

Stay On Top With Aboveground Storage Tanks

Vertical • Horizontal



MODERN WELDING CO., INC.

1 800 922 1932

www.modweldco.com



MODERN WELDING CO., INC.

Aboveground Vertical Storage Tanks

- 500 to 50,000 gallon capacity
- Material of construction maybe carbon or stainless steel
- Underwriters Laboratories Construction, UL-142
- Single or double wall steel configurations available
- Available with multiple compartments for multiple fuel storage
- Compatible with gasoline, diesel, fuel oil, ethanol, methanol and additives
- Lined internally for special applications, such as jet fuel or potable water storage
- Tank supports maybe, flat bottom, beam legs or skirt
- Tanks available with pump platforms and accessories
- Special pumping equipment available

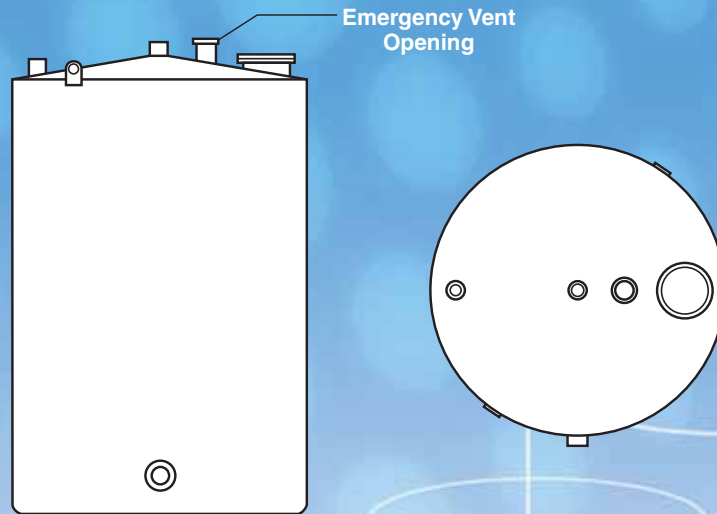
Vertical Configurations:

These are steel atmospheric tanks intended for aboveground storage of non-corrosive, stable, flammable, and combustible liquids that have a specific gravity not exceeding that of water. Maximum allowable working pressure is 0.5 psig as measured from top of tank. Vertical tanks maybe of single or double wall construction. If the tank is a double wall configuration, then it has interstitial monitoring capabilities. These tanks may also be built with or without multiple compartments for multiple fuel storage. Tanks generally have flat bottoms and conical roofs.

Special fabrication:

Modern can incorporate dished tops, dished and coned bottoms all supported on skirts or legs. Only new materials are used in tank construction. Each tank is sized with the appropriate normal and emergency vent openings as defined in the tank's standard of construction. Tanks are built to Underwriters Laboratories specification standard UL-142. For special applications, such as products that have a larger specific gravity than water, Modern offers American Petroleum Institute, API, designed tanks in the API-620 or API-650 design configurations.

Vertical Aboveground Single Wall Storage Tank



APPROX. CAPACITY (GALLONS)	NOM. DIAMETER	NOM. SHELL HEIGHT
560	48"	6'-0"
1,000	64"	6'-0"
2,000	64"	12'-0"
3,000	96"	8'-0"
4,000	96"	10'-8"
6,000	96"	16'-0"
6,000	120"	10'-3"
8,000	120"	13'-8"
10,000	120"	17'-0"
12,000	120"	20'-6"
15,000	126"	23'-2"
15,000	144"	17'-9"
16,500	120"	28'-0"
20,000	144"	23'-8"
24,500	144"	29'-0"
29,600	144"	35'-0"

Tank lengths listed above are based on nominal tank dimensions.
Overall tank lengths will vary during actual manufacturing.

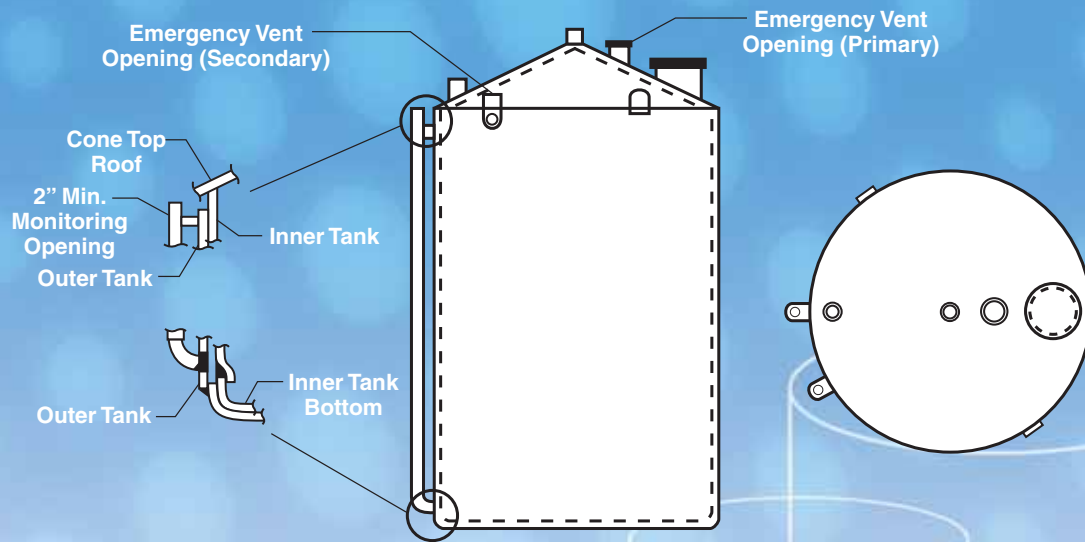
STANDARD SPECIFICATIONS

- Built per UL 142 and tanks will bear the UL label.
- Modern's standard opening locations and two (2) lifting lugs.
- Exterior coated with one (1) coat of standard shop primer and not blast cleaned.
- Check with Modern for type of Emergency Vent Opening supplied.
- Other exterior and interior coating systems available upon request.
- Other tank sizes available upon request.



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Vertical Aboveground Double Wall Storage Tank



APPROX. CAPACITY (GALLONS)	NOM. DIAMETER	NOM. SHELL HEIGHT
560	48"	6'-0"
1,000	64"	6'-0"
2,000	64"	12'-0"
3,000	84"	10'-6"
3,000	96"	8'-0"
4,000	96"	10'-8"
6,000	96"	16'-0"
6,000	120"	10'-3"
8,000	120"	13'-8"
10,000	120"	17'-0"
12,000	120"	20'-6"
16,500	120"	28'-0"
15,000	126"	23'-2"
15,000	144"	17'-9"
20,000	144"	23'-8"
24,000	144"	29'-0"
29,600	144"	35'-0"

Tank lengths listed above are based on nominal tank dimensions.
Overall tank lengths will vary during actual manufacturing.

STANDARD SPECIFICATIONS

- Tank meets UL142 standards for double wall design.
- Modern's standard opening locations and required lifting lugs..
- Exclusive free flow annular space design
- Exterior coated with one (1) coat of standard shop primer and not blast cleaned
- Check with Modern for type of Emergency Vent Opening supplied.
- Other exterior and interior coating systems available upon request.
- Other tank sizes available upon request.



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Aboveground Horizontal Storage Tanks

- 300 to 50,000 gallon capacity
- Material of construction maybe carbon or stainless steel
- Underwriters Laboratories Construction, UL-142
- Single or double wall steel configurations available
- Also available in rectangular constructions up to 24,000 gallons
- Available with multiple compartments for multiple fuel storage
- Compatible with gasoline, diesel, fuel oil, ethanol, methanol and additives
- Lined internally for special applications, such as jet fuel or potable water storage
- Tanks maybe supported on stationary saddles, anti-roll stabilizers or structural skid configurations
- Tanks available with pump platforms and accessories
- Fuel dispensing equipment available

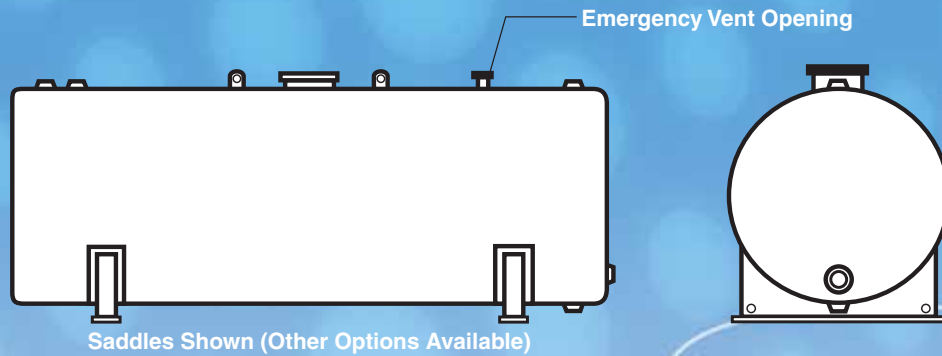
Horizontal Configurations:

These are steel atmospheric tanks intended for aboveground storage of non-corrosive, stable, flammable, and combustible liquids that have a specific gravity not exceeding that of water. Maximum allowable working pressure is 0.5 psig as measured from top of tank.

Special Fabrication:

Modern can incorporate stationary support saddles, anti roll supports or structural skids. Only new steel materials are used in tank constructions. Each tank is sized with the appropriate normal and emergency vent openings as defined in the tank's standard of construction. Horizontal tanks maybe single or double wall construction. If the tank is a double wall configuration, then it has interstitial monitoring capabilities. Tanks may also be built with or without multiple compartments for multiple fuel storage. Tanks are built to Underwriters Laboratories specification standard UL-142.

Horizontal Aboveground Single Wall Storage Tank



APPROX. CAPACITY (GALLONS)	NOM. DIAMETER	NOM. LENGTH
300	38"	6'-0"
560	48"	6'-0"
1,120	48"	12'-0"
1,000	64"	6'-0"
2,000	64"	12'-0"
3,000	64"	18'-0"
4,000	64"	24'-0"
4,000	96"	10'-8"
6,000	96"	16'-0"
8,000	96"	21'-4"
10,000	96"	26'-8"
12,000	96"	32'-0"
10,000	120"	17'-0"
12,000	120"	20'-6"
15,000	120"	25'-6"
20,000	120"	34'-6"
25,000	120"	42'-9"
20,000	126"	31'-0"
25,000	126"	38'-10"
30,000	126"	46'-6"
40,000	144"	47'-3"
50,000	144"	59'-2"

Tank lengths listed above are based on nominal tank dimensions.
Overall tank lengths will vary during actual manufacturing.

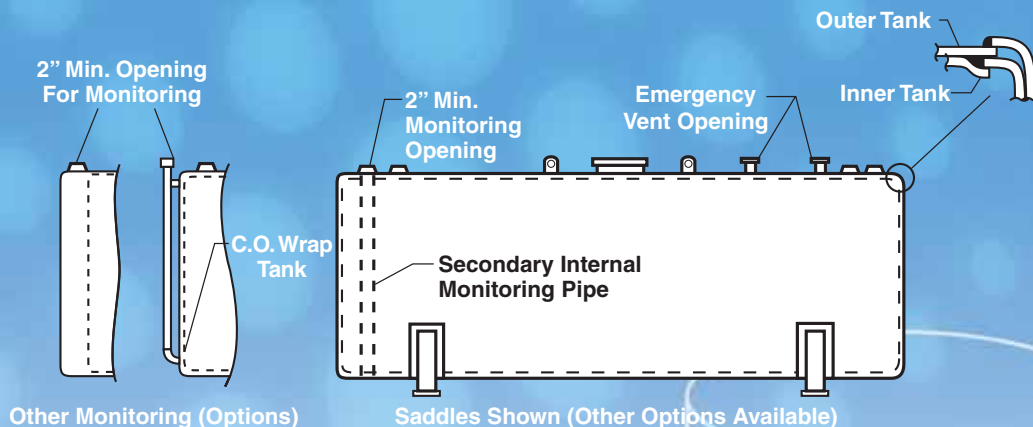
STANDARD SPECIFICATIONS

- Built per Underwriters Laboratories UL 142 standard.
- Modern's standard opening locations and required lifting lugs.
- Exterior coated with one (1) coat of standard shop primer and not blast cleaned.
- Check with Modern for type of Emergency Vent Openings supplied. Support may be two (2) saddles, stabilizers, or skid configuration.
- Other exterior and interior coating systems available upon request.
- Other tank sizes available upon request.



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Horizontal Aboveground Double Wall Storage Tank



APPROX. CAPACITY (GALLONS)	NOM. DIAMETER	NOM. LENGTH
300	38"	6'-0"
560	48"	6'-0"
1,000	64"	6'-0"
2,000	64"	12'-0"
3,000	64"	18'-0"
4,000	64"	24'-0"
4,000	96"	10'-8"
6,000	96"	16'-0"
8,000	96"	21'-4"
10,000	96"	26'-9"
12,000	96"	32'-0"
10,000	120"	17'-0"
12,000	120"	20'-6"
15,000	120"	25'-6"
20,000	120"	34'-6"
25,000	120"	42'-9"
30,000	126"	46'-6"
25,000	126"	38'-10"
40,000	144"	47'-4"
50,000	144"	59'-4"

Tank lengths listed above are based on nominal inner tank dimensions.
Overall tank lengths will vary during actual manufacturing.

STANDARD SPECIFICATIONS

- Built per Underwriters Laboratories UL 142 standard for double wall design.
- Exclusive free flowing design.
- Modern's standard opening locations and required lifting lugs.
- Exterior coated with one (1) coat of standard shop primer and not blast cleaned.
- Check with Modern for type of Emergency Vent Openings supplied.
- Support may be two (2) saddles, stabilizers, or skid configuration.
- Other exterior and interior coating systems available upon request.
- Other tank sizes available upon request.



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Aboveground Storage Tanks

Vertical • Horizontal



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