



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFO NUMBER
709C0017

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
MICHAEL AUSTIN 304-558-2402

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*A27153509 01 800-458-5123
SNOW EQUIPMENT SALES
374 HEIDLEBURG RD

BIGLERVILLE PA 17307

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DIVISION OF HIGHWAYS
VARIOUS LOCALES AS INDICATED
BY ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/25/2009				

BID OPENING DATE: 04/08/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		557-70		
CONTRACT/ABOVE GROUND STORAGE TANKS AND ACCESSORIES						
OPEN END CONTRACT						
TO PROVIDE ABOVE GROUND STORAGE TANKS AND ACCESSORIES AS REQUIRED BY THE WEST VIRGINIA DIVISION OF HIGHWAYS. PER THE ATTACHED SPECIFICATIONS AND DRAWINGS.						
THE EQUIPMENT DIVISION'S ESTIMATED USAGE.						
5 - 330 GALLON TANK						
5 - 350 GALLON TANK						
1 - 5000 GALLON TANK						
5 - 10,000 GALLON TANK						
1 - 20,000 GALLON TANK						
14 - PUMP/DISPENSERS						
PURCHASING CARD ACCEPTANCE: THE STATE OF WEST VIRGINIA CURRENTLY UTILIZES A VISA PURCHASING CARD PROGRAM WHICH IS ISSUED THROUGH A BANK. THE SUCCESSFUL VENDOR MUST ACCEPT THE STATE OF WEST VIRGINIA VISA PURCHASING CARD FOR PAYMENT OF ALL ORDERS PLACED BY ANY STATE AGENCY AS A CONDITION OF AWARD.						
EXHIBIT 3						
LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON AND EXTENDS FOR A PERIOD OF ONE (1						

RECEIVED

2009 APR -8 A 11: 59

PURCHASING DIVISION
STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
Thomas Bair	800-458-5123	4/7/09	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
Vice President	232065809		

WHEN RESPONDING TO RFO, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



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<p>YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK.)</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Thomas Bar</i>	TELEPHONE 800-458-5123	DATE 4/7/09
TITLE <i>Vice President</i>	FEIN 232065809	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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04/08/2009

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF THE CONTRACT, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.</p> <p>ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN STATE CONTRACT ORDER (FORM NUMBER WV-39) TO THE VENDOR FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.</p> <p>REV. 04/11/2001</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.:</p> <p>ADDENDUM ACKNOWLEDGEMENT</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 800-458-5123	DATE 4/7/09
TITLE V. C. BROWN	FEIN 232065809	ADDRESS CHANGES TO BE NOTED ABOVE

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<p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO.'S:</p> <p>NO. 1</p> <p>NO. 2</p> <p>NO. 3</p> <p>NO. 4</p> <p>NO. 5</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p>..... SIGNATURE</p> <p>GVM Snow Equipment..... COMPANY</p> <p>4/7/09..... DATE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
Thomas Bean	800-458-5123	4/7/09	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
Vice President	232065809		

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BID OPENING DATE:

04/08/2009

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
REV. 11/96						
NOTICE						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER: 33						
RFQ. NO.: 709C0017-----						
BID OPENING DATE:-----						
BID OPENING TIME:-----						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
-----717-677-4291-----						
CONTACT PERSON (PLEASE PRINT CLEARLY):						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>[Signature]</i>	800-458-5123	4/7/09
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Vice President	232065809	

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1. 330 GALLON DOUBLE WALL LUBRICANT TANK UL-142
 (VERTICAL, HORIZONTAL, UPRIGHT)
 OVAL DIMENTION APPROXAMATLY
 6'3" LONG
 2'3" WIDE
 3'8" DEEP
 SHALL BE DOUBLE WALL CONSTRUCTED OF 12 GAUGE STEEL
 TANK SHALL INCLUDE:
 4) 2" THREADED CONNECTIONS
 1) 3" THREADED CONNECTIONS
 1) ½" THREADED CONNECTIONS
 SHALL INCLUDE THREADED PIPE SUPPORT LEGS WITH FLOOR
 FLANGES.
 TANK COATING, MEDIA BLAST, EPOXY PRIMER, WHITE URETHANE
 PAINT.

PICK UP COST

DELIVERED COST

UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
# 1535.25	# 7676.25	# 2285.25	# 11,426.25

2. 350 GALLON DOUBLE WALL LUBRICANT TANK UL-142
 RECTANGULAR DIMENTIONS APPROXAMATLY
 5'1.5" LONG
 3'6.5" WIDE
 2'8.5" DEEP
 DOUBLE WALL TANK SHALL BE OF ALL WELDED
 CONSTRUCTION, FABRICATED OF 12 GAUGE THICK MILD CARBON
 STEEL FOR THE INNER TANK.
 STANDARD CONSTRUCTION UTILIZES LAP JOINTS WITH CONTINUOUS
 FILLET WELD ON ALL OUTSIDE SEAMS ONLY.
 TANK SHALL INCLUDE:
 5) 2" FORGED STEEL FITTING
 1) 4" OR 6" FORGED STEEL FITTING OR AN 18" LOOSE BOLT MANHOLE
 FOR EMERGENCY VENTING.
 FABRICATION SHALL INCLUDE 2" HIGH SUPPORT WELDED TO THE
 TANK UNDERSIDE PROVIDING GROUND CLEARANCE FOR VISUAL
 INSPECTION.
 TANK COATING: MEDIA BLAST, EPOXY PRIMER, WHITE URETHANE
 PAINT.

PICK UP COST

DELIVERED COST

UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
# 2058.50	# 10,292.50	# 2808.50	# 14,042.50

3. 5000 GALLON ABOVE GROUND STORAGE TANK. TO INCLUDE
 8" HEAVY BEAM SKID
 24" MAN WAY
 TYPE: DOUBLE WALL
 MATERIAL: MILD CARBON STEEL
 DIAMETER: 96" APPROX.
 WEIGHT: 9650 lbs. APPROX.
 1 PUMP PLATFORM ATTACHED AND, 1 DISPENSER BRACKET ATTACHED
 NPT OPENINGS: 1-8", 1-6", 4-4", 1-3", 1-2".
 NPT SECONDARY EMERGENCY VENT OPENING 1-8", AND 1-2" MONITOR PIPE
 PRIMARY EMERGENCY VENT 1-8", SECONDARY EMERGENCY VENT 1-8".
 STANDARD MUSHROOM VENT CAP 1-3".
 LADDER BRACKET BOTH ENDS
 EXTERIOR COATING: MEDIA BLAST, EPOXY PRIMER, WHITE URETHANE PAINT

PICK UP COST

DELIVERED COST

UNIT PRICE AMOUNT

UNIT PRICE AMOUNT

\$ 21,414.15 \$ 21,414.15

\$ 23,514.15 \$ 23,514.15

4. 10,000 GALLON ABOVE GROUND STORAGE TANK. TO INCLUDE
 8" HEAVY BEAM SKID
 (1) -24" MAN WAY PER COMPARTMENT
 TYPE: DOUBLE WALL WITH DOUBLE WALL BULKHEAD COMPARTED 5000/5000
 MATERIAL: MILD CARBON STEEL
 DIAMETER: 120" APPROX.
 WEIGHT: 19,100 lbs. APPROX.
 2 PUMP PLATFORMS ATTACHED AND 3 DISPENSER BRACKETS ATTACHED
 2 ON SAME SIDE 1 ON OPPOSITE SIDE
 NPT OPENINGS EACH COMPARTMENT 1-8", 1-6", 4-4", 1-3", 1-2"
 NPT SECONDARY EMERGENCY VENT OPENINGS 1-8", AND 1-2" MONITOR PIPE
 PRIMARY EMERGENCY VENT 1-8", SECONDARY EMERGENCY VENT 1-8"
 PER COMPARTMENT
 STANDARD MUSHROOM VENT CAP 1-3", PRESSURE VACUUM VENT CAP 1-3"
 PER COMPARTMENT
 LADDER BRACKET BOTH ENDS
 EXTERIOR COATING: MEDIA BLAST, EPOXY PRIMER, WHITE URETHANE PAINT

PICK UP COST

DELIVERED COST

UNIT PRICE AMOUNT

UNIT PRICE AMOUNT

\$ 37,207.10 \$ 186,035.50

\$ 40,107.10 \$ 200,535.50

5. 20,000 GAL. ABOVE GROUND STORAGE TANK TO INCLUDE THE FOLLOWING:
 8" HEAVY BEAM SKID
 (1)-24" MANWAY PER COMPARTMENT
 TYPE: DOUBLE WALL WITH DOUBLE WALL BULKHEAD, COMPARTED 10,000/10,000
 MATERIAL: MILD CARBON STEEL
 DIAMETER: 120" APPROX
 WEIGHT: 33,000 lbs. APPROX.
 2 PUMP PLATFORMS ATTACHED AND 3 DISPENSER BRACKETS ATTACHED
 (2) ON SAME SIDE (1) ON OPPOSITE.
 NPT OPENINGS EACH COMPARTMENT 1-8", 1-6", 4-4", 1-3", 1-2"
 NPT SECONDARY EMERGENCY VENT OPENING 1 - 10" AND 1-2" MONITOR PIPE
 PRIMARY EMERGENCY VENT 2-8", SECONDARY EMERGENCY VENT 1-10"
 PER COMPARTMENT.
 STANDARD MUSHROOM VENT CAP 1-3" PRESSURE VACUUM VENT CAP 1-3"
 PER COMPARTMENT.
 LADDER BRACKETS BOTH ENDS
 EXTERIOR COATING: MEDIA BLAST, EPOXY PRIMER, WHITE URETHANE PAINT

PICK UP COST		DELIVERED COST	
UNIT COST	AMOUNT	UNIT PRICE	AMOUNT
\$ <u>45,557.25</u>	\$ <u>45,557.25</u>	\$ <u>48,457.25</u>	\$ <u>48,457.25</u>

ALL TANKS SHALL MEET OR EXCEED UL 142, NFPA 30 AS WELL AS ANY OTHER FEDERAL OR STATE LAWS, RULES OR GUIDELINES.

ALL TANKS SHALL INCLUDE NECESSARY COMPONENTS AND HARDWARE TO PUT EACH PRODUCT IN SERVICE.

6. REMOTE FILL BOX TO INCLUDE 30-20GL-700B BAKER STAND OR EQUAL, 20 GALLON CONTAINMENT WITH VENT, DRAIN PORT, AND LOCKING DOOR, 3" CAM LOCK ADAPTER WITH CAP, 3" FULL PORT VALVE, 3" BRASS SWING CHECK, 3" x 6" MOR 9095A REMOTE BOTTOM FILL LIMITER VALVE OR EQUAL.

UNIT PRICE ~~\$~~ 400.00

7. MORRISON CLOCK GAUGE MODEL 818-0100AG (2") OR EQUAL

UNIT PRICE N/A

8. LEAK DETECTION: 7880073-5 CHANNEL ALARM PANEL OR EQUAL, 2-LS-800 HIGH LEVEL PROBES WITH CAPS, 1-LS750 SECONDARY INTERSTICE LEAK SENSOR SHALL MEET OR EXCEED UL 142 AND NFPA 30.

UNIT PRICE ~~\$~~ 1434.05

9. 108" STAIRWAY (2) OSHA COMPLIANT WITH LANDING AND HANDRAIL. BLAST AND COAT SAFETY YELLOW URETHANE, SHALL BOLT DIRECTLY TO TANK.

UNIT PRICE \$ 3,382.15

10. 128" STAIRWAY (2) OSHA COMPLIANT WITH LANDING AND HANDRAIL. BLAST AND COAT SAFETY YELLOW URETHANE, SHALL BOLT DIRECTLY TO TANK.

UNIT COST \$ 4940.40

11. PUMP/DISPENSER: GASBOY 9823K, (21 GPM) OR EQUAL, TO INCLUDE THE FOLLOWING:
 PULSER BRACKET MOUNT KIT
 FILTER
 SOLENOID VALVE
 EXPANSION RELIEF VALVE
 HIGH HOSE RETRACTOR
 1" x 20' DIESEL HOSE OR ¾ x 12' GAS HOSE AS SPECIFIED
 AUTO NOZZLE
 SWIVEL AND WHIP HOSE
 SAFE-T-BREAK (reconnectable) 1.5" SUCTION PIPING TO FACILITATE TANK DIAMETER.
 DISPENSE 21 GALLON PER MINUTE
 PULSE OUTPUT CARD TO MATCH FOR FUTURE INSTALLATION OF ASTRA FLEET KEY SYSTEM OR ISLANDER SYSTEM. TO BE DETERMINED AT TIME OF PURCHASE.

UNIT COST \$ 4940.40

THE VENDOR SHALL FURNISH ANY TECHNICAL ENGINEERING SERVICE WHICH MIGHT BE NEEDED IN THE PROPER INSTALLATION OF THESE ITEMS AT NO EXTRA COST TO THE WV DIVISION OF HIGHWAYS.

DOH WILL DETERMINE AT THE TIME OF ORDER IF TANK WILL BE PICKED UP BY DOH PERSONNEL OR DELIVERED TO DOH LOCATION.

DELIVERY LOCATIONS MAY INCLUDE AREAS IN THE FOLLOWING DISTRICTS:

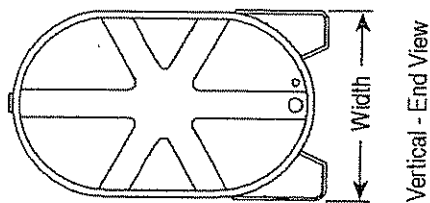
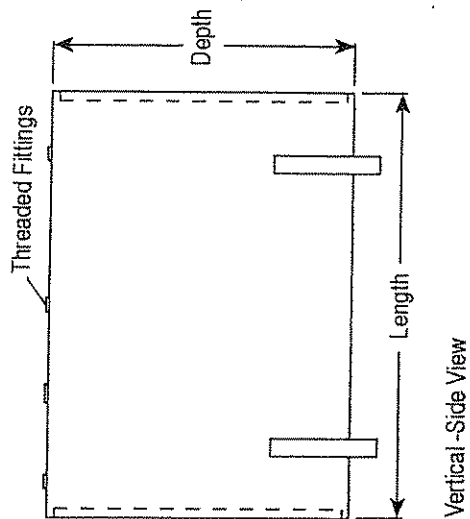
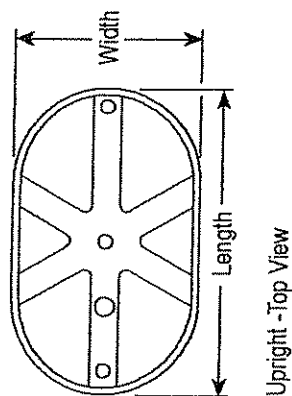
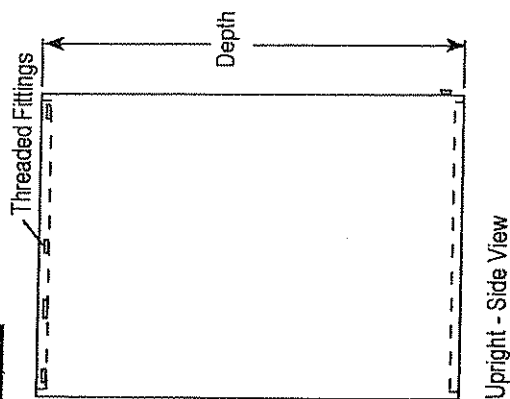
DISTRICT 1 - CHARLESTON
 DISTRICT 2 - HUNTINGTON
 DISTRICT 3 - PARKERSBURG
 DISTRICT 4 - CLARKSBURG
 DISTRICT 5 - BURLINGTON
 EQUIPMENT DIVISION - BUCKHANNON

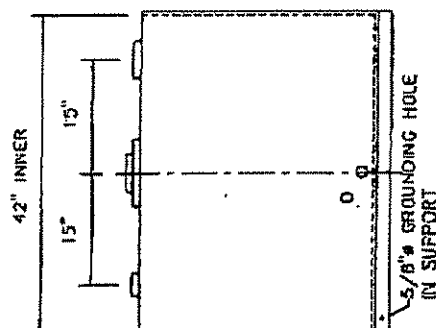
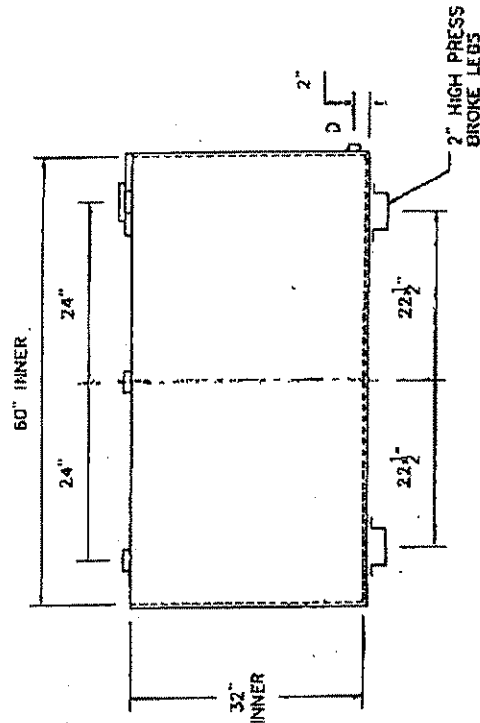
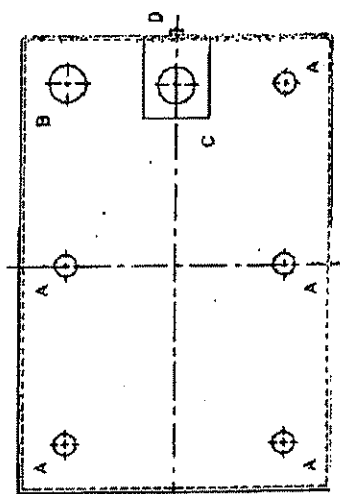
DISTRICT 6 - MOUNDSVILLE
 DISTRICT 7 - WESTON
 DISTRICT 8 - ELKINS
 DISTRICT 9 - LEWISBURG
 DISTRICT 10 - PRINCETON

CONTRACT WILL BE AWARDED ON DELIVERED COST OF COMPLETE UNIT INCLUDING ACCESSORIES.

330 GAL LUBE TANK

General Arrangement



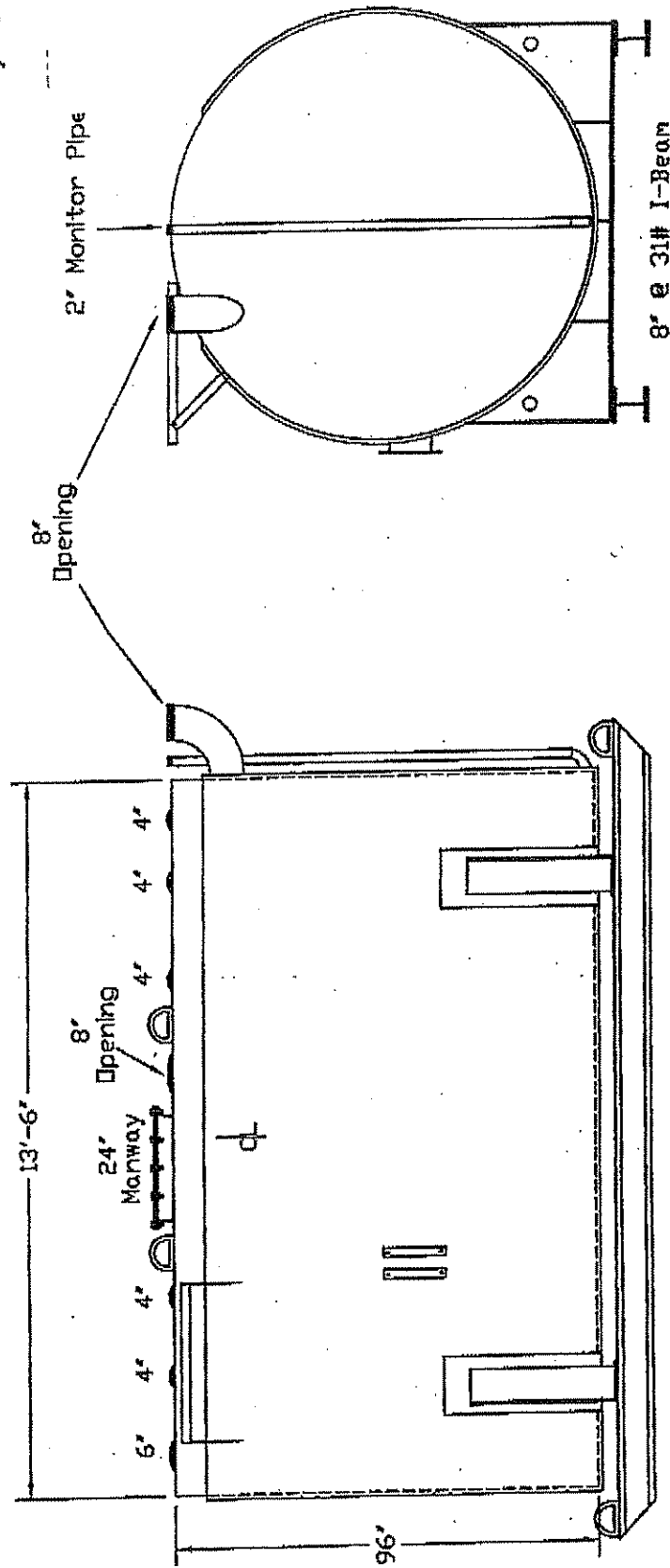


DESIGN DATA	
CAPACITY	- 350 GALLONS
TYPE	- DOUBLE WALL - TYPE I
NO. REQ.	- -
OPERATING PRESSURE	- ATMOSPHERIC
TANK MATERIAL	- MILD CARBON STEEL
THICKNESS - INNER	- 12 GAUGE
THICKNESS - OUTER	- 12 GAUGE
CONSTRUCTION	- INNER - LAP WELD OUTSIDE ONLY OUTER - LAP WELD OUTSIDE ONLY
TANK TEST	- INNER - 2 PSIG OUTER - 2 PSIG AND FULL VACUUM
INT. FINISH	- NONE
EXT. FINISH	- SHOP PRIMER
LABEL - UL 142	
LEGEND	
A	2" FITTING
B	4" FITTING
C	4" FITTING MOUNTED IN INTERSTICE EXTENSION BO WATER WITH LABEL - SECONDARY EMERGENCY VENT US
D	1/2" FITTING THROUGH OUTER SHELL ONLY WITH BUTTON EYE GLASS
E	-
F	-

[illegible]

Capacity 5,000 Gallons Heads Primary 1/4" Paint Ext. White Urethane
 Design Doublewall Beamskid Shell Primary 1/4" Paint Int. _____
 Code UL 142 Flameshield Heads Secondary 1/4" Weight Empty 9,650 lbs.
 Test Pres. 5 PSI Shell Secondary 10 Gauge Rev.# _____ Date: _____

Tank For Stationary Use Only



Capacity 10,000 Gallons Heads Primary 1/4" Paint Ext. White Urethane

Design Aboveground DW Shell Primary 1/4" Paint Int. _____

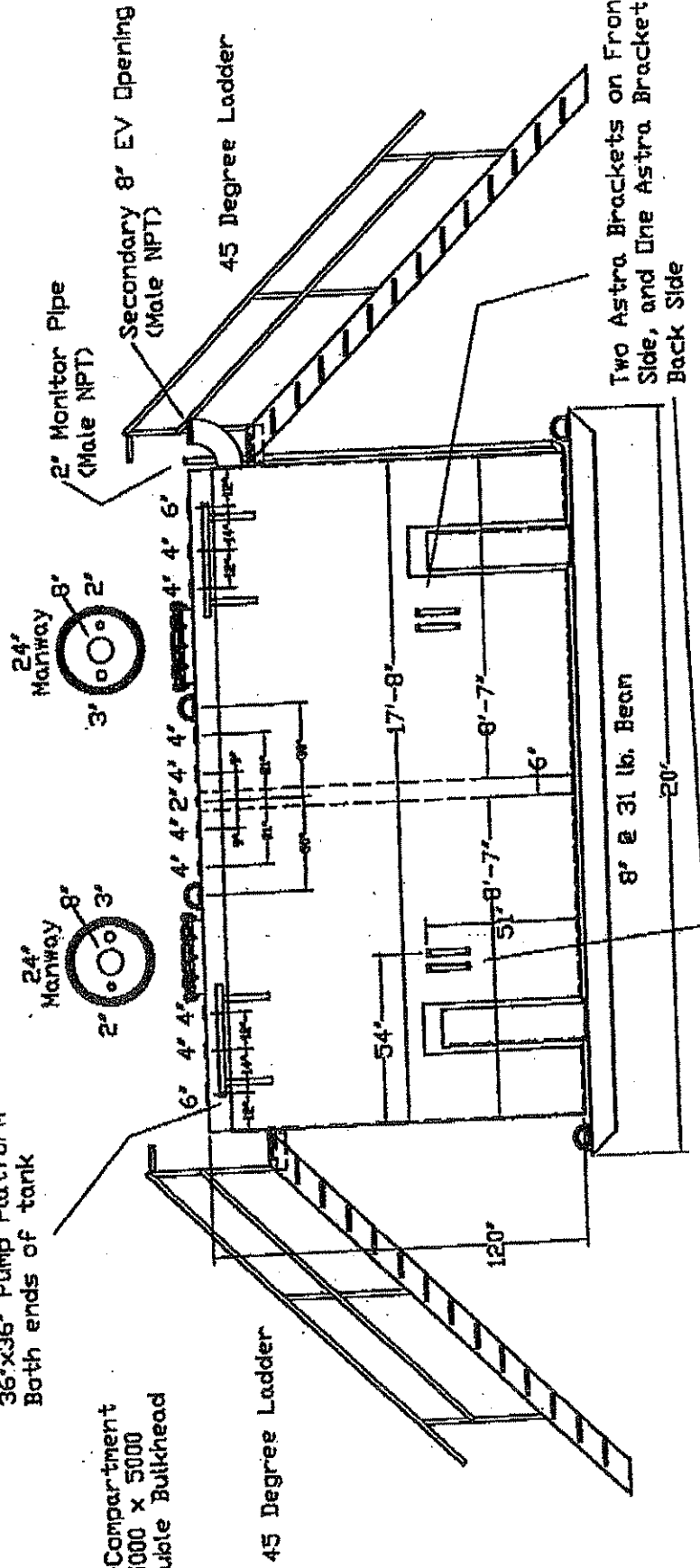
Code UL 142 Flareshield Heads Secondary 1/4" Weight Empty 19,100 lbs.

Test Pres. 5 PSI Shell Secondary 7 Gauge Rev.# _____ Date: _____

Tank For Stationary Use Only

36"x36" Pump Platform
Both ends of tank

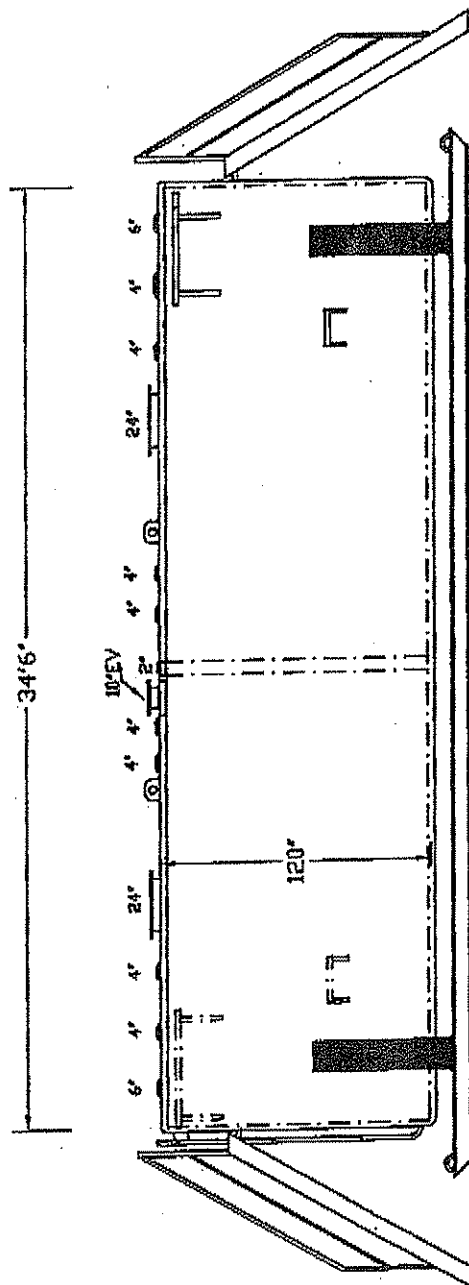
2-Compartment
5000 x 5000
Double Bulkhead



Generic Configuration Drawing

Capacity 20000 Gallon
 Design Dual Wall AG
 Code UL142 Flameshield
 Test Pres. 5 PSI
 Heads Primary 5/16
 Secondary 1/4
 Shell Primary 1/4
 Secondary 7 Ga.
 Paint Ext. White Urethane
 Paint Int. _____
 Weight Empty 33,000#
 Drawing # _____
 Scale None
 Spec. Note:

2 Compartment
 10000 x 10000
 Double Bulkhead



VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. Application is made for 2.5% resident vendor preference for the reason checked:
____ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
____ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
____ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked:
____ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked:
____ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked:
____ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:
____ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:
____ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: _____

Signed: _____

Date: _____

Title: _____

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

Vendor's Name: GVM Snow Equipment
Authorized Signature: [Signature] Date: 4/7/09
Purchasing Affidavit (Revised 01/04/09)



WWW.SNOWEQUIPMENTSALES.COM

April 7, 2009

To: Michael Austin
From: Tom Bair-GVM
Topic: Explanation of tank spec.

Michael,

Just wanted to explain a couple points from the specification as it is written based on what our tank manufacturer told me.

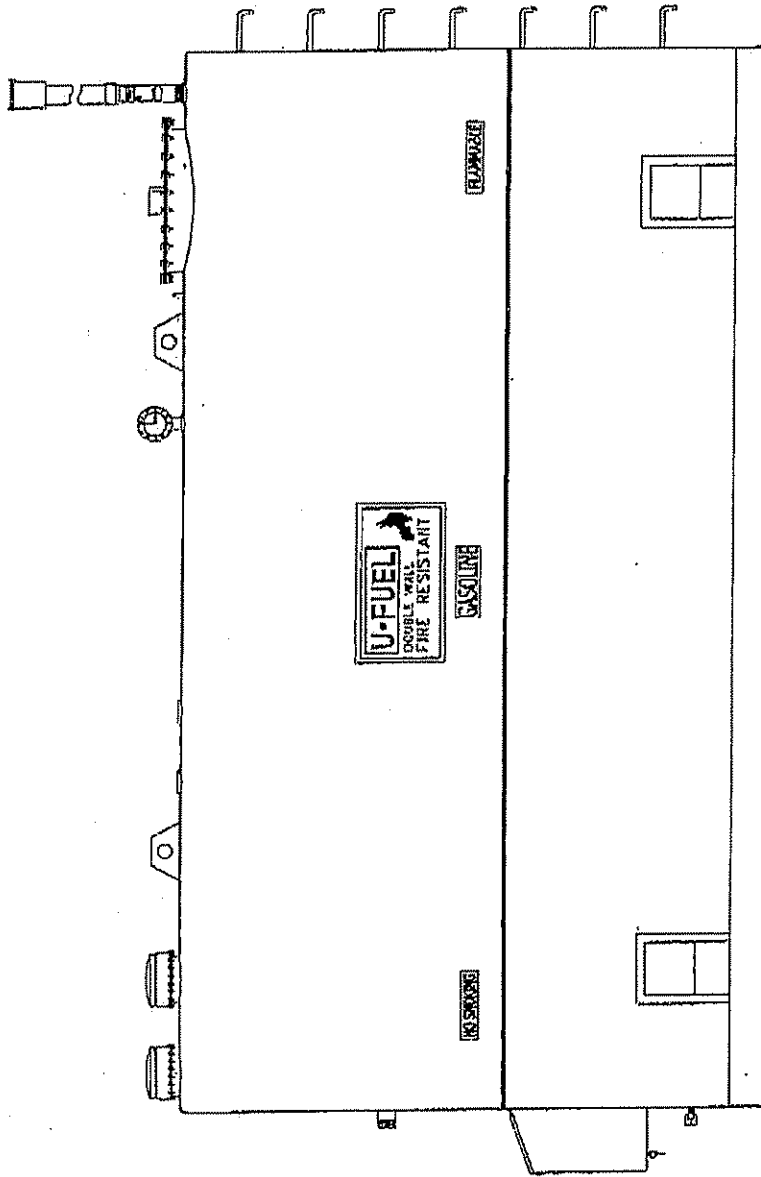
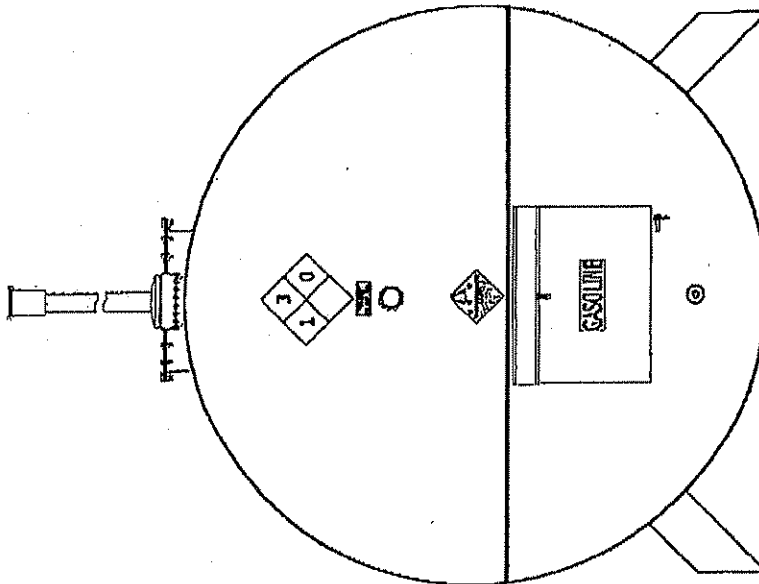
1. Morrison Clock Gauge Model 818-0100AG (2") or equal—No price was entered here because this is already part of the 5000/10000/20000 gallon tanks.
2. Leak detection-What we specified was Pneumercator LC 1002 Panel and (3) float sensors. Specification for this is enclosed.
3. Pump/dispenser: GASBOY 9823K was specified. We are recommending WAYNE S1 Reliance Dispenser and 700 Series Pump with all the required components needed for operation.
4. Other drawings of tanks are included for your review.

If you have any questions or would like to discuss any portion of this quote please let me know and I will have the manufacturer discuss with your people to address any part of this bid.

Thanks for the opportunity to quote.

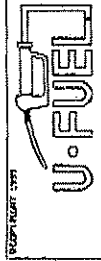
Regards,
Tom Bair-GVM Vice President

SINGLE PRODUCT STANDBY



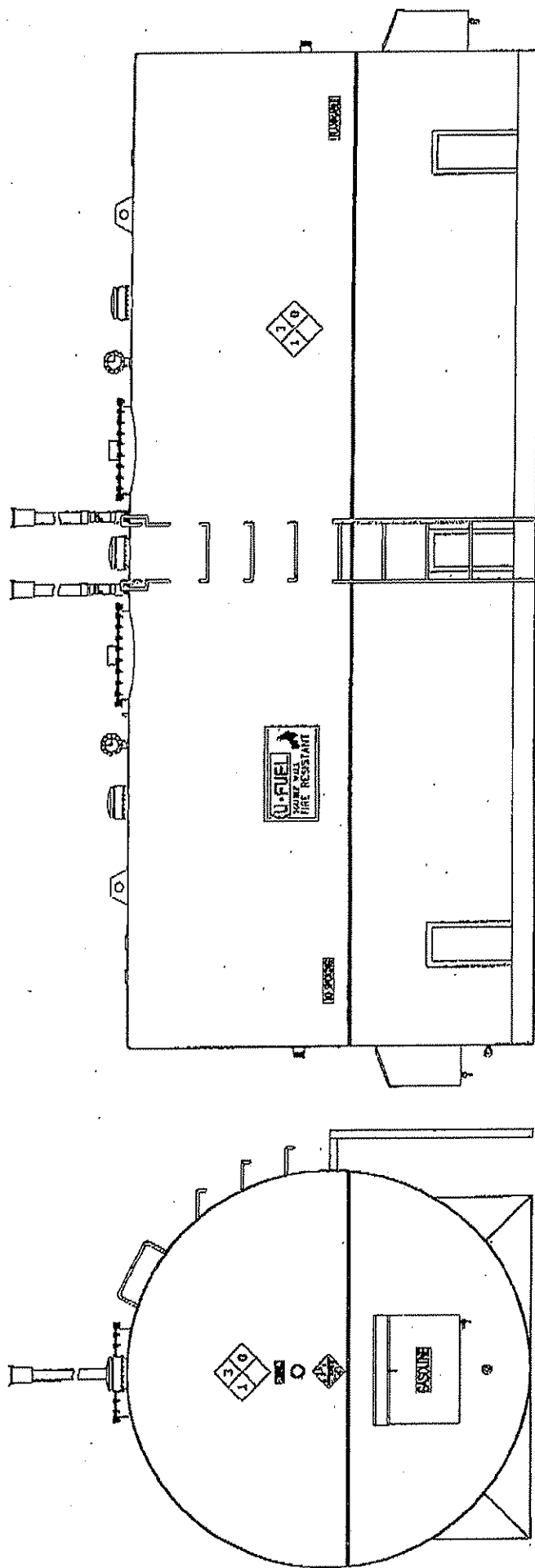
- ☒ 5,000 GALLONS-Ø96"x13'-4"
- ☐ 6,000 GALLONS-Ø96"x16'-0"
- ☐ 8,000 GALLONS-Ø96"x21'-4"

CAPACITY IN GALLONS		TANK PART NO.		DIMENSIONS		DRAWN BY		SEE		CHECKED BY		DATE	
												1-12-00	
QTY						DWG NO.				JOB NO.			
								F/N		970008			
DESCRIPTION												STANDBY TANK	

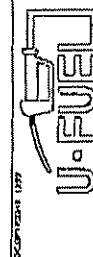


RECEIVED 1-12-00

TWO PRODUCT STANDBY



[X] 10,000/2 GALLONS-Ø108"x21'-0"
 [] 12,000/2 GALLONS-Ø108"x25'-3"
 [] 15,000/2 GALLONS-Ø108"x31'-6"



DESCRIPTION

STANDBY TANK

DATE
1-12-00

CHECKED
BY

SEE

DRAWN
BY

JOB
NO.

DWG
NO.

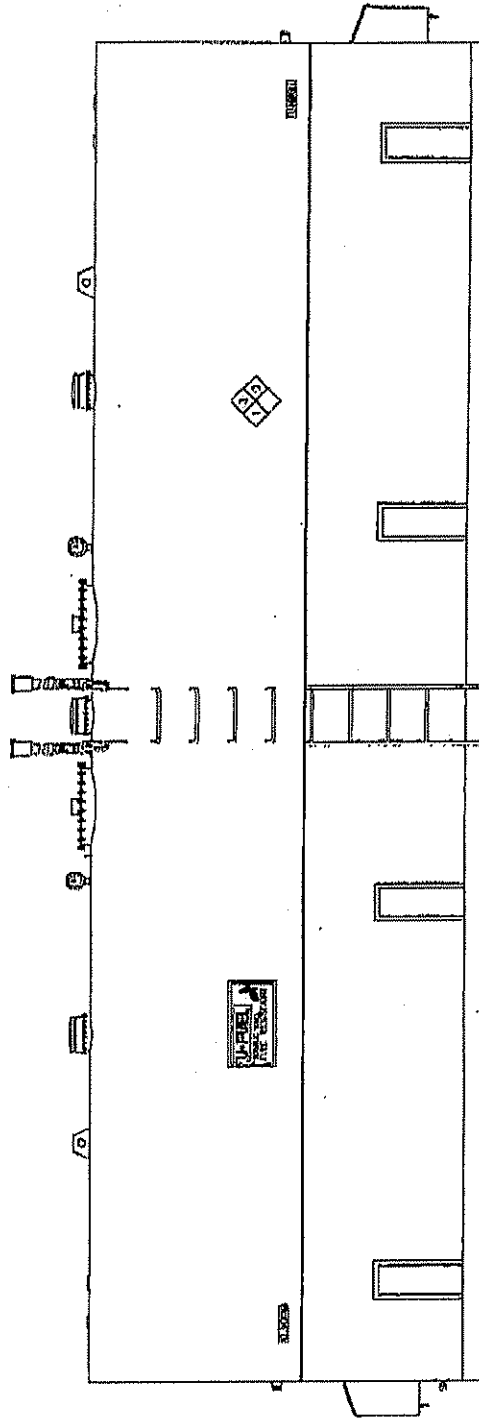
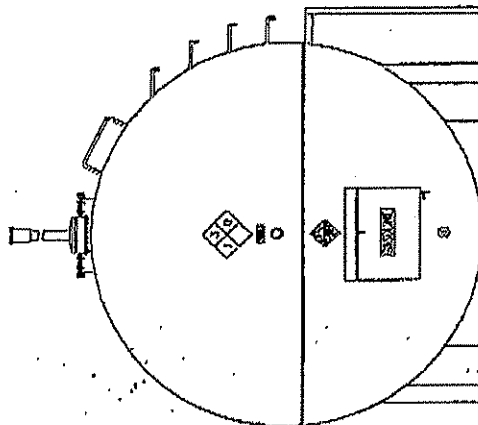
DIMENSIONS

TANK PART NO.

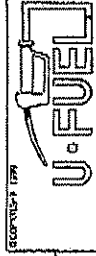
QTY CAPACITY IN
GALLONS

F/N 970024

TWO PRODUCT STANDBY



- [X] 20,000/2 GALLONS--Ø120"x34'-0"
- [] 25,000/2 GALLONS--Ø120"x42'-6"
- [] 30,000/2 GALLONS--Ø120"x51'-0"



U-FUEL
PATENT # 4,938,020 PAT. PENDING

QTY	CAPACITY IN GALLONS	TANK PART NO.	DIMENSIONS	DRAWN BY	SEE	CHECKED BY	DATE
				DWG NO.		JOB NO.	1-12-00
				F/N	FRBSB10D2PA		

DESCRIPTION

STANDBY TANK

FIRE RESISTANT FUEL SYSTEM**SPECIFICATIONS****Bottom Load Standby****CAPACITY:**

- [X] 5,000 Gallon (8' x 14') V050S1
- [] 6,000 Gallon (8' x 16') V060S1
- [] 8,000 Gallon (8' x 22') V080S1

All Sizes Are Approximate

SINGLE PRODUCT ASSEMBLY INCLUDES:

- 1 Assembly Listed Fire Resistant per NFPA 30A 2-4.5(a)
- 1 1/4" steel product tank per UL 142
- 1 3/16" steel secondary containment tank
- 1 Tank support and skid system
- 1 Bottom Load Fill System to conform to NFPA 30 2-3.4.1 (e) and 3-3.3 includes
 - 3" cam lock fill pipe with cap
 - 3" x 20 mesh removable fuel strainer
 - 3" gate valve
 - 3" ductile iron check valve
 - 20 gallon detachable spill container with drain and lockable cover
- 1 Non-electrical internal overfill shut-off valve to conform to NFPA 30 2-3.4.1(e)
- 1 Fireproof interstitial tank monitoring gauge to conform to UL1709
- 1 Stage I vapor recovery system with locking cover
- 1 Manway to product tank with 4" access coupling and plug
- 1 Product tank emergency vent to conform to NFPA 30 2-3.6.4
- 1 Interstitial emergency vent to conform to NFPA 30 2-3.4.1(h) and 2-3.6
- 1 Working vent port to conform to NFPA 30 2-3.5.2 and 2-3.5
- 1 Pressure/vacuum working vent to conform to NFPA 30 2-3.5.2 and 2-3.5.6
- 1 Working vent pipe to conform to NFPA 30 2-3.7.2
- 1 Interstitial access at top end of tank per Underwriters Laboratories
- 1 External product level gauge with dial read out for ground level readings per NFPA 30 2-3.4.1
- 1 Interstitial vacuum test port to conform to NFPA 30 2-8.3.1
- 1 Audible overfill alarm per NFPA 30A
- Impact resistance per NFPA 30 2-3.4.1(g)
- Bullet resistant per WI ILHR 10 (Optional)
- OSHA ladder rungs (Optional)
- Primed with high solids base coat
- Painted with a high quality weather resistant top coat
- Labeled as required
- Listed as Secondarily Contained Aboveground Tank
- Transferable Tank Title

U-FUEL, INC.**715-836-0905**

FIRE RESISTANT FUEL SYSTEM**SPECIFICATIONS****Bottom Load Standby****CAPACITY:**

[Y]	10,000 Gallon (9' x 21')	V100S2 10' x 17' I.T.
[]	12,000 Gallon (9' x 26')	V120S2
[]	15,000 Gallon (9' x 32')	V150S2

*All Sizes Are Approximate***TWO PRODUCT ASSEMBLY INCLUDES:**

- 1 Assembly Listed Fire Resistant per NFPA 30A 2-4.5(a)
- 1 1/4" steel product tank per UL 142
- 1 3/16" steel secondary containment tank
- 1 Tank support and skid system
- 2 Bottom Load Fill Systems to conform to NFPA 30 2-3.4.1 (e) and 3-3.3 includes
 - 3" cam lock fill pipe with cap
 - 3" x 20 mesh removable fuel strainer
 - 3" gate valve
 - 3" ductile iron check valve
 - 20 gallon detachable spill container with drain and lockable cover
- 1 Double bulkhead between compartments per UL 142
- 1 Double bulkhead access port for UL 142
- 2 Non-electrical internal overfill shut-off valves to conform to NFPA 30 2-3.4.1(e)
- 1 Fireproof interstitial tank monitoring gauge to conform to UL1709
- 2 Stage I vapor recovery systems with locking cover
- 2 Manways to product tanks with 4" access couplings and plugs
- 2 Product tank emergency vents to conform to NFPA 30 2-3.6.4
- 1 Interstitial emergency vent to conform to NFPA 30 2-3.4.1(h) and 2-3.6
- 2 Working vent ports to conform to NFPA 30 2-3.5.2 and 2-3.5
- 2 Pressure/vacuum working vents to conform to NFPA 30 2-3.5.2 and 2-3.5.6
- 2 Working vent pipes to conform to NFPA 30 2-3.7.2
- 1 Interstitial access at top end of tank per Underwriters Laboratories
- 2 External product level gauges with dial read out for ground level readings per NFPA 30 2-3.4.1
- 1 Interstitial vacuum test port to conform to NFPA 30 2-8.3.1
- 2 Audible overfill alarms per NFPA 30A
 - Impact resistance per NFPA 30 2-3.4.1(g) (Optional)
 - Bullet resistant per WI ILHR 10 (Optional)
 - Lifting lugs as required
 - OSHA ladder rungs
 - Primed with high solids base coat
 - Painted with a high quality weather resistant top coat
 - Labeled as required
 - Listed as Secondly Contained Aboveground Tank
 - Transferable Tank Title

U-FUEL, INC.**715-836-0905**

FIRE RESISTANT FUEL SYSTEM**SPECIFICATIONS****Bottom Load Standby****CAPACITY:**

- [X] 20,000 Gallon (10' x 34') V200S2
- [] 25,000 Gallon (10' x 43') V250S2
- [] 30,000 Gallon (10' x 52') V300S2

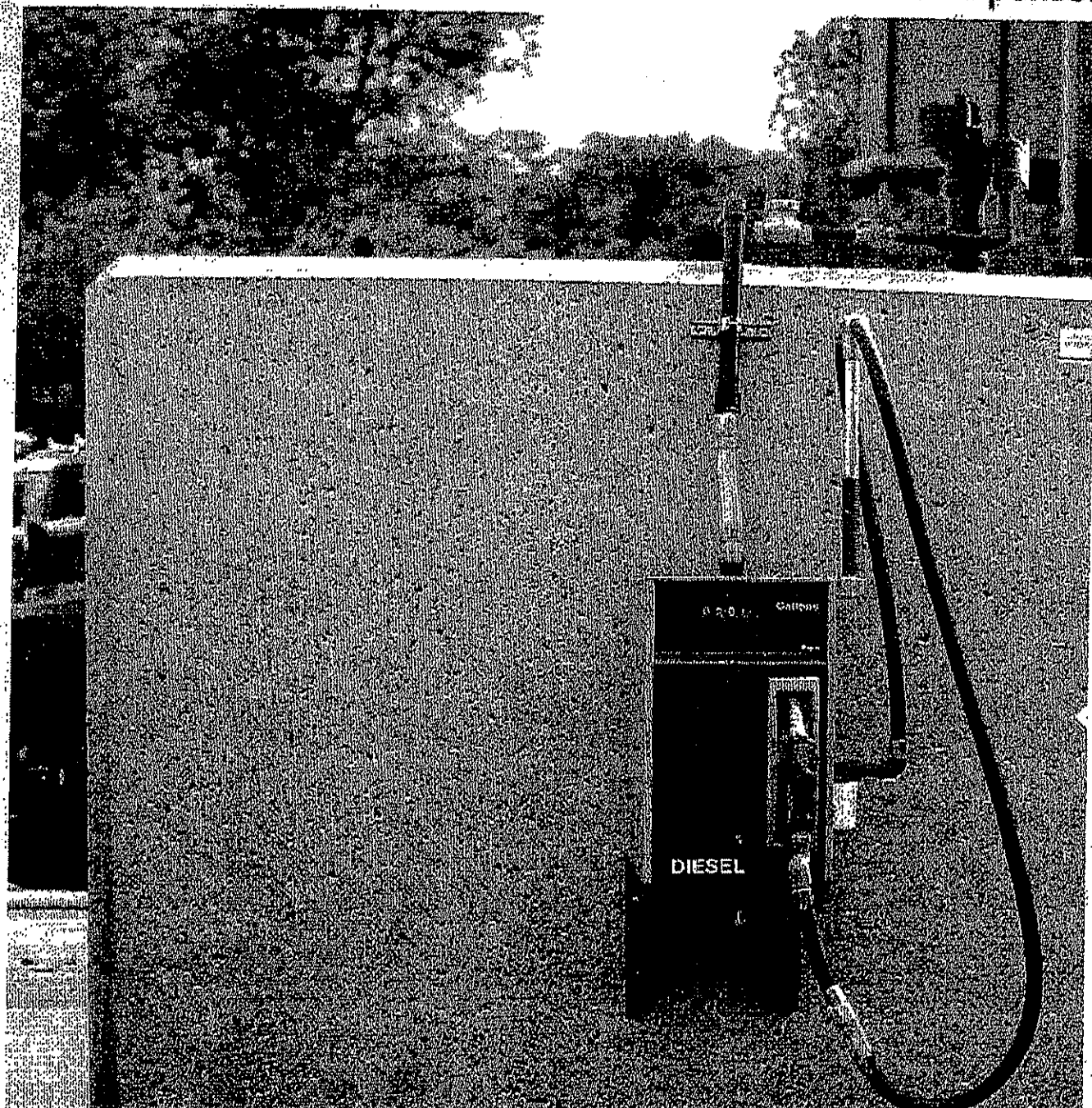
All Sizes Are Approximate

TWO PRODUCT ASSEMBLY INCLUDES:

- 1 Assembly Listed Fire Resistant per NFPA 30A 2-4.5(a)
- 1 1/4" steel product tank per UL 142
- 1 3/16" steel secondary containment tank
- 1 Tank support and skid system
- 2 Bottom Load Fill Systems to conform to NFPA 30 2-3.4.1 (e) and 3-3.3 includes
 - 3" cam lock fill pipe with cap
 - 3" x 20 mesh removable fuel strainer
 - 3" gate valve
 - 3" ductile iron check valve
 - 20 gallon detachable spill container with drain and lockable cover
- 1 Double bulkhead between compartments per UL 142
- 1 Double bulkhead access port for UL 142
- 2 Non-electrical internal overfill shut-off valves to conform to NFPA 30 2-3.4.1(e)
- 1 Fireproof interstitial tank monitoring gauge to conform to UL1709
- 2 Stage I vapor recovery systems with locking cover
- 2 Manways to product tanks with 4" access couplings and plugs
- 2 Product tank emergency vents to conform to NFPA 30 2-3.6.4
- 1 Interstitial emergency vent to conform to NFPA 30 2-3.4.1(h) and 2-3.6
- 2 Working vent ports to conform to NFPA 30 2-3.5.2 and 2-3.5
- 2 Pressure/vacuum working vents to conform to NFPA 30 2-3.5.2 and 2-3.5.6
- 2 Working vent pipes to conform to NFPA 30 2-3.7.2
- 1 Interstitial access at top end of tank per Underwriters Laboratories
- 2 External product level gauges with dial read out for ground level readings per NFPA 30 2-3.4.1
- 1 Interstitial vacuum test port to conform to NFPA 30 2-8.3.1
- 2 Audible overfill alarms per NFPA 30A
- Impact resistance per NFPA 30 2-3.4.1(g) (Optional)
- Bullet resistant per WI ILHR 10 (Optional)
- Lifting lugs as required
- OSHA ladder rungs
- Primed with high solids base coat
- Painted with a high quality weather resistant top coat
- Labeled as required
- Listed as Secondary Contained Aboveground Tank
- Transferable Tank Title

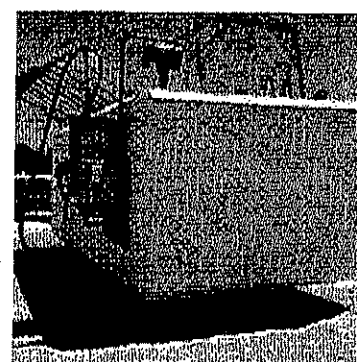
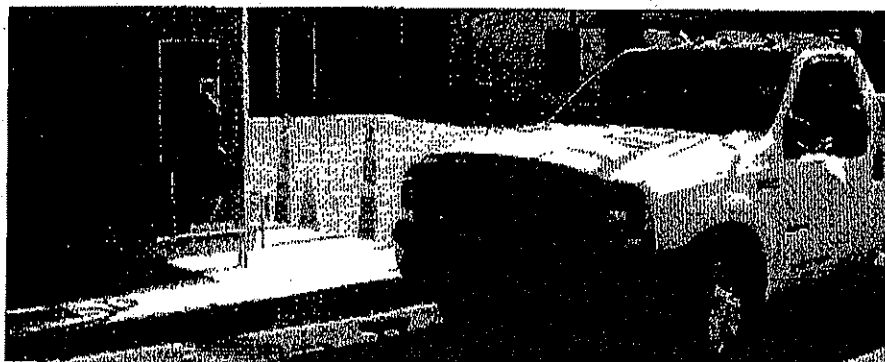
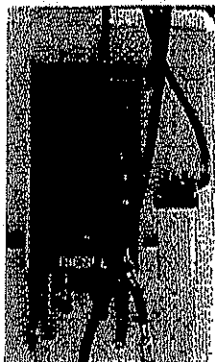
U-FUEL, INC.
715-836-0905

Dresser Wayne Reliance® S1 Shelf-Mount Fleet Fuel Dispenser

**DRESSER.**

Wayne

Dresser Wayne Reliance S1 Shelf-Mount Fleet Fuel Dispenser



Capturing the best of large fleet dispenser performance in a compact design, the Reliance® S1 fuel dispenser is ideal for Aboveground Storage Tank (AST) applications. Its small cabinet attaches easily to an AST shelf, yet it features the same capabilities as standard full-length cabinet fleet dispensers.

In combination with a submersible pump or tank-mounted suction pump (transfer pump), the Reliance S1 remote dispenser creates an efficient, space-saving AST fueling system, and its compact size and low nozzle position make it a great choice for other special applications such as marinas. The Reliance S1 AST's durable construction and reliable, time-proven components deliver years of dependable fleet fueling functionality.

Big performance in a small package

With all of the heavy-duty features and components found in a full-length Reliance remote dispenser, the Reliance S1 AST enables fast fleet fueling with flow rates up to 22 GPM*. Micro-accurate two piston displacement meters accurately track fuel flow and are weights and measures sealable. Additionally, the power reset function with interlock automatically resets the register when the dispenser is turned on, and the mechanical register provides simple, reliable functionality. The Reliance S1 AST also includes a solenoid valve for positive fuel control. Large inlet/outlet castings, one-inch internal piping and discharge connections further enhance flow performance.

Configurable to a wide range of requirements

The Reliance S1 AST has many options available so you can select the dispenser that meets your exact needs. Pulsers enable connection to popular fuel control systems and easily accessible external filters can help ensure fuel purity while simplifying maintenance. Select the hose mast option to ease hose handling and to keep hoses out of the fueling lane, or choose stainless steel panels for increased protection against the harsh elements.

E85 option for tomorrow's fueling today

The Reliance S1 E85 option** (E/model prefix) features ethanol-compatible construction and materials that also work well with standard petroleum products like gasoline or diesel. It allows you to deliver traditional fuels now with the flexibility to easily add alternative products to your offerings at any time. Incorporating special elastomers, electroless nickel-plating, hard anodizing and stainless steel, the Reliance S1 E85 model is equipped to handle the growing use of alternative fuels.

Exceptional durability

Engineered with field-proven components, the Reliance S1 AST withstands rough use and exposure to the elements. Its attractive powder-coated finish lasts for years in tough settings, and the cabinet panels are made from galvanized steel for corrosion resistance. Plus, the stainless steel option is available for extremely corrosive situations. Sturdy mechanical registers are reliable and require minimal maintenance, and the dispenser does not rely on gaskets that can deteriorate for weather-sealing.

The Reliance S1 AST combines space-saving design with full-featured performance

- Compact size is ideal for AST shelf-mounted applications and other special situations like marinas
- Accurately records fuel usage with a weights and measures scalable meter
- Available in an E85 compatible model for an easy transition to alternative fueling



Specifications

Model Number: Prefix / G6101D / Suffix 1 Options / Suffix 2 Options
(e.g. / G6101D / 2JK / W1)

Standard model includes the following options as standard: 1" piping [2], J-box [J], hose hanger [K], solenoid valve [/W1]. Option prefix or suffixes are noted in the options below in []. A "/" (e.g. [/W1]) indicates a suffix 2 option.

Performance: Up to 22 GPM (83 lpm)*.

Compatibility: For dispensing low viscosity petroleum fuels - diesel; biodiesel blends up to 20%; gasoline, including oxygenated blends; kerosene; AvGas[®], and jet fuel[®]. See E85 option. Fuel must meet the applicable ASTM standard.

[^]Note: Confirm with fuel supplier on any fluid path metal restrictions before use. If aluminum, zinc, or red metals are not desired, the E85 option may be utilized.

Register: Non-computer mechanical register with power reset with interlock. Up to 999.9 gallons per delivery. Non-resettable accumulative totalizer up to 9999999.9. Optional liters measure.

Meter: Reliable micro-accurate 2-piston positive displacement design. Weights & Measures sealable.

Solenoid Valve [/W1]: 1" (2.5 cm) two-stage valve. Single stage valve with E85 option.

Electrical: 115VAC, 60 Hz. Optional 230VAC 50/60 Hz operation [Z].

Inlet Connection: 1½" (3.8 cm) NPT. Bottom access hole sized for 1½" emergency valve installation.

Discharge: 1" (2.5 cm) with ¾" reducing bushing.

Mounting: Four 7/16" (1.1 cm) mounting holes in bottom. Optional shelf-mount kit.

Cabinet Construction: All panels are fabricated from galvanized steel for corrosion resistance. Front door includes lock and is removable for service. Outer sides, back, and top are removable for additional service access if required.

Cabinet Finish: Extremely durable powder-coated finish gives outstanding appearance and toughness. Metallic silver sides, top, and back. Blue door with black register decal. Optional black, brown, green, red, silver, yellow, or white doors.

Nozzle Boot and Hook: Fits standard UL interchangeable nozzles. Also fits Emco Wheaton 4015 and Husky V short spout balance vapor recovery nozzles. Hook extension kits for OPW 11VF (p/n 892081-001) and Healy 400 (p/n 892080-001) long spout vapor recovery nozzles. Lift-to-start nozzle hook.

Hose Hanger [K]: Keeps hose off ground when not in use.

Actual Dimensions: 30.25" H x 16.75" W x 14" D
(76.8cm H x 42.5cm W x 35.6cm D)

Pressure: Working pressure up to 50 psi.

Approvals: C-UL-US Listed. Scalable by U.S. Weights & Measures.

Options

Shelf-Mount Kit: Carbon steel shelf brackets for mounting dispenser to tank. Black powder coat finish. P/n 891839-001.

Pulsers: 10:1 [7A] and 100:1 [7B] ratio options.

E85[®] [E/ prefix]: Utilizes nickel-plating, hard anodizing, stainless steel, and special elastomers, which have been used successfully for E85 compatibility.

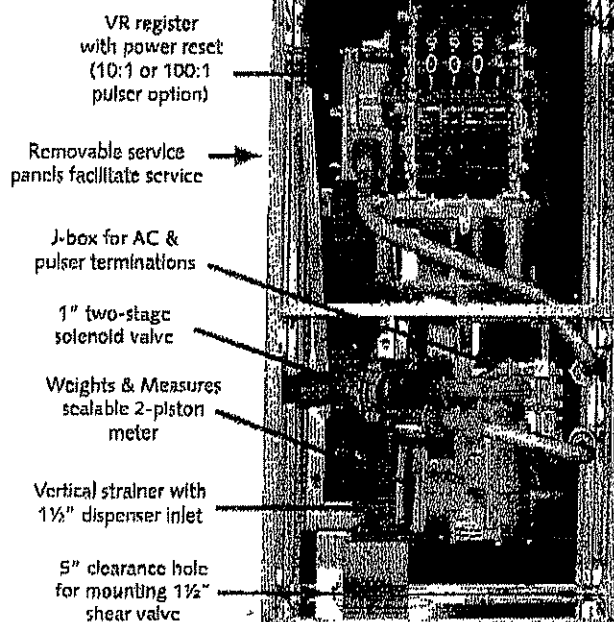
Hose Mast [/H]: Raises hose to ease hose handling. Optional hose clamp kit+ (p/n 890898-001) for Goodyear[®] vapor recovery hose.

External Filter Kit: Installs on discharge. P/n 889921-002.

Stainless Steel: All exterior panels [/S], all panels except painted galvanized steel doors [/S1], or stainless steel doors only [/S2].

Other Options: Liter measure [B] and 230VAC 50/60 Hz operation [Z].

Rear View Shown



[^]Note: Kits require field installation.

*Flow rates are maximum test rates at discharge. Actual rates will depend upon installation conditions, dispenser accessories and the size of the submersible or suction pump.

**E-models are UL Listed for Class I liquids such as gasoline and diesel. UL does not have a test standard for ethanol fuel at this time. Select only hose and nozzle accessories that are expressly compatible with the fuel type being dispensed.

700 Series Small Fleet Pumps & Meters

High performance in a compact design



Rugged but compact, Dresser Wayne's Small Fleet Pump is the ideal direct-drive transfer pump for aboveground storage tank applications involving small fleet, construction, agricultural or recreational fueling operations. Heavy-duty components and large unrestricted flow paths provide fast flow rates to quickly fuel vehicles and equipment.

Reliable, high performance

A powerful 1/3 HP motor drives a large diameter pump rotor with 8 low-friction carbon graphite pump vanes, providing smooth, quiet performance. The 1" pump and meter discharges maximize throughput, while a spring-loaded check valve at the strainer ensures immediate dispensing. And a brass guide sleeve on the bypass assembly prevents the bypass "hang-ups" common in other designs and keeps the pump running — and fuel flowing.

The innovative design features an integral vacuum breaker at the meter discharge to prevent siphoning. The drops of fuel that normally accumulate at the vacuum breaker are routed back to the tank through a fitting in the strainer base, preventing leakage and the staining of the tank surface.

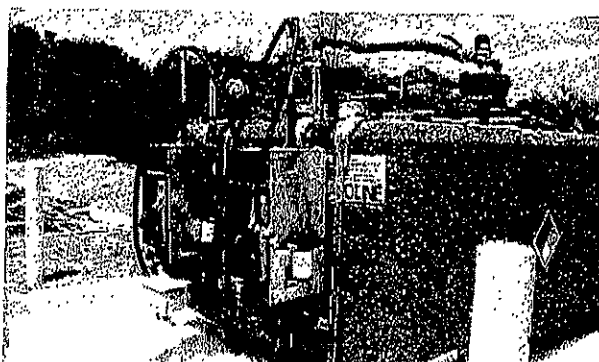
Easy to install and maintain

The 700 Series pump's design makes it as easy to install and service as it is to operate. A spacious junction box simplifies field wiring terminations, while an auxiliary switched AC lead facilitates control of a solenoid valve in remote mount installations. And standard automatic nozzles can be stored easily in the nozzle boot and hook — no need for special nozzle models with spout hooks.

The junction box is designed with a separate compartment to house an external motor switch, allowing switches to be easily replaced without any motor teardown. The combination strainer/check valve assembly can also be easily removed for cleaning.

Accurate recording

The high volume rotating disc meter has an accuracy of $\pm 0.5\%$ at full flow and can be easily calibrated for either gasoline or diesel fuel. And the 4-wheel, easy-to-read register features a large reset knob for quick resets. For applications requiring higher accuracy, the 730S pump can be combined with the Dresser Wayne Reliance® S1 dispenser with its weights and measures accurate meter.



Specifications

Models: 720: Pump & meter/register combination with integral vacuum breaker and vapor return tubing

730: Pump only with discharge elbow, pipe nipple, external vacuum breaker, and vapor return tubing

730A: Pump only with vapor return tubing; less discharge elbow, pipe nipple, and vacuum breaker

730S: Pump only with discharge elbow, pipe nipple, external vacuum breaker, and vapor return tubing; less nozzle boot and on/off lever (for use with Reliance S1 dispenser)

700R: Meter/register only with integral vacuum breaker and pipe nipple

Performance: Up to 20 GPM*. Minimum dry vacuum - 15" of mercury.

**Actual flow rates received will depend upon the installation conditions and the pump accessories such as the meter, hose size and length, nozzle type, etc.*

Compatibility: For dispensing low viscosity petroleum fuels - diesel, including biodiesel blends up to 20%; kerosene; and gasoline, including standard oxygenated blends. Fuel must meet the applicable ASTM standard. Not for refueling aircraft.

Meter/Register: 4-wheel register (up to 999.9 gallons). Knob reset. 7-digit (with tenths) non-resettable accumulative totalizer. Phenolic resin rotating disc metering chamber. Accuracy $\pm 0.5\%$ at full flow. Adjustable calibration range for different fuel types. Die-cast aluminum housing.

Pump Assembly: Self-priming, rotary vane pump. Cast iron construction for long life. Sintered iron rotor with 8 carbon graphite vanes. Fiber key connection to motor shaft. Key breaks in the event an obstruction impedes the turning of the motor shaft.

Motor & Electrical: 1/3 HP intermittent duty with thermal overload protection. Direct-drive. Explosion-proof. 115VAC 60Hz.

Junction Box: Weatherproof o-ring seal. AC auxiliary line for remote solenoid valve control. External motor switch in separate internal compartment. Die-cast aluminum construction.

Strainer Assembly: Combination strainer and spring-loaded check valve with pressure relief assembly. Cast iron housing.

Anti-Siphon Valve: Integral vacuum breaker in meter discharge. Duckbill design. Copper tubing returns any drips back to tank through fitting in strainer base.

Nozzle Boot: Zinc-plated steel. Protects nozzle from rain and dirt. Accommodates standard automatic and manual nozzles without the need for spout hooks. Easy on/off lever prevents nozzle storage in on position. Nozzle can be padlocked to prevent unauthorized use.

Mounting/Inlet: 2" NPT male at base of strainer assembly for tank mounting. 1" NPT female suction tube inlet.

Discharge: 1" NPT female at pump. With meter/register assembly, choice of (2) 1" NPT female outlets - top or back. Plug included for unused position.

Finish: Pump and meter painted with blue polyurethane enamel. Meter/register has a black UV-resistant lexan dial face graphic.

Hose, Nozzle, Suction Tube: Not included.

Pressure: Working pressure up to 50 psi.

Options: Discharge Elbow & Vacuum Breaker Kit (p/n 892507-001 - must add to model 730A to create a complete model 730); Short Spout Vapor Recovery Nozzle Boot Kit (p/n 889731-002).

Approvals: 730 Pump: ETL & c-ETL Listed (conforms to UL 79, 674, and 1203 and certified to CSA Standard C22.2 No's. 145-M1986, 30-M1986, and 22-M1986). 700R Register: UL Listed

Audible Alarm Controls

LC 1000

The LC 1000 series alarm consoles are designed for use with any tank mounted sensing device that transmits an alarm condition by opening or closing switch contacts. While the controls are usable with a variety of field sensors, the LC's are optimized for level control. They assure complete safety and minimum installation cost by requiring only low current, intrinsically safe wiring between console and tank switch.

Housed in a water tight enclosure, the solid state circuitry provides from one (1) to four (4) alarm channels for monitoring up to four independent sensing points. Bright incandescent alarm lights and a loud sounding horn warn of alarm conditions. Dry contacts are provided for controlling your external devices such as pumps, valves, or remote alarm stations.

Features

- Consoles can monitor multiple tanks
- High and low level warning lights
- Audible alarm with reset button
- Multiple switches
- Push button test
- Intrinsically safe operation of tank mounted sensors

Operation

Each alarm channel transmits a 12 VDC signal to a tank mounted level switch. When the switch senses a level alarm condition, the switch transfers and the LC 1000 circuit energizes the audible horn and indicator light. The light will remain on after silencing the horn by pressing the reset button. At any time, an operator may test the alarm circuit by pressing the test button.

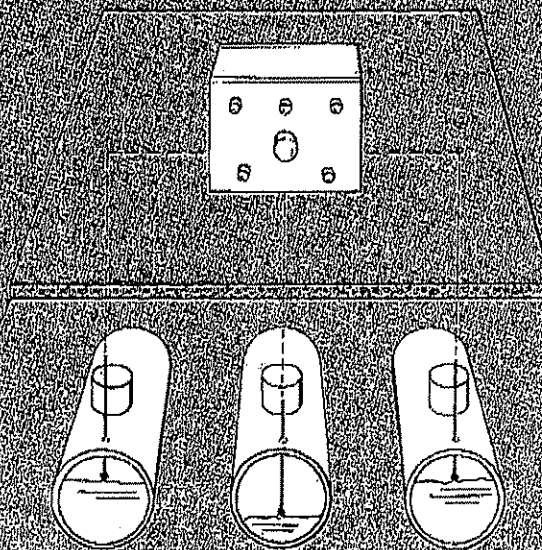


File No. 1Q3A4.AX

PNEUMERCATOR
Liquid Level Control Systems



Meets Overfill Alarm Requirements



Typical Application

Audible Alarm Controls

LC 1000

Specifications

Power Input

120 VAC \pm 10%, 60 Hz
Fuse—.10 AMP, AG-SLO BLO

Power to Field Sensor

Low electrical energy; 12 VDC at 15mA provided by control unit to each sensor switch. Safe for Class I, Division I, Groups A, B, C, D; Class II Division I, Groups E, G.

Control Relay Output

Dry switch contact—SPDT per point, rated 3 AMPS at 120 VAC; selectable either normally open or normally closed.

Response Time

Typically 1/2 second. Automatic horn silence option, adjustable 30 seconds to 3 minutes.

Indicators/Controls

Red light indicates alarm condition
Horn signals audible alarm—85dB min.
Reset button silences alarm
Test button tests alarm circuits

Temperature

-40°F to +160°F (-40°C to +71°C)

Enclosure

NEMA 4-weatherproof standard

Installation

Wall mount standard

Weight

6 lbs. (2.7 kg.) approx.—small case
11 lbs. (5 kg.) approx.—large case

Sensor Cable

Standard 2 conductor #18AWG
Up to 5000 feet (by customer)

Model	Description	Old Part Number
LC1001	Single Point	LC1SA
LC1002	Two Points	LC2SA
LC1003	Three Points	LC3SA
LC1004	Four Points	LC4SA

Specifications subject to change without notice.



File No. 1Q3A4.AX

PNEUMERCATOR
Liquid Level Control Systems

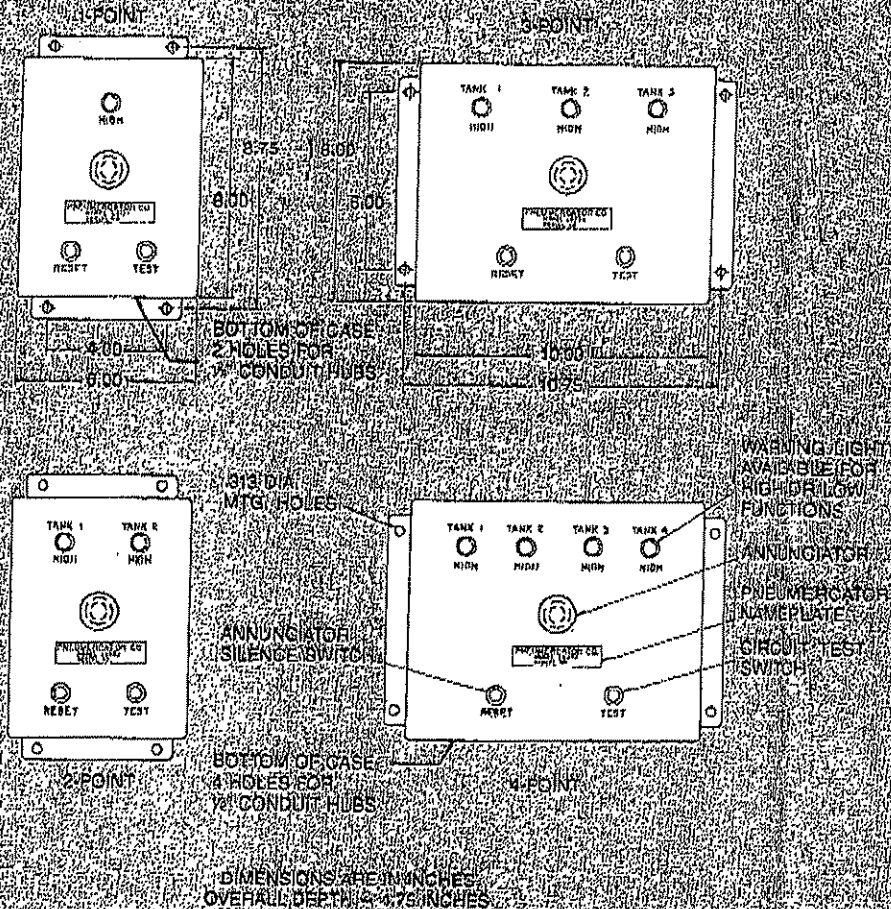
PNEUMERCATOR COMPANY, INC.

120 Finn Court, Farmingdale, NY 11735

(631)293-8450 FAX (631)293-8533

http://www.pneumercator.com

Dimensions

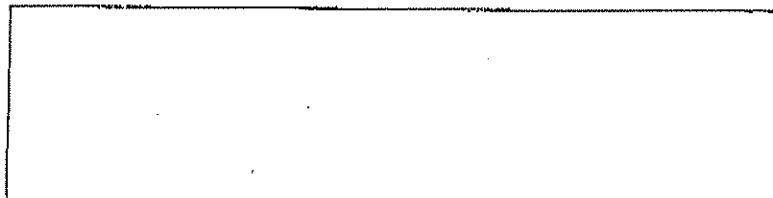


Sample Specifications

Provide and install for each tank A _____ (high/low) level/overflow prevention alarm / control console. Console should display a visual indication of alarm condition and include an audible alarm horn with reset button. Visual indication should remain on until alarm condition is corrected. A test button on the alarm console should be provided to function test audible and visual alarm circuits. The console should provide a SPDT switch output, rated 3 AMPS at 120 VAC for controlling external devices. Electrical circuitry to tank mounted process sensors should be listed intrinsically safe for hazardous areas. The sensor wiring must be run in separate conduit containing no line voltage.

Alarm console should consist of solid state electronic circuitry operated from 120 VAC power, housed in a weatherproof enclosure, model _____ (see model number table) manufactured by the Pneumercator Co., Farmingdale, NY 11735.

Distributed by:



Level Switches

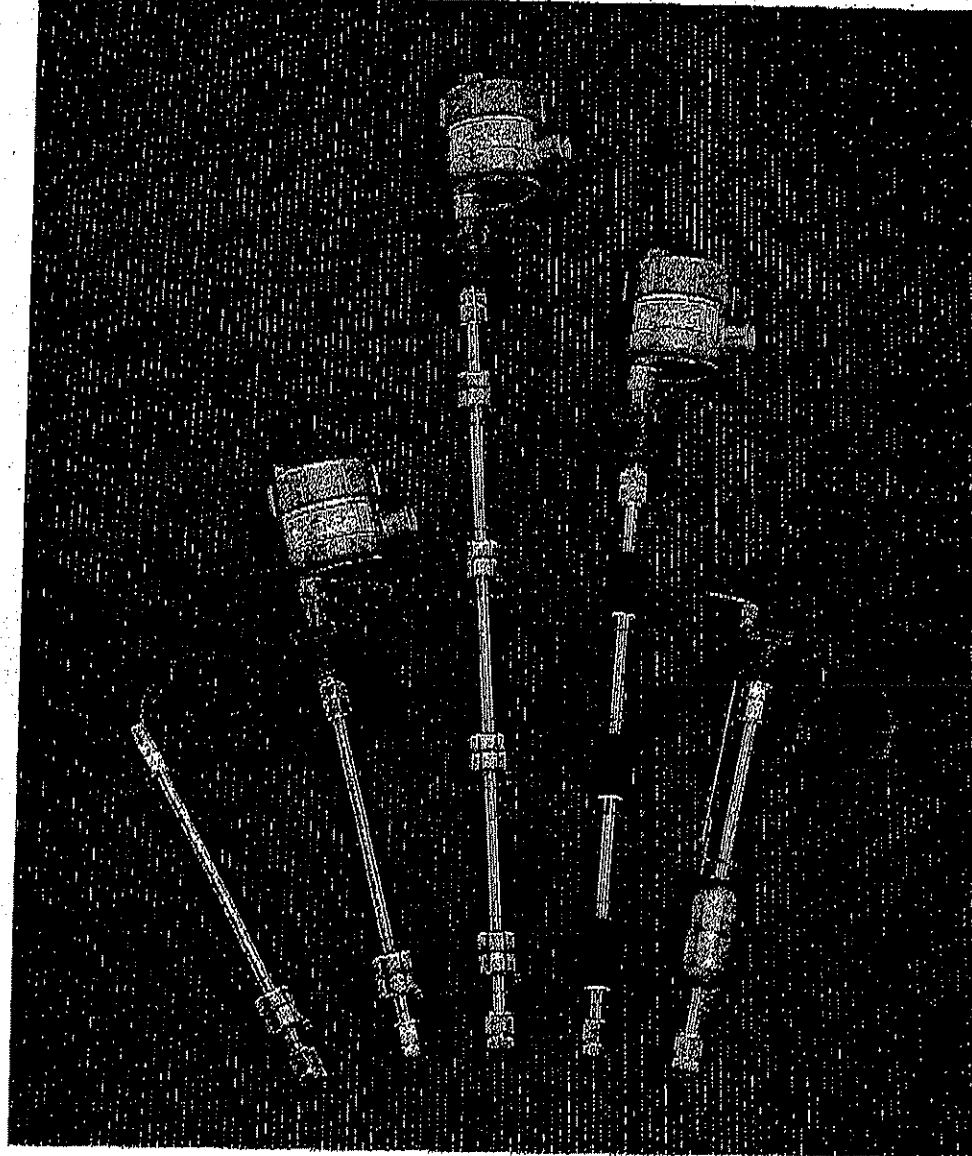
LS 600

The LS 600 series liquid level float switches provide the highest degree of dependable accuracy for sensing and controlling liquid levels. They may be used with audible alarm consoles such as the Pneumercator LC 1000 or customers' own to actuate high and/or low level warning devices. The LS 600 is available with intermediate switches for control of pumps to maintain liquid levels within a predetermined range.

The LS 600 series is simple in design and operation. A magnet within each float actuates a hermetically sealed dry-reed switch. The encapsulated switches are sealed inside the sensing probe and completely protected from exposure to liquid or vapor. Float travel is restricted via the use of stops placed immediately above and below the customer specified switch operating points.

FEATURES

- One to four magnetic switch floats.
- Available in brass or stainless steel configuration.
- Each switch may be operated in either normally open (NO) or normally closed (NC) contact states.
- FM and UL approved intrinsically safe. UL approved general purpose.
- Easy installation.
- Virtually maintenance free.
- Repeatability of 1/8-inch.



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PNEUMERCATOR
Liquid Level Control Systems

