	2756.7	78	5311.7	115	7732.3	152	10220.1
5	336.2	42	2891.2	79	5311.7	116	7799.5	153	10287.3
6	470.7	43	2891.2	80	5379.0	117	7866.8	154	10354.5
7	470.7	44	2958.4	81	5446.2	118	7934.0	155	10421.8
8	537.9	45	3025.7	82	5513.5	119	8001.2	156	10489.0
9	605.1	46	3092.9	83	5580.7	120	8068.5	157	10556.3
10	672.4	47	3160.2	84	5647.9	121	8135.7	158	10623.5
11	739.6	48	3227.4	85	5715.2	122	8202.9	159	10690.7
12	806.8	49	3294.6	86	5782.4	123	8270.2	160	10758.0
13	874.1	50	3361.9	87	5849.6	124	8337.4	161	10825.2
14	941.3	51	3429.1	88	5916.9	125	8404.7	162	10892.4
15	1008.6	52	3496.3	89	5984.1	126	8471.9	163	10959.7
16	1075.8	53	3563.6	90	6051.4	127	8539.1	164	11026.9
17	1143.0	54	3630.8	91	6118.6	128	8606.4	165	11094.2
18	1210.3	55	3698.1	92	6185.8	129	8673.6	166	11161.4
19	1277.5	56	3765.3	93	6253.1	130	8740.8	167	11228.6
20	1344.7	57	3832.5	94	6320.3	131	8808.1	168	11295.9
21	1412.0	58	3899.8	95	6387.5	132	8875.3	169	11363.1
22	1479.2	59	3967.0	96	6454.8	133	8942.6	170	11430.3
23	1546.5	60	4034.2	97	6522.0	134	9009.8	171	11497.6
24	1613.7	61	4101.5	98	6589.3	135	9077.0	172	11564.8
25	1680.9	62	4168.7	99	6656.5	136	9144.3	173	11632.1
26	1748.2	63	4235.9	100	6723.7	137	9211.5	174	11699.3
27	1815.4	64	4303.2	101	6791.0	138	9278.7	175	11766.5
28	1882.6	65	4370.4	102	6858.2	139	9346.0	176	11833.8
29	1949.9	66	4437.7	103	6925.4	140	9413.2	177	11901.0
30	2017.1	67	4504.9	104	6992.7	141	9480.5	178	11968.2
31	2084.4	68	4572.1	105	7059.9	142	9547.7	179	12035.5
32	2151.6	69	4639.4	106	7127.2	143	9614.9	180	12102.7
33	2218.8	70	4706.6	107	7194.4	144	9682.2		
34	2286.1	71	4773.8	108	7261.6	145	9749.4		
35	2353.3	72	4841.1	109	7328.9	146	9816.6		
36	2420.5	73	4908.3	110	7396.1	147	9883.9		
37	2487.8	74	4975.6	111	7463.3	148	9951.1		

12,000 GALLON VERTICAL DOUBLE WALL FUEL TANK - DIP CHART

Item #64040 | Primary Tank = 140-5/8" I.D. x 180" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	67.2	38	2555.0	75	5042.8	112	7530.6	149	10018.4
2	134.5	39	2622.3	76	5110.0	113	7597.8	150	10152.8
3	201.7	40	2689.5	77	5177.3	114	7732.3	151	10152.8
4	268.9	41	2756.7	78	5311.7	115	7732.3	152	10220.1
5	336.2	42	2891.2	79	5311.7	116	7799.5	153	10287.3
6	470.7	43	2891.2	80	5379.0	117	7866.8	154	10354.5
7	470.7	44	2958.4	81	5446.2	118	7934.0	155	10421.8
8	537.9	45	3025.7	82	5513.5	119	8001.2	156	10489.0
9	605.1	46	3092.9	83	5580.7	120	8068.5	157	10556.3
10	672.4	47	3160.2	84	5647.9	121	8135.7	158	10623.5
11	739.6	48	3227.4	85	5715.2	122	8202.9	159	10690.7
12	806.8	49	3294.6	86	5782.4	123	8270.2	160	10758.0
13	874.1	50	3361.9	87	5849.6	124	8337.4	161	10825.2
14	941.3	51	3429.1	88	5916.9	125	8404.7	162	10892.4
15	1008.6	52	3496.3	89	5984.1	126	8471.9	163	10959.7
16	1075.8	53	3563.6	90	6051.4	127	8539.1	164	11026.9
17	1143.0	54	3630.8	91	6118.6	128	8606.4	165	11094.2
18	1210.3	55	3698.1	92	6185.8	129	8673.6	166	11161.4
19	1277.5	56	3765.3	93	6253.1	130	8740.8	167	11228.6
20	1344.7	57	3832.5	94	6320.3	131	8808.1	168	11295.9
21	1412.0	58	3899.8	95	6387.5	132	8875.3	169	11363.1
22	1479.2	59	3967.0	96	6454.8	133	8942.6	170	11430.3
23	1546.5	60	4034.2	97	6522.0	134	9009.8	171	11497.6
24	1613.7	61	4101.5	98	6589.3	135	9077.0	172	11564.8
25	1680.9	62	4168.7	99	6656.5	136	9144.3	173	11632.1
26	1748.2	63	4235.9	100	6723.7	137	9211.5	174	11699.3
27	1815.4	64	4303.2	101	6791.0	138	9278.7	175	11766.5
28	1882.6	65	4370.4	102	6858.2	139	9346.0	176	11833.8
29	1949.9	66	4437.7	103	6925.4	140	9413.2	177	11901.0
30	2017.1	67	4504.9	104	6992.7	141	9480.5	178	11968.2
31	2084.4	68	4572.1	105	7059.9	142	9547.7	179	12035.5
32	2151.6	69	4639.4	106	7127.2	143	9614.9	180	12102.7
33	2218.8	70	4706.6	107	7194.4	144	9682.2		
34	2286.1	71	4773.8	108	7261.6	145	9749.4		
35	2353.3	72	4841.1	109	7328.9	146	9816.6		
36	2420.5	73	4908.3	110	7396.1	147	9883.9		
37	2487.8	74	4975.6	111	7463.3	148	9951.1		

15,000 GALLON VERTICAL SINGLE WALL FUEL TANK - DIP CHART

Item #64067 | Primary Tank = 14-5/8" I.D. x 228" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	67.2	40	2689.5	79	5311.7	118	7934.0	157	10556.3	196	13178.5
2	134.5	41	2756.7	80	5379.0	119	8001.2	158	10623.5	197	13245.7
3	201.7	42	2824.0	81	5446.2	120	8068.5	159	10690.7	198	13313.0
4	268.9	43	2891.2	82	5513.5	121	8135.7	160	10758.0	199	13380.2
5	336.2	44	2958.4	83	5580.7	122	8202.9	161	10825.2	200	13447.5
6	403.4	45	3025.7	84	5647.9	123	8270.2	162	10892.4	201	13514.7
7	470.7	46	3092.9	85	5715.2	124	8337.4	163	10959.7	202	13581.9
8	537.9	47	3160.2	86	5782.4	125	8404.7	164	11026.9	203	13649.2
9	605.1	48	3227.4	87	5849.6	126	8471.9	165	11094.2	204	13716.4
10	672.4	49	3294.6	88	5916.9	127	8539.1	166	11161.4	205	13783.6
11	739.6	50	3361.9	89	5984.1	128	8606.4	167	11228.6	206	13850.9
12	806.8	51	3429.1	90	6051.4	129	8673.6	168	11295.9	207	13918.1
13	874.1	52	3496.3	91	6118.6	130	8740.8	169	11363.1	208	13985.4
14	941.3	53	3563.6	92	6185.8	131	8808.1	170	11430.3	209	14052.6
15	1008.6	54	3630.8	93	6253.1	132	8875.3	171	11497.6	210	14119.8
16	1075.8	55	3698.1	94	6320.3	133	8942.6	172	11564.8	211	14187.1
17	1143.0	56	3765.3	95	6387.5	134	9009.8	173	11632.1	212	14254.3
18	1210.3	57	3832.5	96	6454.8	135	9077.0	174	11699.3	213	14321.5
19	1277.5	58	3899.8	97	6522.0	136	9144.3	175	11766.5	214	14388.8
20	1344.7	59	3967.0	98	6589.3	137	9211.5	176	11833.8	215	14456.0
21	1412.0	60	4034.2	99	6656.5	138	9278.7	177	11901.0	216	14523.3
22	1479.2	61	4101.5	100	6723.7	139	9346.0	178	11968.2	217	14590.5
23	1546.5	62	4168.7	101	6791.0	140	9413.2	179	12035.5	218	14657.7
24	1613.7	63	4235.9	102	6858.2	141	9480.5	180	12102.7	219	14725.0
25	1680.9	64	4303.2	103	6925.4	142	9547.7	181	12169.9	220	14792.2
26	1748.2	65	4370.4	104	6992.7	143	9614.9	182	12237.2	221	14859.4
27	1815.4	66	4437.7	105	7059.9	144	9682.2	183	12304.4	222	14926.7
28	1882.6	67	4504.9	106	7127.2	145	9749.4	184	12371.7	223	14993.9
29	1949.9	68	4572.1	107	7194.4	146	9816.6	185	12438.9	224	15061.2
30	2017.1	69	4639.4	108	7261.6	147	9883.9	186	12506.1	225	15128.4
31	2084.4	70	4706.6	109	7328.9	148	9951.1	187	12573.4	226	15195.6
32	2151.6	71	4773.8	110	7396.1	149	10018.4	188	12640.6	227	15262.9
33	2218.8	72	4841.1	111	7463.3	150	10085.6	189	12707.8	228	15330.1
34	2286.1	73	4908.3	112	7530.6	151	10152.8	190	12775.1		
35	2353.3	74	4975.6	113	7597.8	152	10220.1	191	12842.3		
36	2420.5	75	5042.8	114	7665.1	153	10287.3	192	12909.6		
37	2487.8	76	5110.0	115	7732.3	154	10354.5	193	12976.8		
38	2555.0	77	5177.3	116	7799.5	155	10421.8	194	13044.0		
39	2622.3	78	5244.5	117	7866.8	156	10489.0	195	13111.3		

15,000 GALLON VERTICAL DOUBLE WALL FUEL TANK - DIP CHART

Item #64080 | Primary Tank = 160-1/4" I.D. x 180" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	87.3	38	3317.9	75	6548.4	112	9779.0	149	13009.5
2	174.6	39	3405.2	76	6635.7	113	9866.3	150	13184.1
3	261.9	40	3492.5	77	6723.0	114	10040.9	151	13184.1
4	349.2	41	3579.8	78	6897.7	115	10040.9	152	13271.5
5	436.6	42	3754.4	79	6897.7	116	10128.2	153	13358.8
6	611.2	43	3754.4	80	6985.0	117	10215.5	154	13446.1
7	611.2	44	3841.7	81	7072.3	118	10302.8	155	13533.4
8	698.5	45	3929.0	82	7159.6	119	10390.2	156	13620.7
9	785.8	46	4016.4	83	7246.9	120	10477.5	157	13708.0
10	873.1	47	4103.7	84	7334.2	121	10564.8	158	13795.3
11	960.4	48	4191.0	85	7421.5	122	10652.1	159	13882.6
12	1047.7	49	4278.3	86	7508.9	123	10739.4	160	13970.0
13	1135.1	50	4365.6	87	7596.2	124	10826.7	161	14057.3
14	1222.4	51	4452.9	88	7683.5	125	10914.0	162	14144.6
15	1309.7	52	4540.2	89	7770.8	126	11001.3	163	14231.9
16	1397.0	53	4627.5	90	7858.1	127	11088.7	164	14319.2
17	1484.3	54	4714.9	91	7945.4	128	11176.0	165	14406.5
18	1571.6	55	4802.2	92	8032.7	129	11263.3	166	14493.8
19	1658.9	56	4889.5	93	8120.0	130	11350.6	167	14581.1
20	1746.2	57	4976.8	94	8207.3	131	11437.9	168	14668.5
21	1833.6	58	5064.1	95	8294.7	132	11525.2	169	14755.8
22	1920.9	59	5151.4	96	8382.0	133	11612.5	170	14843.1
23	2008.2	60	5238.7	97	8469.3	134	11699.8	171	14930.4
24	2095.5	61	5326.0	98	8556.6	135	11787.1	172	15017.7
25	2182.8	62	5413.4	99	8643.9	136	11874.5	173	15105.0
26	2270.1	63	5500.7	100	8731.2	137	11961.8	174	15192.3
27	2357.4	64	5588.0	101	8818.5	138	12049.1	175	15279.6
28	2444.7	65	5675.3	102	8905.8	139	12136.4	176	15366.9
29	2532.1	66	5762.6	103	8993.2	140	12223.7	177	15454.3
30	2619.4	67	5849.9	104	9080.5	141	12311.0	178	15541.6
31	2706.7	68	5937.2	105	9167.8	142	12398.3	179	15628.9
32	2794.0	69	6024.5	106	9255.1	143	12485.6	180	15716.2
33	2881.3	70	6111.9	107	9342.4	144	12573.0		
34	2968.6	71	6199.2	108	9429.7	145	12660.3		
35	3055.9	72	6286.5	109	9517.0	146	12747.6		
36	3143.2	73	6373.8	110	9604.3	147	12834.9		
37	3230.6	74	6461.1	111	9691.7	148	12922.2		

20,000 GALLON VERTICAL SINGLE WALL FUEL TANK - DIP CHART

Item #64087 | Primary Tank = 160-1/4" I.D. x 240" Tall

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	87.3	42	3667.1	83	7246.9	124	10826.7	165	14406.5	206	17986.3
2	174.6	43	3754.4	84	7334.2	125	10914.0	166	14493.8	207	18073.6
3	261.9	44	3841.7	85	7421.5	126	11001.3	167	14581.1	208	18160.9
4	349.2	45	3929.0	86	7508.9	127	11088.7	168	14668.5	209	18248.3
5	436.6	46	4016.4	87	7596.2	128	11176.0	169	14755.8	210	18335.6
6	523.9	47	4103.7	88	7683.4	129	11263.3	170	14843.1	211	18422.9
7	611.2	48	4191.0	89	7770.8	130	11350.6	171	14930.4	212	18510.2
8	698.5	49	4278.3	90	7858.1	131	11437.9	172	15017.7	213	18597.5
9	785.8	50	4365.6	91	7945.4	132	11525.2	173	15105.0	214	18684.8
10	873.1	51	4452.9	92	8032.7	133	11612.5	174	15192.3	215	18772.1
11	960.4	52	4540.2	93	8120.0	134	11699.8	175	15279.6	216	18859.4
12	1047.7	53	4627.5	94	8207.3	135	11787.1	176	15367.0	217	18946.8
13	1135.1	54	4714.9	95	8294.7	136	11874.5	177	15454.3	218	19034.1
14	1222.4	55	4802.2	96	8382.0	137	11961.8	178	15541.6	219	19121.4
15	1309.7	56	4889.5	97	8469.3	138	12049.1	179	15628.9	220	19208.7
16	1397.0	57	4976.8	98	8556.6	139	12136.4	180	15716.2	221	19296.0
17	1484.3	58	5064.1	99	8643.9	140	12223.7	181	15803.5	222	19383.3
18	1571.6	59	5151.4	100	8731.2	141	12311.0	182	15890.8	223	19470.6
19	1658.9	60	5238.7	101	8818.5	142	12398.3	183	15978.1	224	19557.9
20	1746.2	61	5326.0	102	8905.8	143	12485.6	184	16065.4	225	19645.2
21	1833.6	62	5413.4	103	8993.2	144	12573.0	185	16152.8	226	19732.6
22	1920.9	63	5500.7	104	9080.5	145	12660.3	186	16240.1	227	19819.9
23	2008.2	64	5588.0	105	9167.8	146	12747.6	187	16327.4	228	19907.2
24	2095.5	65	5675.3	106	9255.1	147	12834.9	188	16414.7	229	19994.5
25	2182.8	66	5762.6	107	9342.4	148	12922.2	189	16502.0	230	20081.8
26	2270.1	67	5849.9	108	9429.7	149	13009.5	190	16589.3	231	20169.1
27	2357.4	68	5937.2	109	9517.0	150	13096.8	191	16676.6	232	20256.4
28	2444.7	69	6024.5	110	9604.3	151	13184.1	192	16763.9	233	20343.7
29	2532.1	70	6111.9	111	9691.7	152	13271.5	193	16851.3	234	20431.1
30	2619.4	71	6199.2	112	9779.0	153	13358.8	194	16938.6	235	20518.4
31	2706.7	72	6286.5	113	9866.3	154	13446.1	195	17025.9	236	20605.7
32	2794.0	73	6373.8	114	9953.6	155	13533.4	196	17113.2	237	20693.0
33	2881.3	74	6461.1	115	10040.9	156	13620.7	197	17200.5	238	20780.3
34	2968.6	75	6548.4	116	10128.2	157	13708.0	198	17287.8	239	20867.6
35	3055.9	76	6635.7	117	10215.5	158	13795.3	199	17375.1	240	20954.9
36	3143.2	77	6723.0	118	10302.8	159	13882.6	200	17462.4		
37	3230.6	78	6810.4	119	10390.2	160	13970.0	201	17549.8		
38	3317.9	79	6897.7	120	10477.5	161	14057.3	202	17637.1		
39	3405.2	80	6985.0	121	10564.8	162	14144.6	203	17724.4		
40	3492.5	81	7072.3	122	10652.1	163	14231.9	204	17811.7		
41	3579.8	82	7159.6	123	10739.4	164	14319.2	205	17899.0		

20,000 GALLON VERTICAL DOUBLE WALL FUEL TANK - DIP CHART

DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)	DEPTH (Inch)	VOLUME (Gallon)
1	87.3	42	3667.1	83	7246.9	124	10826.7	165	14406.5	206	17986.3
2	174.6	43	3754.4	84	7334.2	125	10914.0	166	14493.8	207	18073.6
3	261.9	44	3841.7	85	7421.5	126	11001.3	167	14581.1	208	18160.9
4	349.2	45	3929.0	86	7508.9	127	11088.7	168	14668.5	209	18248.3
5	436.6	46	4016.4	87	7596.2	128	11176.0	169	14755.8	210	18335.6
6	523.9	47	4103.7	88	7683.4	129	11263.3	170	14843.1	211	18422.9
7	611.2	48	4191.0	89	7770.8	130	11350.6	171	14930.4	212	18510.2
8	698.5	49	4278.3	90	7858.1	131	11437.9	172	15017.7	213	18597.5
9	785.8	50	4365.6	91	7945.4	132	11525.2	173	15105.0	214	18684.8
10	873.1	51	4452.9	92	8032.7	133	11612.5	174	15192.3	215	18772.1
11	960.4	52	4540.2	93	8120.0	134	11699.8	175	15279.6	216	18859.4
12	1047.7	53	4627.5	94	8207.3	135	11787.1	176	15367.0	217	18946.8
13	1135.1	54	4714.9	95	8294.7	136	11874.5	177	15454.3	218	19034.1
14	1222.4	55	4802.2	96	8382.0	137	11961.8	178	15541.6	219	19121.4
15	1309.7	56	4889.5	97	8469.3	138	12049.1	179	15628.9	220	19208.7
16	1397.0	57	4976.8	98	8556.6	139	12136.4	180	15716.2	221	19296.0
17	1484.3	58	5064.1	99	8643.9	140	12223.7	181	15803.5	222	19383.3
18	1571.6	59	5151.4	100	8731.2	141	12311.0	182	15890.8	223	19470.6
19	1658.9	60	5238.7	101	8818.5	142	12398.3	183	15978.1	224	19557.9
20	1746.2	61	5326.0	102	8905.8	143	12485.6	184	16065.4	225	19645.2
21	1833.6	62	5413.4	103	8993.2	144	12573.0	185	16152.8	226	19732.6
22	1920.9	63	5500.7	104	9080.5	145	12660.3	186	16240.1	227	19819.9
23	2008.2	64	5588.0	105	9167.8	146	12747.6	187	16327.4	228	19907.2
24	2095.5	65	5675.3	106	9255.1	147	12834.9	188	16414.7	229	19994.5
25	2182.8	66	5762.6	107	9342.4	148	12922.2	189	16502.0	230	20081.8
26	2270.1	67	5849.9	108	9429.7	149	13009.5	190	16589.3	231	20169.1
27	2357.4	68	5937.2	109	9517.0	150	13096.8	191	16676.6	232	20256.4
28	2444.7	69	6024.5	110	9604.3	151	13184.1	192	16763.9	233	20343.7
29	2532.1	70	6111.9	111	9691.7	152	13271.5	193	16851.3	234	20431.1
30	2619.4	71	6199.2	112	9779.0	153	13358.8	194	16938.6	235	20518.4
31	2706.7	72	6286.5	113	9866.3	154	13446.1	195	17025.9	236	20605.7
32	2794.0	73	6373.8	114	9953.6	155	13533.4	196	17113.2	237	20693.0
33	2881.3	74	6461.1	115	10040.9	156	13620.7	197	17200.5	238	20780.3
34	2968.6	75	6548.4	116	10128.2	157	13708.0	198	17287.8	239	20867.6
35	3055.9	76	6635.7	117	10215.5	158	13795.3	199	17375.1	240	20954.9
36	3143.2	77	6723.0	118	10302.8	159	13882.6	200	17462.4		
37	3230.6	78	6810.4	119	10390.2	160	13970.0	201	17549.8		
38	3317.9	79	6897.7	120	10477.5	161	14057.3	202	17637.1		
39	3405.2	80	6985.0	121	10564.8	162	14144.6	203	17724.4		
40	3492.5	81	7072.3	122	10652.1	163	14231.9	204	17811.7		
41	3579.8	82	7159.6	123	10739.4	164	14319.2	205	17899.0		

25,000 GALLON VERTICAL SINGLE WALL FUEL TANK - DIP CHART

Item #64086 | Primary Tank = 160-1/4" I.D. x 300" Tall

DEPTH (Inch)	VOLUME (Gallons)
1	87.3
2	174.6
3	261.9
4	349.2
5	436.6
6	523.9
7	611.2
8	698.5
9	785.8
10	873.1
11	960.4
12	1047.7
13	1135.1
14	1222.4
15	1309.7
16	1397.0
17	1484.3
18	1571.6
19	1658.9
20	1746.2
21	1833.6
22	1920.9
23	2008.2
24	2095.5
25	2182.8
26	2270.1
27	2357.4
28	2444.7
29	2532.1
30	2619.4
31	2706.7
32	2794.0
33	2881.3
34	2968.6
35	3055.9
36	3143.2
37	3230.6
38	3317.9
39	3405.2
40	3492.5
41	3579.8
42	3667.1
43	3754.4
44	3841.7
45	3929.0
46	4016.4
47	4103.7
48	4191.0
49	4278.3
50	4365.6
51	4452.9
52	4540.2
53	4627.5
54	4714.9
55	4802.2
56	4889.5
57	4976.8
58	5064.1
59	5151.4
60	5238.7
61	5326.0
62	5413.4
63	5500.7
64	5588.0
65	5675.3
66	5762.6
67	5849.9
68	5937.2
69	6024.5
70	6111.9
71	6199.2
72	6286.5
73	6373.8
74	6461.1
75	6548.4
76	6635.7
77	6723.0
78	6810.4
79	6897.7
80	6985.0
81	7072.3
82	7159.6
83	7246.9
84	7334.2
85	7421.5
86	7508.9
87	7596.2
88	7683.5
89	7770.8
90	7858.1
91	7945.4
92	8032.7
93	8120.0
94	8207.3
95	8294.7
96	8382.0
97	8469.3
98	8556.6
99	8643.9
100	8731.2
101	8818.5
102	8905.8
103	8993.2
104	9080.5
105	9167.8
106	9255.1
107	9342.4
108	9429.7
109	9517.0
110	9604.3
111	9691.7
112	9779.0
113	9866.3
114	9953.6
115	10040.9
116	10128.2
117	10215.5
118	10302.8
119	10390.2
120	10477.5
121	10564.8
122	10652.1
123	10739.4
124	10826.7
125	10914.0
126	11001.3
127	11088.7
128	11176.0
129	11263.3
130	11350.6
131	11437.9
132	11525.2
133	11612.5
134	11699.8
135	11787.1
136	11874.5
137	11961.8
138	12049.1
139	12136.4
140	12223.7
141	12311.0
142	12398.3
143	12485.6
144	12573.0
145	12660.3
146	12747.6
147	12834.9
148	12922.2
149	13009.5
150	13096.8
151	13184.1
152	13271.5
153	13358.8
154	13446.1
155	13533.4
156	13620.7
157	13708.0
158	13795.3
159	13882.6
160	13970.0
161	14057.3
162	14144.6
163	14231.9
164	14319.2
165	14406.5
166	14493.8
167	14581.1
168	14668.5
169	14755.8
170	14843.1
171	14930.4
172	15017.7
173	15105.0
174	15192.3
175	15279.6
176	15366.9
177	15454.3
178	15541.6
179	15628.9
180	15716.2
181	15803.5
182	15890.8
183	15978.1
184	16065.4
185	16152.8
186	16240.1
187	16327.4
188	16414.7
189	16502.0
190	16589.3
191	16676.6
192	16763.9
193	16851.3
194	16938.6
195	17025.9
196	17113.2
197	17200.5
198	17287.8
199	17375.1
200	17462.4
201	17549.8
202	17637.1
203	17724.4
204	17811.7
205	17899.0
206	17986.3
207	18073.6
208	18160.9
209	18248.3
210	18335.6
211	18422.9
212	18510.2
213	18597.5
214	18684.8
215	18772.1
216	18859.4
217	18946.8
218	19034.1
219	19121.4
220	19208.7
221	19296.0
222	19383.3
223	19470.6
224	19557.9
225	19645.2
226	19732.6
227	19819.9
228	19907.2
229	19994.5
230	20081.8
231	20169.1
232	20256.4
233	20343.7
234	20431.1
235	20518.4
236	20605.7
237	20693.0
238	20780.3
239	20867.6
240	20954.9
241	21042.2
242	21129.6
243	21216.9
244	21304.2
245	21391.5
246	21478.8
247	21566.1
248	21653.4
249	21740.7
250	21828.1
251	21915.4
252	22002.7
253	22090.0
254	22177.3
255	22264.6
256	22351.9
257	22439.2
258	22526.6
259	22613.9
260	22701.2
261	22788.5
262	22875.8
263	22963.1
264	23050.4
265	23137.7
266	23225.0
267	23312.4
268	23399.7
269	23487.0
270	23574.3
271	23661.6
273	23836.2
274	23923.5
275	24010.9
276	24098.2
277	24185.5
278	24272.8
279	24360.1
280	24447.4
281	24534.7
282	24622.0
283	24709.4
284	24796.7
285	24884.0
286	24971.3
287	25058.6
288	25145.9
289	25233.2
290	25320.5
291	25407.9
292	25495.2
293	25582.5
294	25669.8
295	25757.1
296	25844.4
297	25931.7
298	26019.0
299	26106.4
300	26193.7

30,000 GALLON VERTICAL SINGLE WALL FUEL TANK - DIP CHART

DEPTH (Inch)	VOLUME (Gallons)	DEPTH (Inch)	VOLUME (Gallons)	DEPTH (Inch)	VOLUME (Gallons)	DEPTH (Inch)	VOLUME (Gallons)	DEPTH (Inch)	VOLUME (Gallons)
1	87.3	40	3492.5	79	6897.7	118	10302.8	157	13708.0
2	174.6	41	3579.8	80	6985.0	119	10390.2	158	13795.3
3	261.9	42	3667.1	81	7072.3	120	10477.5	159	13882.6
4	349.2	43	3754.4	82	7159.6	121	10564.8	160	13970.0
5	436.6	44	3841.7	83	7246.9	122	10652.1	161	14057.2
6	523.9	45	3929.0	84	7334.2	123	10739.4	162	14144.6
7	611.2	46	4016.4	85	7421.5	124	10826.7	163	14231.9
8	698.5	47	4103.7	86	7508.9	125	10914.0	164	14319.2
9	785.8	48	4191.0	87	7596.2	126	11001.3	165	14406.5
10	873.1	49	4278.3	88	7683.5	127	11088.7	166	14493.8
11	960.4	50	4365.6	89	7770.8	128	11176.0	167	14581.1
12	1047.7	51	4452.9	90	7858.1	129	11263.3	168	14668.5
13	1135.1	52	4540.2	91	7945.4	130	11350.6	169	14755.8
14	1222.4	53	4627.5	92	8032.7	131	11437.9	170	14843.1
15	1309.7	54	4714.9	93	8120.0	132	11525.2	171	14930.4
16	1397.0	55	4802.2	94	8207.3	133	11612.5	172	15017.7
17	1484.3	56	4889.5	95	8294.7	134	11699.8	173	15105.0
18	1571.6	57	4976.8	96	8382.0	135	11787.1	174	15192.3
19	1658.9	58	5064.1	97	8469.3	136	11874.5	175	15279.6
20	1746.2	59	5151.4	98	8556.6	137	11961.8	176	15367.0
21	1833.6	60	5238.7	99	8643.9	138	12049.1	177	15454.3
22	1920.9	61	5326.0	100	8731.2	139	12136.4	178	15541.6
23	2008.2	62	5413.4	101	8818.5	140	12223.7	179	15628.9
24	2095.5	63	5500.7	102	8905.8	141	12311.0	180	15716.2
25	2182.8	64	5588.0	103	8993.2	142	12398.3	181	15803.5
26	2270.1	65	5675.3	104	9080.5	143	12485.6	182	15890.8
27	2357.4	66	5762.6	105	9167.8	144	12573.0	183	15978.1
28	2444.7	67	5849.9	106	9255.1	145	12660.3	184	16065.4
29	2532.1	68	5937.2	107	9342.4	146	12747.6	185	16152.8
30	2619.4	69	6024.5	108	9429.8	147	12834.9	186	16240.1
31	2706.7	70	6111.9	109	9517.0	148	12922.2	187	16327.4
32	2794.0	71	6199.2	110	9604.3	149	13009.5	188	16414.7
33	2881.3	72	6286.5	111	9691.7	150	13096.8	189	16502.0
34	2968.6	73	6373.8	112	9779.0	151	13184.1	190	16589.3
35	3055.9	74	6461.1	113	9866.3	152	13271.5	191	16676.6
36	3143.2	75	6548.4	114	9953.6	153	13358.8	192	16763.9
37	3230.6	76	6635.7	115	10040.9	154	13446.1	193	16851.3
38	3317.9	77	6723.0	116	10128.2	155	13533.4	194	16938.6
39	3405.2	78	6810.4	117	10215.5	156	13620.7	195	17025.9

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DEPTH (Inch)	VOLUME (Gallons)	DEPTH (Inch)	VOLUME (Gallons)	DEPTH (Inch)	VOLUME (Gallons)	DEPTH (Inch)	VOLUME (Gallons)
196	17113.2	235	20518.4	274	23923.5	313	27328.7
197	17200.5	236	20605.7	275	24010.9	314	27416.0
198	17287.8	237	20693.0	276	24098.2	315	27503.3
199	17375.1	238	20780.3	277	24185.5	316	27590.7
200	17462.4	239	20867.6	278	24272.8	317	27678.0
201	17549.8	240	20954.9	279	24360.1	318	27765.3
202	17637.1	241	21042.2	280	24447.4	319	27852.6
203	17724.4	242	21129.6	281	24534.7	320	27939.9
204	17811.7	243	21216.9	282	24622.0	321	28027.2
205	17899.0	244	21304.2	283	24709.4	322	28114.5
206	17986.3	245	21391.5	284	24796.7	323	28201.8
207	18073.6	246	21478.8	285	24884.0	324	28289.2
208	18160.9	247	21566.1	286	24971.3	325	28376.5
209	18248.3	248	21653.4	287	25058.6	326	28463.8
210	18335.6	249	21740.7	288	25145.9	327	28551.1
211	18422.9	250	21828.1	289	25233.2	328	28638.4
212	18510.2	251	21915.4	290	25320.5	329	28725.7
213	18597.5	252	22002.7	291	25407.9	330	28813.0
214	18684.8	253	22090.0	292	25495.2	331	28900.3
215	18772.1	254	22177.3	293	25582.5	332	28987.7
216	18859.4	255	22264.6	294	25669.8	333	29075.0
217	18946.8	256	22351.9	295	25757.1	334	29162.3
218	19034.1	257	22439.2	296	25844.4	335	29249.6
219	19121.4	258	22526.6	297	25931.7	336	29336.9
220	19208.7	259	22613.9	298	26019.0	337	29424.2
221	19296.0	260	22701.2	299	26106.4	338	29511.5
222	19383.3	261	22788.5	300	26193.7	339	29598.8
223	19470.6	262	22875.8	301	26281.0	340	29686.2
224	19557.9	263	22963.1	302	26368.3	341	29773.5
225	19645.3	264	23050.4	303	26455.6	342	29860.8
226	19732.6	265	23137.7	304	26542.9	343	29948.1
227	19819.9	266	23225.0	305	26630.2	344	30035.4
228	19907.2	267	23312.4	306	26717.5		
229	19994.5	268	23399.7	307	26804.8		
230	20081.8	269	23487.0	308	26892.2		
231	20169.1	270	23574.3	309	26979.5		
232	20256.4	271	23661.6	310	27066.8		
233	20343.8	272	23748.9	311	27154.1		
234	20431.1	273	23836.2	312	27241.4		

LIMITED WARRANTY STATEMENT

Meridian Manufacturing Inc., (hereinafter referred to as Meridian®) hereby warrants the tank(s) sold by it to be free from any defect in material or workmanship under normal use and service for a period of two (2) years from the date of shipment. Meridian also warrants the structural integrity of the tanks(s) for a period of ten (10) years from the date of shipment. Meridian's obligation under this warranty shall be limited to the repair or replacement only, FOB the original point of shipment, of any defective parts or portions of the tank or accessories manufactured by Meridian. Any warranty claim must be reported to the Meridian within two (2) years for general and coating claims or ten (10) years for structural claims, from the date of shipment and in the manner as referred to in paragraph 2 herein.

THIS WARRANTY IS SUBJECT TO THE FOLLOWING LIMITATIONS, PROVISIONS AND CONDITIONS:

1. This warranty does not apply to:
   a. Any product sold by Meridian where it is used in areas exposed to corrosive or aggressive conditions including salt water, acids, alkaloid, ash, cement dust, animal waste or other corrosive chemicals.
   b. Failures or defects arising out of damage during shipment or during storage on site.
   c. Materials replaced or repaired under this warranty except to the extent of the remainder of th applicable warranty.
   d. Damage resulting from misuse, negligence, accident or improper site preparation by others.
   e. Products that have been altered or modified by others.
   f. (in the case of coating failures) failure as the result of damage, lack of proper maintenance or failure to remove road salt or other contaminants that may have come in contact with the tank surface.
   g. Products that have not been installed strictly in accordance with the Meridian's manuals and instructions.

2. The obligation of Meridian under this warranty shall not arise unless the Meridian is notified and this warranty is presented together with a written statement specifying the claim or defect within thirty (30) days after the failure is first detected or made known to the owner and within two (2) years for general and coating claims and ten (10) years for structural claims, from the shipment date. Meridian in its sole discretion shall determine if the claim is valid and whether correction of the defect or failure shall be made by repair or replacement of the materials.

3. The coating warranty is based on the Manufacturer's performance specification for polyester powder finishes and does not include repair of minor blemishes or rusting that is normally part of the general maintenance of the tank.

4. The obligation of Meridian hereunder extends only to the original owner and to the Meridian dealer to whom the materials may have been initially sold. This warranty shall not be subject to any assignment or transfer without the written consent of Meridian.

5. The customer shall acknowledge that it has made its own independent decision to approve the use of the supplied materials and also the specific fabrication and construction procedures utilized to complete the tank, and has satisfied itself as to the suitability of these products for this particular application.

6. The foregoing sets forth the only warranties applicable to said materials and said warranties are given expressly and in lieu of all other warranties, expressed or implied, statutory or otherwise, of merchantability or fitness for a particular purpose and all warranties which exceed or differ from said warranties herein are disclaimed by the Manufacturer.

7. The owners sole and exclusive remedy against Meridian shall be limited to the applicable warranty set forth herein and the endorsements, if any, issued together with this document and no other remedy (including but not limited to the recovery of assembly or disassembly costs, shipping costs, direct, incidental, special, indirect or consequential damages for lost profits, lost sales, injury to person or property or any other loss, whether arising from breach of contract, breach of warranty, tort, including negligence, strict liability or otherwise) shall be available to the owner or Meridian Dealer or any other person or entitles whether by direct action or for contribution or indemnity or otherwise.

8. The financial obligation of Meridian under this warranty shall be limited to the repair or replacement of the product as originally supplied and in no event shall exceed the original cost of the product supplied.

9. Meridian shall not have any obligation under any warranty herein until all accounts for materials, installation and erection of the said product thereof and for labor and other work performed by Meridian or its dealers have been paid in full by the owner.

Register your product at: www.merdianmfg.com
For warranty information send an email to: warranty@meridianmfg.com

WARRANTY REQUEST PROCEDURE

1. The product must be registered with Meridian Manufacturing Inc.

2. The purchaser must contact the dealer, from where the unit was purchased, immediately upon discovery of any defects.

3. A completed Warranty Request Form must be submitted by the dealer to Meridian's warranty representative for review and any subsequent course of action.
   - Warranty requests must be completed with ALL required information in order for it to be considered for approval.
   - Send photographs of the entire piece of equipment, and of the specific area of concern.

4. Warranty repair work will only be performed by Meridian or an approved representative of Meridian. Warranty work completed prior to Meridian's approval will NOT be honoured. Failure to follow this procedure may affect any or all of this warranty.

5. All warranty requests will be adjudicated at the sole discretion of Meridian and in accordance with the terms and conditions of the warranty.

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Part No: 10628