

Ord.

2011-0121

**INTRODUCED BY: V.J. ST. PIERRE, JR., PARISH PRESIDENT
(GENERAL GOVERNMENT BUILDINGS)**

ORDINANCE NO. 11-4-24

An ordinance to approve and authorize the execution of Change Order No. 1 and Final for the DMV Building at 15012 B River Road in Hahnville.

WHEREAS, the St. Charles Parish Council adopted Ordinance No. 10-10-6 on October 18, 2010 approving and authorizing the execution of a contract with F. J. Arcement Construction, Inc. for the construction of the DMV Building at 15012 B River Road in Hahnville; and,

WHEREAS, it is necessary to adjust the original contract to reflect those items more fully described in Change Order No. 1, said adjustment as recommended by Campo Designs Architects, Inc. in the amount of a \$4,288.00 increase and to decrease the Contract Time by 23 days; and,

WHEREAS, it is the desire of the Parish Council to approve said Change Order No. 1.
THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS:

SECTION I. That Change Order No. 1 and Final for the DMV Building in the amount of a \$4,288.00 increase and a decrease in Contract Time of twenty – three (23) days is hereby approved.

SECTION II. That the Parish President is hereby authorized to execute said Change Order No. 1 and Final on behalf of St. Charles Parish.

The foregoing ordinance having been submitted to a vote, the vote thereon was as follows:

YEAS: SCHEXNAYDRE, AUTHEMENT, RAYMOND, TASTET, BENEDETTO, HOGAN, COCHRAN, LAMBERT, NUSS
NAYS: NONE
ABSENT: NONE

And the ordinance was declared adopted this 4th day of April, 2011, to become effective five (5) days after publication in the Official Journal.

CHAIRMAN: [Signature]
SECRETARY: [Signature]
DLVD/PARISH PRESIDENT: April 5, 2011
APPROVED: DISAPPROVED:
PARISH PRESIDENT: [Signature]
RETD/SECRETARY: April 6, 2011
AT: 4:00 pm RECD BY: [Signature]

RECORDED IN THE ST. CHARLES PARISH
CLERK OF COURT OFFICE
ON April 7, 2011
AS ENTRY NO. 369104
IN MORTGAGE/CONVEYANCE BOOK
NO. 1421 FOLIO 640

REFERENCE
Ord. 10-10-6

CHANGE ORDER

No. ONE (1)

DATE OF ISSUANCE March 21, 2011

EFFECTIVE DATE APRIL 4, 2011

OWNER: St. Charles Parish

CONTRACTOR: Fred J. Arcement Construction, Inc.

Contract: Construction

Project: St. Charles Parish New DMV Building

OWNER's Contract No. SCP Project No. _____

Architect's Contract No. CD 1711

Architect: Campo Designs - Architects

You are directed to make the following changes in the Contract Documents:

Description: See attached example on how to fill in this information

1. Delete the Following Work Items:

- a. Second drinking fountain (dual height), keep as single unit.
Delete item in its entirety. (-\$ 500.00)
- b. Removal of existing tree stump.
Delete item in its entirety. (-\$ 50.00)
- c. Credit contract for balance of hardware allowance.
Delete item in its entirety. (\$2,840.00)
- d. Delete three parking spaces (to avoid damage to oak tree).
Delete item in its entirety. (\$2,205.00)
- e. Delete one (1) electrical breaker panel.
Delete item in its entirety. (\$2,000.00)
- f. Delete three dedicated circuits (for undercounter HWH).
Delete item in its entirety. (\$2,000.00)
- g. Credit contract for lowering "wing walls", delete upper cabinets.
Delete item in its entirety. (\$ 247.00)

Total of Deducted Items = (-\$9,842.00)

2. Add the Following Work Items:

- a. Add Cat 5 wiring and dedicated circuit at "Photo Area".
Addition of \$ 520.00.
- b. Add additional circuits, switches and outlets at the request of DMV.
Addition of \$ 3,180.00
- c. Add additional Cat 5 wiring at work stations, circuit at phone board.
Addition of \$3,135.00
- d. Add sewer pump in lieu of gravity flow at request of WW Dept.
Addition of \$7,295.00

Total of Added Work Items = (+\$14,130.00)

3. Revise the Contract Time:

Reduce contract time by 23 days. New contract ending date will be March 11, 2011.

Total of Change in Work Items Quantity = (+\$4,288.00)

Reason for Change Order: List a reason for each Line Item listed above. See attached example on how to fill in this information

1. Deleted Work Items

- a. Owner/Tenant felt one drinking fountain served need.
- b. Owner chose to remove stump when landscaping area.
- c. Hardware allowance was not totally used. Credit issued for unused portion.
- d. Oak tree not shown on survey required deletion of 3 spaces to save.
- e. Second panel in project for spares only. Owner felt not needed for future needs.
- f. Owner chose elec. HWH (tank type) over under counter unit. Credit electrical.
- g. Tenant requested lower divider partitions for management purposes. Credit upper cabs.

2. Add Work Items

- a. Tenant IT techs requested additional computer cabling after project was underway.
- b. Tenant IT techs requested additional circuits, switches and outlets after bid.

- c. Tenent phone rep. requested additional circuits and computer jacks (multiple) at work stations.
- 3. Revise Work Item Quantities
 - a. Project was completed 23 days early.

Attachments: (List documents supporting change)

See attached backup information from contractor supporting each item above.

CHANGE IN CONTRACT PRICE:
Original Contract Price \$321,000.00
Net Increase (Decrease) from previous Change Orders No. ___ to ___: \$ _____
Contract Price prior to this Change Order: \$321,000.00
Net increase of this Change Order: \$4,288.00 _____
Contract Price with all approved Change Orders: \$325,288.

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: March 24, 2011 Ready for final payment: <u>45</u> (days)
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for final payment: _____ (days)
Contract Times prior to this Change Order: Substantial Completion: _____ Ready for final payment: _____ (days or dates)
Net decrease this Change Order: Substantial Completion: March 11, 2011 Ready for final payment: <u>-23 days</u> (days)
Contract Times with all approved Change Orders: Substantial Completion: March 11, 2011 Ready for final payment: <u>45 days</u> (days)

RECOMMENDED:

APPROVED:

ACCEPTED:

By: [Signature] AIA ARCHITECT (Authorized Signature)

By: [Signature] OWNER (Authorized Signature)

By: [Signature] CONTRACTOR (Authorized Signature)

Date: MARCH 21, 2011

Date: 4-6-11

Date: 3/22-11

EJCDC 1910-8-B (1996 Edition)

Prepared by the Engineers Joint Contract Documents Committee and endorsed by The Associated General Contractors of America and the Construction Specifications Institute.

John E. Campo

From: fjarceme@bellsouth.net
Sent: Thursday, February 10, 2011 3:04 PM
To: John E. Campo
Subject: DMV Water Fountain

John,

I spoke with Superior Plumbing. The credit on the water fountain is \$500. Once he looked up his paperwork and called the warehouse he was able to get the actual cost.

Please see attached spec on the water fountain.

If you have any questions, please call.

Thanks,

Mandy A. Briscoe
F. J. Arcement Construction, Inc.
857 Avenue C
Marrero, Louisiana 70072
Office 504-348-9801
Fax 504-348-3451
e-mail: fjarceme@bellsouth.net

3/21/2011

ELKAY. SPECIFICATIONS

Wall Mount Water Coolers Barrier-Free Access (Adult & Child) NSF/ANSI 61 Compliant Models EZ4, EZ8, EZS4, EZS8, EZSD and EZD

S.S. FINISH 300^{SS} GAAT FINISH 2468^{SS}

GENERAL

Self-contained, wall hung electric refrigerated water cooler. Chilling capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

Models **EZS4** and **EZS8** have self-closing Easy-Touch Controls on front and both right and left sides.

Models **EZ4** and **EZ8** each have self-closing Easy-Touch Controls on the front only.

Model **EZSD** is non-refrigerated. Same as **EZS8** without cooling system. (Requires outlet for power cord.)

All models have a hooded stream projector with Easy-Touch Controls that require less than 3 pounds of force to activate. Patented* valve with built-in flow regulator provide constant stream from 20 to 105 psi, water pressure. Bubbler orifice fully protected to meet all sanitary codes.

Non-pressurized stainless steel cooling tank is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when Easy-Touch Control is pressed.

ADA COMPLIANT

These Water Coolers comply with the requirements of A.D.A. (Americans with Disabilities Act) when properly installed. Also meets the guidelines for children's environments providing the floor to orifice height is 30" or less and proper clear floor space is provided for parallel approach. (Based on Architectural and Transportation Barriers Compliance Board final ruling.) Check Local and State Codes.

NO LEAD DESIGN

These Water Coolers are certified to be lead-free as defined by the Safe Drinking Water Act. Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free materials. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of waterborne particulate of 140 microns and larger prior to their entry into the water cooler.

CAPACITIES CHART

Model Number	Base Rate	*EPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass Filter Option	Disp. Wt. Lbs.
		Room Temperature °F						
		70°F	80°F	90°F				
EZS4	4.0	5.0	4.4	4.0	370	4.0	Yes	56
EZS8	8.0	9.7	8.8	8.0	370	4.0	Yes	58
EZ4	4.0	5.0	4.4	4.0	370	4.0	Yes	58
EZ8	8.0	9.7	8.8	8.0	370	4.0	Yes	56
EZSD	-	-	-	-	-	-	Yes	18
EZD	-	-	-	-	-	-	Yes	18

*Based on 80°F inlet water temperature. †Glass filter available at extra cost. Requires factory preparation to receive glass filter.

Rated watts shown are based on operational (run) time. In compliance with A.R.I. Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

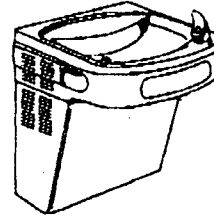
COOLING SYSTEM

Motor Compressor: Hermetically sealed, reciprocating type, 115V, 60 Hz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug (domestic models).

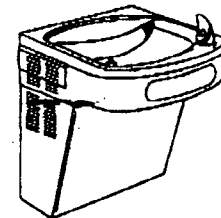
Condenser: Fan cooled, copper tube with aluminum fins. Fan motor is permanently lubricated.

* Patent #4,481,971

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.



Model EZ8



Model EZ

RATED FOR INDOOR APPLICATIONS ONLY

Cooling Unit: Combination tube-tank type. Self cleansing. Tube portion is continuous coil of copper tubing. Tank is stainless steel. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self-extinguishing material.

Refrigerant Control: Refrigerant HFC-134a is controlled by accurately calibrated capillary tube for positively trouble-free operation.

Temperature Control: Enclosed adjustable thermostat is factory pre-set. Requires no adjustment other than for altitude requirements. Easily accessible.

CONSTRUCTION

Frame: Galvanized structural steel chassis supports refrigeration system and fastens to wall. Provides increased structural integrity and rigidity to cooler.

Stainless Steel Basin: One piece polished to a uniform Elkay bright luster finish. Basin has integral drain grid, embossed bubbler pad. No exposed fasteners.

Exclusive Flexi-Guard® Safety Bubbler®: Innovative design utilizes an infused anti-microbial pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Keyed in location to prevent rotation.

Upper Shroud: Contoured shock-absorbing, provides additional protection against accidental injury. No exposed fasteners.

Lower Shroud: One piece easy to remove and replace. Allows access to internal components from three sides.

Cabinet: Cabinet design allows for flush to wall mounting. No recess space is required.

Color Selection: Unless otherwise specified cabinet is two-tone gray on upper shroud with textured gray lower shroud. Stainless Steel lower shroud available at extra cost.

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Pressure-Type Water Coolers are designed to operate on 20 psi to 105 psi supply line pressure. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this product to supply line pressures lower than 20 psi or higher than 105 psi is not covered by the warranty.

STANDARDS

Elkay Electric Air Cooled Water Coolers are listed by Underwriters Laboratories Inc. and comply with both Canadian and U.S. requirements.

These units comply with A.R.I. Standard 1010

This cooler is certified by WQA to lead-free compliance including NSF/ANSI 61-ANNEX G, AB 1953.

The specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

Elkay
elkayusa.com

2222 Camden Court
Oak Brook, IL 60523

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(Rev. 2/10) 12-23E

John E. Campo

From: fjarceme@bellsouth.net
Sent: Thursday, February 10, 2011 11:55 AM
To: John E. Campo
Subject: Credit of Tree Stump

John,

Terry asked us about a credit for removing a tree stump.

After speaking with Linda, she said that you stated all of the tree removal for the project would be performed by St Charles Parish. So Linda did not include any money in the project for tree removal or stump removal.

If a credit must be given, do you think \$50 would be reasonable.

Please advise.

Thanks,

Mandy A. Briscoe
F. J. Arcement Construction, Inc.
857 Avenue C
Marrero, Louisiana 70072
Office 504-348-9801
Fax 504-348-3451
e-mail: fjarceme@bellsouth.net

3/21/2011

LETTER OF TRANSMITTAL

F. J. ARCEMENT CONSTRUCTION, INC.

857 Avenue C
Marrero, Louisiana 70072

Phone: (504) 348-9801
Fax: (504) 348-3451
fjarceme@bellsouth.net

DATE:	20-Jan-11	JOB #
ATTN:	John Campo	
RE:	St. Charles DMV Bldg	
Hardware		

TO: John E. Campo, Architect
105 Ducayet Drive
Destrehan, Louisiana 70047

WE ARE SENDING YOU THE FOLLOWING:

QTY	DATE	DESCRIPTION
5		Pages recapping Hardware Cost to compare to Hardware Allowance
		Hardware Allowance \$5,000
		Actual Cost: 2,160
		Under Allowance: \$2,840

THESE ARE TRANSMITTED AS CHECKED BELOW:

- For Approval
- For Your use
- As Requested
- For Review or Comment

- Approved as Submitted
- Approved as Noted
- Returned for Corrections

For Bids Due: _____

Thanks,

Linda M. Mouchon

cc: _____

John E. Campo

From: fjarceme@bellsouth.net
Sent: Monday, November 29, 2010 1:51 PM
To: John E. Campo
Subject: DMV and File Storage

John,

I want to recap the changes that are to be made regarding the parking area on the DMV and the parking area for the File Storage.

DMV- removing 3 parking spaces due to tree location.

Original Price for paving \$ 28,850.00

Revised price \$ 26,645.00

Deduct of <\$ 2,205.00>

File Storage- add beams to paving

Original Price \$ 6,755.00

Revised Price \$10,755.00

Added cost of \$ 4,000.00

Total difference of + \$1795.00

Do you want this in the form of a change order?

Please advise

Thanks

Cathy

857 Avenue C
Marrero, Louisiana 70072
Office 504-348-9801
Fax 504-348-3451
e-mail: fjarceme@bellsouth.net

3/15/2011

CHANGE ORDER

No. 001

DATE OF ISSUANCE January 4, 2011

EFFECTIVE DATE _____

OWNER: St. Charles Parish

CONTRACTOR: FJ Arcement Construction, Inc.

Contract: Construction

Project: St. Charles Parish New DMV Building

OWNER's Contract No. SCP Project No.1711

Architect's Contract No.

Architect: Campo Designs - Architects

You are directed to make the following changes in the Contract Documents:

Description:

1. Add the Following Work Items:

Item # Fric. # ADDS

Install approximately 220' of 2" PVC conduit from File Storage Bldg. to DMV Bldg. for future fiber optic cable. \$ 1,600.00

Install additional CAT5 wiring and dedicated circuit for "Camera Area" \$ 520.00

Add 1-Fi type fixture
Add switch and wall mount light fixture at back door.
Add 3 vanity lights- one in each bathroom.
Add switch at back door fro exterior floodlights.
Add dedicatad circuit for water cooler.
Add 3 120 volt outlets for TV's up high in breakroom, waiting room and office.
Add 1 dedicated circuit for 120 volt tank type water heater.
Add 2 dedicated circuits in testing area. Plans call for 2 circuits- Total quantity of 4 were requested. \$ 3,180.00

Install CAT5 wiring in DMV Bldg per State of LA technician(Jason)
3- CAT5 cables at each of 4 work stations in center of area.
3- CAT5 cables at each of 2 jack stations in State Office.
2- CAT5 cables at each of 4 test stations.
2-CAT5 cables at each of 2 printer locations in test room at floor level.
¾ Inch conduit with (qty) 1- CAT5 cable next to copy machine outlet.
2-120 volt -20 amp dedicated circuits- wiring boxes, outlets, circuit breakers at each printer station on rear wall.
Add 1- dedicated circuit at phone board. This is in addition to the circuit already in place.
Includes 1 square pole from overhead to center of work stations as a chase for CAT5 wiring. Underground conduits are too small for the amount of CAT5 cables needed. \$ 3,135.00

TOTAL \$ 8,435.00

Total of Added Work Items = (+\$8,435.00)

2. Delete the Following Work Items:

Item #. Fric. #	CREDITS	
	Removing 3 parking spaces due to tree location.	-\$ 2,205.00
	Amperage reduction. Service to go from 300 amp to 200 amp. Reduction from 400 amp to 200 amp main disconnect switch. Fuses reduce to 200 amp. Feeder wiring reduced to 200 amp. Panel size reduction from 60 circuit double can to 42 circuit can. Panel interior rating reduced from 300 amp to 200 amp. 4 PVC conduit from DMV Bldg to telephone pole will be done at no extra charge. (this conduit to replace 2" conduit on original Drawing from telephone pole to DMV Bldg)	-\$ 2,000.00
	Deduct 3 deducted circuits for under sink water heater Combine exterior outlets with outlets in store room and waiting room.	<u>-\$ 2,000.00</u>
	TOTAL	-\$ 6,205.00

Total of Deducted Items = (-\$6,205.00)

Total of Change in Work Items Quantity = (\$ 2,230.00)

Reason for Change Order: List a reason for each Line Item listed above. *See attached example on how to fill in this information*

1. Add Work Items- See explanation above
2. Delete Work Items- See explanation above.

Attachments: (See attached supporting documents)

CHANGE IN CONTRACT PRICE:
Original Contract Price \$323,230.00
Net Increase (Decrease) from previous Change Orders No. ___ to ___: \$ 323,230.00
Contract Price prior to this Change Order: \$ 323,230.00
Net decrease of this Change Order: \$ <u>2,230.00</u>
Contract Price with all approved Change Orders: \$ 323,230.00

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: March 18 , 2011 Ready for final payment: 45 days (days or dates)
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: March 18, 2011 Ready for final payment: <u>N/A</u> (days)
Contract Times prior to this Change Order: Substantial Completion: <u>150 days</u> Ready for final payment: <u>March 18, 2011</u> (days or dates)
Net increase (decrease) this Change Order: Substantial Completion: 0 Ready for final payment: <u>March 18, 2011</u> (days)
Contract Times with all approved Change Orders: Substantial Completion: 150 days Ready for final payment: March 18, 2011 (days or dates)

RECOMMENDED:

APPROVED:

ACCEPTED:

John E. Campo

From: fjarceme@bellsouth.net
Sent: Wednesday, March 16, 2011 9:27 AM
To: John E. Campo
Subject: Credit on DMV

John,

Per our conversation yesterday, here are some of the credits for the DMV

File Cabinets <\$62.00>

Laminated Cabinets <\$185.00>

Please see attached explanation.

The credit is not as high due to adding locks to cabinets. Plans and specs do not call for locks on any of the cabinets.

Please call if you have any questions.

Mandy A. Briscoe
F. J. Arcement Construction, Inc.
857 Avenue C
Marrero, Louisiana 70072
Office 504-348-9801
Fax 504-348-3451
e-mail: fjarceme@bellsouth.net

3/16/2011



Commercial Laminated Products Inc.
2211 Engineers Road Suite "H"
Belle Chasse, LA 70073
Phone: (504) 398-0150 Fax: (504) 398-0904

Fax Transmittal

To: MANDY	From: LYLE
Fax #: () 348-3451	Date: 3.16.11
Re: DMV	Total Number of Pages*:

*** If you do not receive the full transmission, call us immediately at (504) 398-0150.**

Comments: MANDY, THIS IS A BREAKDOWN OF ITEMS THAT I HAD FURNISHED / INSTALLED VS. ITEMS TO BE DELETED FOR CREDIT

- SUPPLY ROOM DELETE (1) SHELVING UNIT \$ (375.00)
- WORK AREA DELETE (4) UPPER BOX UNITS \$ (275.00)
- SUPPLY ROOM FIX BROKEN SHELVING UNIT DAMAGED BY OTHER TRADE \$ 75.00 (BY AGREEMENT)
- WORK AREA TO SUPPLY (8) LOCKS AT BACK WALL CABINETS AND CASH DRAWERS \$ 240.00
- WATER HEATER CLOSET SHELVING WITH METAL BRACKET. \$ 225.00

CREDIT TO BE \$ 110.00

THANKYOU AGAIN Lyle S. Serie

Credit to St Charles < \$185.00

CHANGE ORDER

No. 002

DATE OF ISSUANCE February 4, 2011

EFFECTIVE DATE _____

OWNER: St. Charles Parish

CONTRACTOR: FJ Arcement Construction, Inc.

Contract: Construction

Project: St. Charles Parish New DMV Building

OWNER's Contract No. SCP Project No.1711

Architect's Contract No.

Architect: Campo Designs - Architects

You are directed to make the following changes in the Contract Documents:

Description:

I. Add the Following Work Items:

Item # Fric. # ADDS

Changes to Sewer Lines

DMV BUILDING

Gravity Flow Lines to Parish Lines

EXISTING ECONOMIC BUILDING

Rework lines to tie in to DMV for gravity flow to Parish Lines

FILES STORAGE BUILDING

Add a 2" line to tie to DMV with a 2448 Series Simplex Grinder Package with a Liberty Single Pump

Grinder Package w/
Liberty Pump

\$4,150.00

Rework existing building and add 2" line from File Storage to DMV Building

\$1,660.00

Delete Manhole

<\$ 600.00>

Electric

\$1,050.00

Sub Total

\$6,200.00

Bonds 2.3%

142.00

Sub Total

\$6,342.00

O/H & Profit 15%

953.00

TOTAL

\$ 7,295.00

Total of Added Work Items = (+\$7,295.00)

*** COBURN SUPPLY CO ***

*** QUOTATION ***

TO: SUPERIOR PLUMBING & HEATING
5232 SAVANNAH LANE
MARRERO, LA 70072

DATE: NO. 747534
TO DATE: 02/10/11
JOB: DMV ST.CHA

TERMS: 2% 10TH PROX NET 25TH
PREP. BY JOHN J ABADIE
PHONE# 504-348-2042

WE ARE PLEASED TO QUOTE YOU ON THE FOLLOWING MATERIAL

PAGE: 1

QUOTATION NO. 747534

Qty	Part Number	Description	Price	Extended
1	LIB2448LSG	2448LSG W/BSN, PUMP, GD RAIL, GRNDR PKG	3462.90	3462.90

3,462.90

QUOTATION TOTALS
(Plus applicable sales tax)

3462.90

TAX + MAT 376

Labor 376

4150

Includes Tank

2448-Series Specifications

Available with LSG or LSGX-Series Grinder Pumps

- 2 hp., 208-230V, 1 Phase, 60 Hz, 15 Amps, 3450 RPM
 - Discharge 1 1/4"
 - Cable length 25'
- (See LSG200 or LSGX-Series literature for complete pump specifications. 3-Phase available. Consult factory.)

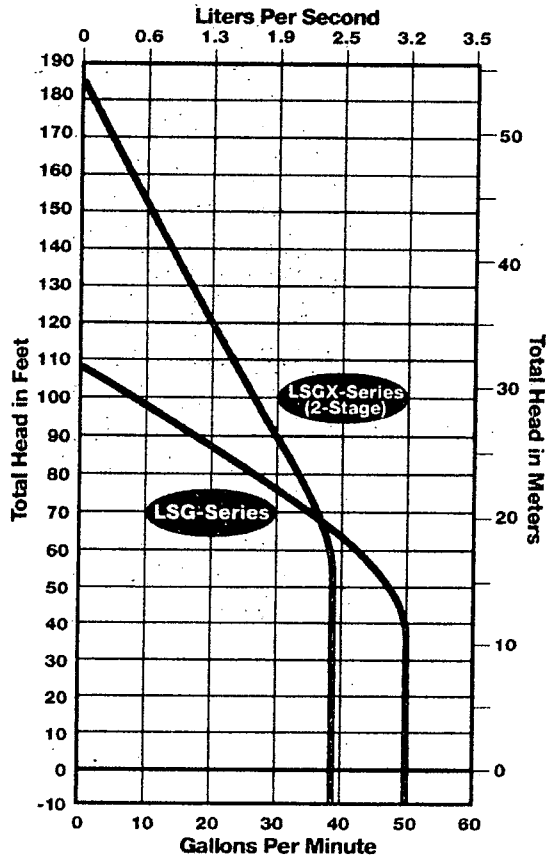
Models

LSG-Series	Wgt.	LSGX-Series (2-Stage)	Wgt.
2448LSG	220 lbs	2448LSGX	226 lbs

Alarm ALM-2W

- Indoor/Outdoor type 3R
- 115 volt
- Red beacon
- 82 db horn
- Test/Silence Switch

Performance Curves:



JB230 Junction Box

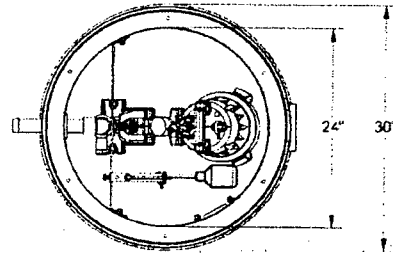
- NEMA 4X enclosure
- 20 amp, 6-20 R receptacle
- Terminal strip for use with alarm
- Liquid/Gas tight cable seal
- UL Listed

Customized Systems:

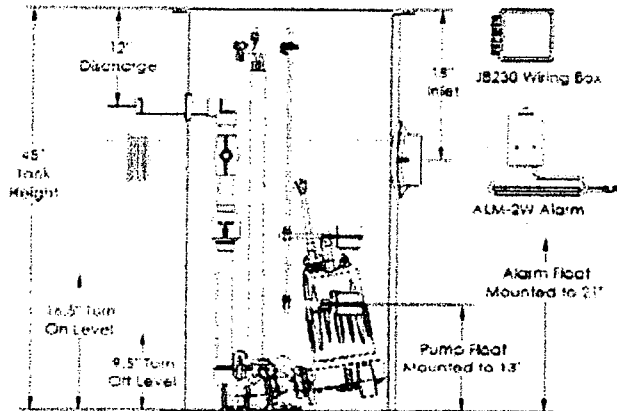
Liberty offers many options to the base 2448 package, as well as other engineered pump systems. Consult factory for information on customized systems.

Dimensional Data:

Top View



Side View



Galvanized guide rail standard. For stainless steel rail add "-S" to model number. Example: 2448LSG-S
For steel cover option, add "-SC" suffix to model number. Example: 2448LSG36-SC

Total Capacity: 94 Gallons
Capacity Per Pump Cycle: 13.5 Gallons

Specifications are subject to change without notice.



Liberty Pumps • 7000 Apple Tree Avenue • Bergen, New York 14416 • Phone 800-543-2550 Fax (585) 494-1839

www.libertypumps.com

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