



LEXINGTON

Lexington-Fayette Urban County Government

Lexington, Kentucky
Horse Capital of the World

Division of Central Purchasing

Date of Issue: January 25, 2018

INVITATION TO BID #6-2018 Rolling Overhead Doors for Town Branch WWTP Solids Processing Building

Bid Opening Date: February 8, 2018

Bid Opening Time: 2:00 PM

Address: 200 East Main Street, 3rd Floor, Room 338, Lexington, Kentucky 40507

Type of Bid: Firm Bid

Pre Bid Meeting: NA

Pre Bid Time:

Address:

Sealed bids will be received in the office of the Division of Central Purchasing, 200 East Main Street, Lexington, Kentucky, until **2:00 PM**, prevailing local time on **2/08/2018**. Bids must be received by the above-mentioned date and time. Mailed bids should be sent to:

**Division of Central Purchasing
200 East Main Street, Room 338
Lexington, KY 40507, (859) 258-3320**

The Lexington-Fayette Urban County Government assumes no responsibility for bids that are not addressed and delivered as indicated above. **Bids that are not delivered to the Division of Central Purchasing by the stated time and date will be rejected.** All bids must be signed and have the company name and address, bid invitation number, and the name of the bid on the outside of the envelope.

Bids are to include all shipping costs to the point of delivery located at: 301 Jimmie Campbell Drive, Lexington, Ky.

Bid Security and Performance Bond Required for all bids over \$50,000.

Check One:	Proposed Delivery:
<input type="checkbox"/> Bid Specifications Met <input type="checkbox"/> Exceptions to Bid Specifications. <i>Exceptions shall be itemized and attached to bid proposal submitted.</i>	<input type="checkbox"/> days after acceptance of bid.
Procurement Card Usage —The Lexington-Fayette Urban County Government may be using Procurement Cards to purchase goods and services and also to make payments. Will you accept Procurement Cards?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Submitted by: OverHead Door of Eastern Kentucky.
 Firm Name
389 Tollage Rd.
 Address
Pikeville, Ky. 41501
 City, State & Zip

Bid must be signed: Mike Fannin Manager
 (original signature) **Signature of Authorized Company Representative - Title**
Mike Fannin
 Representative's Name (Typed or printed)
606-874-4262 / 606-874-4265
 Area Code - Phone - Extension Fax #
mike@odeky.com
 E-Mail Address

The Affidavit in this bid must be completed before your firm can be considered for award of this contract.

AFFIDAVIT

Comes the Affiant, Mike Fannin, and after being first duly sworn under penalty of perjury as follows:

1. His/her name is Mike Fannin and he/she is the individual submitting the bid or is the authorized representative of Overhead Door of Eastern Kentucky the entity submitting the bid (hereinafter referred to as "Bidder")
2. Bidder will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the bid is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.
3. Bidder will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.
4. Bidder has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.
5. Bidder has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Bidder will not violate any provision of the campaign finance laws of the Commonwealth.
6. Bidder has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."
7. Bidder acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught. _____

STATE OF Kentucky

COUNTY OF Floyd

The foregoing instrument was subscribed, sworn to and acknowledged before me by MIKE Fannin on this the 6th day of February, 2018

My Commission expires: 10/19/2019

Mary Bush
NOTARY PUBLIC, STATE AT LARGE

Please refer to Section II. Bid Conditions, Item "U" prior to completing this form.

I. GREEN PROCUREMENT

A. ENERGY

The Lexington-Fayette Urban County Government is committed to protecting our environment and being fiscally responsible to our citizens.

The Lexington-Fayette Urban County Government mandates the use of Energy Star compliant products if they are available in the marketplace (go to www.Energystar.gov). If these products are available, but not submitted in your pricing, your bid will be rejected as non-compliant.

ENERGY STAR is a government program that offers businesses and consumers energy-efficient solutions, making it easy to save money while protecting the environment for future generations.

Key Benefits

These products use 25 to 50% less energy
Reduced energy costs without compromising quality or performance
Reduced air pollution because fewer fossil fuels are burned
Significant return on investment
Extended product life and decreased maintenance

B. GREEN SEAL CERTIFIED PRODUCTS

The Lexington-Fayette Urban County Government is also committed to using other environmentally friendly products that do not negatively impact our environment. Green Seal is a non-profit organization devoted to environmental standard setting, product certification, and public education.

Go to www.Greenseal.org to find available certified products. These products will have a reduced impact on the environment and on human health. The products to be used must be pre-approved by the LFUCG prior to commencement of any work in any LFUCG facility. If a Green Seal product is not available, the LFUCG must provide a signed waiver to use an alternate product. Please provide information on the Green Seal products being used with your bid response.

C. GREEN COMMUNITY

The Lexington-Fayette Urban County Government (LFUCG) serves as a principal, along with the University of Kentucky and Fayette County Public Schools, in the Bluegrass Partnership for a Green Community. The Purchasing Team component of the Partnership collaborates on economy of scale purchasing that promotes and enhances environmental initiatives. Specifically, when applicable, each principal is interested in obtaining best value products and/or services which promote environment initiatives via solicitations and awards from the other principals.

If your company is the successful bidder on this Invitation For Bid, do you agree to extend the same product/service pricing to the other principals of the Bluegrass Partnership for a Green Community (i.e. University of Kentucky and Fayette County Schools) if requested?

Yes No

II. Bid Conditions

- A. No bid may be withdrawn for a period of sixty (60) days after the date and time set for opening.
- B. No bid may be altered after the date and time set for opening. In the case of obvious errors, the Division of Central Purchasing may permit the withdrawal of a bid. The decision as to whether a bid may be withdrawn shall be that of the Division of Central Purchasing.
- C. Acceptance of this proposal shall be enactment of an Ordinance by the Urban County Council.
- D. The bidder agrees that the Urban County Government reserves the right to reject any and all bids for either fiscal or technical reasons, and to award each part of the bid separately or all parts to one vendor.

- T. The Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any county, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

During the performance of this contract, the contractor agrees as follows:

- (1) *The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin;*
- (2) *The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age or national origin;*
- (3) *The contractor will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provisions of the non-discrimination clauses required by this section; and*
- (4) *The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses.*

The Act further provides:

KRS 45.610. Hiring minorities - Information required

- (1) *For the length of the contract, each contractor shall hire minorities from other sources within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetable.*
- (2) *Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.*

KRS 45.620. Action against contractor - Hiring of minority contractor or subcontractor

- (1) *If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.*
- (2) *If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 to 45.640.*
- (3) *The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.*

KRS 45.630 Termination of existing employee not required, when

Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that that employee was employed prior to the date of the contract.

KRS 45.640 Minimum skills

Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job.

It is recommended that all of the provisions above quoted to be included as special conditions in each

contract. In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his work-force in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

- U. Any party, firm or individual submitting a proposal pursuant to this Invitation must be in compliance with the requirements of the Lexington-Fayette Urban County Government regarding taxes and fees before they can be considered for award of this invitation and must maintain a "current" status with regard to those taxes and fees throughout the term of the contract. The contractor must be in compliance with Chapter 13 from the Code of Ordinances of the Lexington-Fayette Urban County Government. The contractor must be in compliance with Ordinance 35-2000 pursuant to contractor registration with the Division of Building Inspection. If applicable, said business must have a Fayette County business license.

Pursuant to KRS 45A.343 and KRS 45A.345, the contractor shall

- (1) *Reveal any final determination of a violation by the contractor within the previous five year period pursuant to KRS Chapters 136 (corporation and utility taxes), 139 (sales and use taxes), 141 (income taxes), 337 (wages and hours), 338 (occupational safety and health of employees), 341 (unemployment and compensation) and 342 (labor and human rights) that apply to the contractor; and*
- (2) *Be in continuous compliance with the above-mentioned KRS provisions that apply to the contractor for the duration of the contract.*

A contractor's failure to reveal the above or to comply with such provisions for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the contractor from eligibility for future contracts for a period of two (2) years.

- V. Vendors who respond to this invitation have the right to file a notice of contention associated with the bid process or to file a notice of appeal of the recommendation made by the Director of Central Purchasing resulting from this invitation.

Notice of contention with the bid process must be filed within 3 business days of the bid/proposal opening by (1) sending a written notice, including sufficient documentation to support contention, to the Director of the Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his/her contention with the bid process. After consulting with the Commissioner of Finance the Chief Administrative Officer and reviewing the documentation and/or hearing the vendor, the Director of Central Purchasing shall promptly respond in writing findings as to the compliance with bid processes. If, based on this review, a bid process irregularity is deemed to have occurred the Director of Central Purchasing will consult with the Commissioner of Finance, the Chief Administrative Officer and the Department of Law as to the appropriate remedy.

Notice of appeal of a bid recommendation must be filed within 3 business days of the bid recommendation by (1) sending a written notice, including sufficient documentation to support appeal, to the Director, Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his appeal. After reviewing the documentation and/or hearing the vendor and consulting with the Commissioner of Finance and the Chief Administrative Officer, the Director of Central Purchasing shall in writing, affirm or withdraw the recommendation.

LFUCG Non-Appropriation Clause

Contractor acknowledges that the LFUCG is a governmental entity, and the contract validity is based upon the availability of public funding under the authority of its statutory mandate.

In the event that public funds are unavailable and not appropriated for the performance of the LFUCG's obligations under this contract, then this contract shall automatically expire without penalty to the LFUCG thirty (30) days after written notice to Contractor of the unavailability and non-appropriation of public funds. It is expressly agreed that the LFUCG shall not activate this non-appropriation provision for its convenience or to circumvent the requirements of this contract, but only as an emergency fiscal measure during a substantial fiscal crisis, which affects generally its governmental operations.

In the event of a change in the LFUCG's statutory authority, mandate and mandated functions, by state and federal legislative or regulatory action, which adversely affects the LFUCG's authority to continue its obligations under this contract, then this contract shall automatically terminate without penalty to the LFUCG upon written notice to Contractor of such limitation or change in the LFUCG's legal authority.

SPECIAL INSTRUCTIONS TO THE BIDDER

(DO NOT SUBMIT PERFORMANCE SECURITY WITH BID)

Performance Security: The APPARENT LOW BIDDER shall furnish, before recommendation by the Division of Central Purchasing to the Urban County Council that the BIDDER'S bid be accepted, a Performance Bond, Certified Check or Cashier's Check, payable to the Lexington-Fayette Urban County Government, in the penal sum of 100% of the price of the materials and/or services proposed in the bid.

The performance bond will not be returned to the bidder after delivery of the materials/services specified herein unless the bidder requests that the performance bond be returned.

The certified / cashier's check will be returned when the materials and/or services specified herein have been delivered.

In the event of bidder's failure to perform as specified herein, It is agreed that the monies represented by the performance bond or certified / cashier's check shall be retained by the Lexington-Fayette Urban County Government as liquidated damages.

Contracts that are less than \$50,000 will not require a 5% bid security or a performance and payment bond.

EQUAL OPPORTUNITY AGREEMENT

Standard Title VI Assurance

The Lexington Fayette-Urban County Government, (hereinafter referred to as the "Recipient") hereby agrees that as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation, it will comply with Title VI of the Civil Rights Act of 1964, 78Stat.252, 42 U.S.C. 2000d-4 (hereinafter referred to as the "Act"), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, (49 CFR, Part 21) Nondiscrimination in Federally Assisted Program of the Department of Transportation – Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the "Regulations") and other pertinent directives, no person in the United States shall, on the grounds of race, color, national origin, sex, age (over 40), religion, sexual orientation, gender identity, veteran status, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives Federal financial assistance from the U.S. Department of Transportation, including the Federal Highway Administration, and hereby gives assurance that will promptly take any necessary measures to effectuate this agreement. This assurance is required by subsection 21.7(a) (1) of the Regulations.

The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

The Contractor will not discriminate against any employee or applicant for employment because of physical or mental disability.
- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

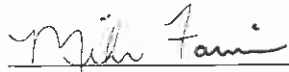
The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, veteran status, disability and age.



Signature

OverHead Door of Eastern Kentucky

Name of Business

GENERAL PROVISIONS OF BID CONTRACT

By signing the below, bidder acknowledges that it understands and agrees with the following provisions related to its bid response and the provision of any goods or services to LFUCG upon selection by LFUCG pursuant to the bid request:

1. Bidder shall comply with all Federal, State & Local regulations concerning this type of service or good. All applicable state laws, ordinances and resolutions (including but not limited to Section 2-33 (Discrimination due to sexual orientation or gender identity) and Chapter 13 (Licenses and Regulations) of the Lexington-Fayette Urban County Government Code of Ordinances, and Resolution No. 484-17 (Minority, Women, and Veteran-Owned Businesses)) and the regulations of all authorities having jurisdiction over the project shall apply to the contract, and shall be deemed to be incorporated herein by reference.
2. Failure to submit ALL forms and information required by LFUCG may be grounds for disqualification.
3. Addenda: All addenda and IonWave Q&A, if any, must be considered by the bidder in making its response, and such addenda shall be made a part of the requirements of the bid contract. Before submitting a bid response, it is incumbent upon bidder to be informed as to whether any addenda have been issued, and the failure of the bidder to cover any such addenda may result in disqualification of that response.
4. Bid Reservations: LFUCG reserves the right to reject any or all bid responses, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by bidder in the preparation of its response.
6. Changes/Alterations: Bidder may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the bid response, and received by LFUCG prior to the scheduled closing time for receipt of bids, will be accepted. The bid response when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of bid response".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from any bidder.
8. Bribery Clause: By his/her signature on its response, bidder certifies that no employee of his/hers, any affiliate or subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.
9. Additional Information: While not necessary, the bidder may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and

evaluating the bid response. Additional documentation shall not serve as a substitute for other documentation which is required by the LFUCG to be submitted with the bid response.

10. **Ambiguity, Conflict or other Errors:** If a bidder discovers any ambiguity, conflict, discrepancy, omission or other error in the bid request of LFUCG, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. **Agreement to Bid Terms:** In submitting its bid response, the bidder agrees that it has carefully examined the specifications and all provisions relating to LFUCG's bid request, including but not limited to the bid contract. By submission of its bid response, bidder states that it understands the meaning, intent and requirements of LFUCG's bid request and agrees to the same. The successful bidder shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to bidder shall be authorized for services, expenses, or goods reasonably covered under these provisions that the bidder omits from its bid response.
12. **Cancellation:** LFUCG may unilaterally terminate the bid contract with the selected bidder(s) at any time, with or without cause, by providing at least thirty (30) days advance written notice unless a different advance written notice period is negotiated prior to contract approval. Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.
13. **Assignment of Contract:** The selected bidder(s) shall not assign or subcontract any portion of the bid contract with LFUCG without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this bid proposal or bid contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. **Authority to do Business:** Each bidder must be authorized to do business under the laws of the Commonwealth of Kentucky and must be in good standing and have full legal capacity to provide the goods or services specified in the bid proposal. Each bidder must have all necessary right and lawful authority to submit the bid response and enter into the bid contract for the full term hereof including any necessary corporate or other action authorizing the bidder to submit the bid response and enter into this bid contract. If requested, the bidder will provide LFUCG with a copy of a corporate resolution authorizing this action and/or a letter from an attorney confirming that the proposer is authorized to do business in the Commonwealth of Kentucky. All bid responses must be signed by a duly authorized officer, agent or employee of the bidder.
16. **Governing Law:** This bid request and bid contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this matter, the bidder agrees that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division and that the bidder expressly consents to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to these matters or any rights or obligations arising thereunder.
17. **Ability to Meet Obligations:** Bidder affirmatively states that there are no actions, suits or proceedings of any kind pending against bidder or, to the knowledge of the bidder, threatened against the bidder before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of bidder to perform its obligations under this bid response or bid contract, or which question the legality, validity or enforceability hereof or thereof.
- ✱ 18. **Price Discrepancy:** In case of price discrepancy, unit bid price written in words will prevail followed by unit price written in numbers then total amount bid per line item.
19. Bidder understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any

purpose whatsoever. Bidder is an independent contractor at all times related to the bid response or bid contract.

- 20. If any term or provision of this bid contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.

M. Famin
Signature

2-5-2018
Date

WORKFORCE ANALYSIS FORM

Name of Organization: Overhead Door of Eastern Kentucky

Categories	Total	White (Not Hispanic or Latino)		Hispanic or Latino		Black or African-American (Not Hispanic or Latino)		Native Hawaiian and Other Pacific Islander (Not Hispanic)		Asian (Not Hispanic or Latino)		American Indian or Alaskan Native (not Hispanic or Latino)		Two or more races (Not Hispanic or Latino)		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Administrators																	
Professionals																	
Superintendents		1															
Supervisors		1															
Foremen		3															
Technicians		6															
Protective Service																	
Para-Professionals																	
Office/Clerical		2	1														
Skilled Craft																	
Service/Maintenance																	
Total:		13	1														

Prepared by: Mike Fanni
(Name and Title)

Date: 02/05/2018

Revised 2015-Dec-15

**DIRECTOR, DIVISION OF CENTRAL PURCHASING
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
200 EAST MAIN STREET
LEXINGTON, KENTUCKY 40507**

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE
EQUAL EMPLOYMENT OPPORTUNITIES AND DBE CONTRACT PARTICIPATION**

The Lexington-Fayette Urban County Government has set a goal that not less than ten percent (10%) of the total value of this contract be subcontracted to MBE/WBE's, and set a goal that not less than three percent (3%) of the total value of this contract be subcontracted to Veteran-Owned Small Businesses. The goal for the utilization of Certified MBE/WBE's and Veteran-Owned Small Businesses as subcontractors are recommended goals. Contractors who fail to meet such goals will be expected to provide written explanations to the Director of the Division of Central Purchasing of efforts they have made to accomplish the recommended goals and the extent to which they are successful in accomplishing the recommended goals will be a consideration in the procurement process.

For assistance in locating MBE/WBE Subcontractors contact Sherita Miller at 859/258-3320 or by writing the address listed below:

Sherita Miller, Division of Central Purchasing
Lexington-Fayette Urban County Government
200 East Main Street – Room 338
Lexington, Kentucky 40507
smiller@lexingtonky.gov



ADDENDUM #1

Bid Number: **#6-2018**

Date: February 1, 2018

Subject: **Rolling Overhead Doors for Town Branch WWTP
Solids Processing Building**

Address inquiries to:

Brian Marcum
(859) 258-3320

TO ALL PROSPECTIVE SUBMITTERS:

Please be advised of the following clarifications to the above referenced Bid:

This is **Bid Invitation#6-2016 not 9-2018**, please replace your front page with the attached revised front page and label you bid submittal envelope as Bid#6-2018. If you have already submitted, please sign this page and complete the attached front end page and deliver to: Division of Central Purchasing, 200 East Main Street Room#338, Lexington, Ky. 40507. We will attach this to your previously submitted bid envelope.

Todd Slatin, Director
Division of Central Purchasing

All other terms and conditions of the Bid and specifications are unchanged.
This letter should be signed, attached to and become a part of your Bid.

COMPANY NAME: Overhead Door of Eastern Kentucky

ADDRESS: 389 Tollage Rd. Pikeville, Ky. 41501

SIGNATURE OF BIDDER: Mike Farnin



Please write in the Total Bid Price below.

Rolling Overhead Doors	Description	Total Bid Price
<p>Overhead Door Corporation 620 Series Rolling Overhead Doors and RSX-RS Operators</p>	<ul style="list-style-type: none"> • (3) Rolling Overhead Doors and Operators as specified within • Minimum one (1) year labor and two (2) year operator parts warranty as specified • Removal of three (3) existing Rolling Overhead Doors with Operators and associated equipment • Installation and startup of new units as specified 	<p>Thirty One Thousand Fifty four Dollars and No Cents</p> <p>#31,054.⁰⁰</p>

Or Equal Submittal		
Rolling Overhead Doors	Description	Total Bid Price
<p>Indicate Manufacturer and Model Number</p>	<p>Provide Brief Overview (Include product brochure)</p>	<p>NA</p>

SPECIAL INSTRUCTIONS TO BIDDER:

- For general questions contact Rick Bowman, Engineering Tech Sr.
@ 859.425.2475
- For bidding questions contact Brian Marcum, Division of Central Purchasing
@ 859.258.3325.

GENERAL REQUIREMENTS

1. The Rolling Overhead Door Unit(s) specified shall be the **620 Series Rolling Overhead Doors and RSX-RS Operators as Manufactured by the Overhead Door Corporation** or Owner approved equal.

Specification Compliant	
Yes	No
✓	

2. Rolling Overhead Door Specifications:

Rolling Overhead Doors	
Series	620
Door Width	16' 0"
Door Height	14' 0"
Opening Width	16' 0"
Opening Height	14' 0"
Operation	Electric
Mounting	Face of Wall
Miscellaneous	
<ul style="list-style-type: none"> • Slats: F-265, 16 Gauge Mill Aluminum (224) • Guides: Zinc Rich (Replacing Cold Galvanized) (14') • Bottom Bar: Aluminum Angle with Weatherseal (16') • Hood Finish: Mill Aluminum (16') • Bottom Bar Only Finish: Clear Anodized Aluminum (16') • Curtain Finish: Clear Anodized Aluminum (224) 	

Specification Compliant	
Yes	No
✓	

3. Door Standard Features:

- a. Curtain slats will be F-265 16 Gauge Mill Aluminum
- b. Curtain will be provided with stainless steel endlocks on alternate slats
- c. Windlocks will be used as required to meet design wind load, minimum 20 psf
- d. Guides will be Zinc Rich (replacing cold galvanized) angles with weatherstripping on exterior side
- e. Brackets will be Zinc Rich (replacing cold galvanized) steel plate to support the barrel, counterbalance and hood
- f. Internal baffle to be provided in hood
- g. Counterbalance will be helical torsion springs housed in a steel pipe with a deflection limited to .03" per foot of span (width) and adjustable by means of an external tension wheel

Specification Compliant	
Yes	No
✓	

- h. All non-galvanized, exposed, ferrous surfaces will receive one coat of rust inhibitive primer
- i. *Note: Hot dipped galvanized steel angle guides, bellmouths, bottom bars, head plates, operator mounting plates, rolled guides, tension wheels, release mechanisms (for fire doors) and wall mounting tubes CAN NOT be painted, NOR powder coat finished (The galvanizing process will not allow the additional applied finish to adhere properly to the metal.

4. Operator Specifications for Rolling Overhead Doors:

Operators	
Series	RSX-RS Heavy Duty
Electrical	460 Volt 3 Phase
Rating	1 HP Continuous Duty NEMA 4 & 4X Enclosed brake, Sealed electric box
Miscellaneous	
<ul style="list-style-type: none"> • MT-22 Monitored Miller Failsafe Safety Edge 	
<ul style="list-style-type: none"> • Right Hand, Front Hood 	
<ul style="list-style-type: none"> • NEMA 4X Complete 	
<ul style="list-style-type: none"> • 3-Button (Open / Stop / Close), Surface Mount, W/ Keyed Lockout, NEMA 4 	

Specification Compliant	
Yes	No
✓	

5. Operator Standard Features:

- a. RSX Jackshaft with hoist for Rolling Steel
- b. Rolling steel model with hoist, front of hood mounted
- c. Electrical and mechanical features include:
 - i. Easy limit setting with Limit Lock™ - a patent pending electro/mechanical limit sensor that makes it easy to set and maintain limits
 - ii. Voltage Freedom with Voltamatic™ - One unit for three phase voltages (208/230/460V)
 - iii. Extra door system durability with Progressive Braking – DC brake system brings the door to a soft stop for less wear and tear on the system
 - iv. Control system features a delay on reverse operating protocol
 - v. Easy installation and trouble-shooting with Einstein Logic™ - Intelligent menu structure and expanded self-diagnostics

Specification Compliant	
Yes	No
✓	

- vi. Extra safety and security with Advanced Radio Receiver System – Stores up to 250 CodeDodger® transmitters including the new commercial dual frequency cycle versions
 - vii. Primary reduction is Super Belt™ with automatic tensioning (secondary reduction is by chain and sprocket)
- d. Two (2) Year Limited Warranty

SUBMITTALS

1. Copy of the manufacturer's equipment warranty detailing the duration of the warranty and all limitations of the warranty.

Specification Compliant	
Yes	No
✓	

2. A copy of this specification with each paragraph check marked to show specification compliance or marked to show deviations. All exceptions must be clearly noted and detailed. The LFUCG reserves the right to disallow any bid due to exception

Specification Compliant	
Yes	No
✓	

3. All equipment and materials shall be new and shall be specially designed or selected for the function and service specified.

Specification Compliant	
Yes	No
✓	

4. Operation and Maintenance Manuals: Prior to delivery of equipment and up-dated as required during the installation of the equipment, the Manufacturer shall furnish complete and detailed installation, operation, and maintenance manuals, minimum of one (1) hard copy per unit, which shall include the following information as a minimum requirement:

Specification Compliant	
Yes	No
✓	

- a. Drawings, installation, operation, and maintenance brochures.
- b. All required operating instructions.
- c. All required maintenance instructions including schedules of routine maintenance.

INSTALLATION INSTRUCTIONS FOR INSULATED GUIDES



1. Install guides per Overhead Door Corporation Installation Instructions 300922-0001 for Series 610 / 620 / 625.
2. Attach weatherstrip and retainer mounting plate (if necessary) to guide angle studs with flat washers and nuts. See Figure 1.
3. Place insulation retainer against jamb and notch top corner to fit under door opening (see Figure 2). Remove protective backing from one-sided sealant tape and adhere to edge of insulation retainer. See Figure 2.
4. Insert one (1) strip insulation into guide angle.
NOTE: It is not necessary to trim for width. Secure insulation retainer to retainer mounting plate with #8 x 3/8" self-tapping screws. See Figure 2.
5. Drill through insulation retainer, tape and into jamb. Secure insulation retainer to jamb with appropriate hardware. See Figure 2.
6. Trim insulation retainer cover to fit guide angle configuration and place over insulation and insulation retainer. Attach to insulation retainer with one (1) #8 x 3/8" self-tapping screw. See Figure 2.

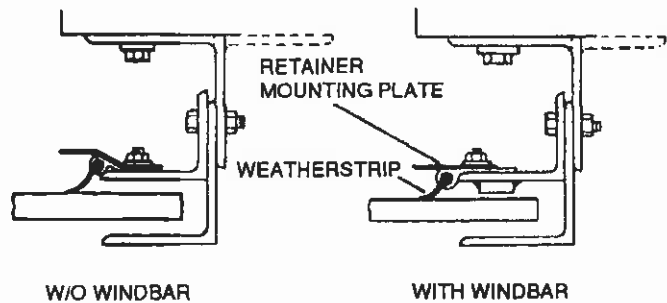


FIGURE 1

NOTE: TYPICAL CONFIGURATION FOR STEEL AND CONCRETE JAMBS.

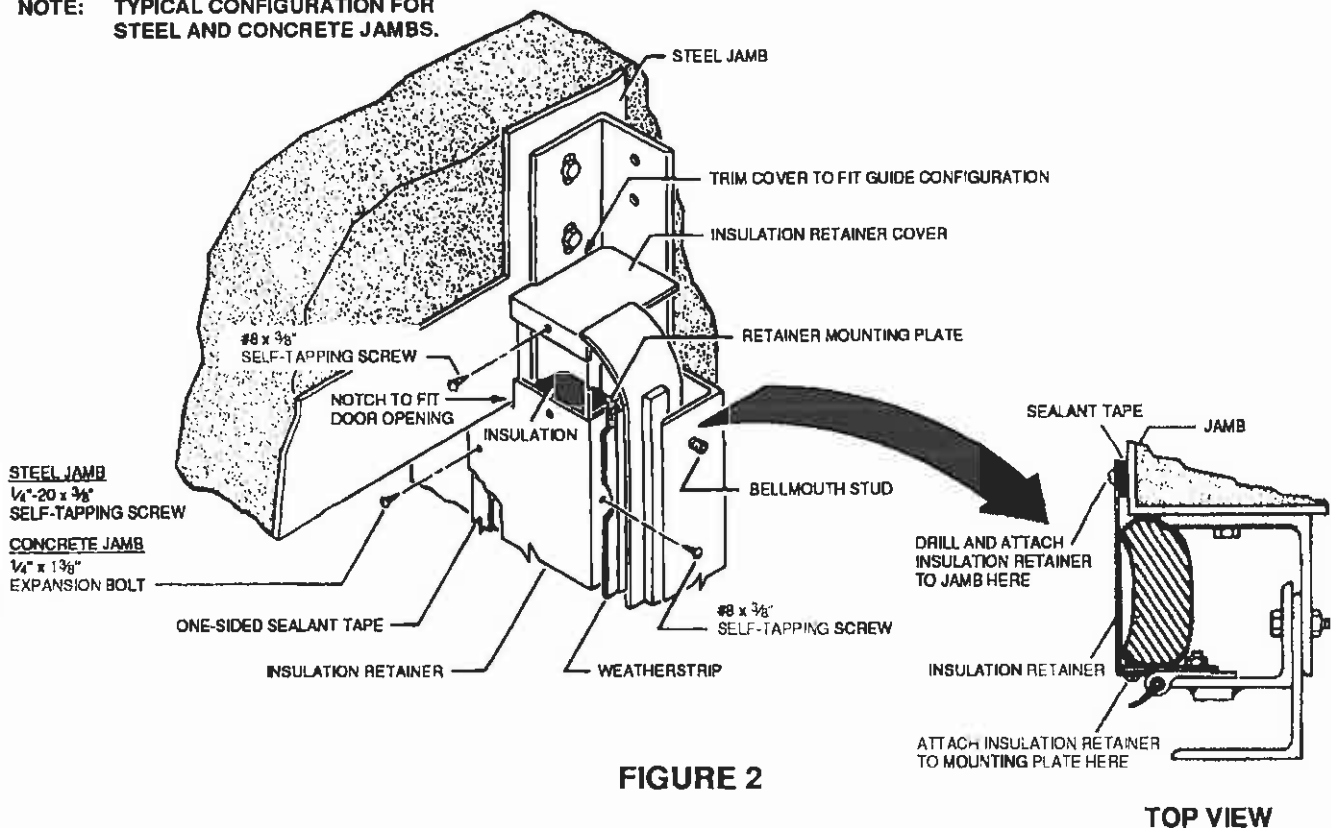


FIGURE 2

TOP VIEW

Overhead Door Company Of Eastern Ky.

389 Tollage Creek Road
 Pikeville, KY 41501
 Telephone: (606) 874-4262
 Fax: (606) 874-4265
 E-Mail matt@odeky.com

Shipping Address
 389 Tollage Creek Road
 Pikeville, KY 41501
 Telephone: (606) 874-4262
 Fax: (606) 874-4265

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Proposal #: 1-1638

Q 3500

PROPOSAL SUBMITTED TO: LEXINGTON FAYETTE URBAN COUNTY					Date 2/6/2018	Attention BRIAN MARCUM, PURCHASING					
STREET					Job Name #6-2018 TOWN BRANCH WWTP DOOR						
City			State	ZipCode	Job Location LEXINGTON, KY						
Phone Number			Fax Number		Job Phone						
ITEM #	QTY	SERIES	DOOR WIDTH	DOOR HEIGHT	OPENING WIDTH	OPENING HEIGHT	OPERATION	MOUNTING	JAMB TYPE		
1	3	620	16' 0"	14' 0"	16' 0"	14' 0"	ELECTRIC	FOW	CONCRE		
2	3	RSX-RS					AUX HOIST	FOH			

FURNISH AND INSTALL:

The above sized 620 series rolling door(s) as manufactured by the Overhead Door Corporation. Door standard features to include the following: Curtain slats will be F-265 flat faced galvanized painted steel. Curtain will be provided with steel or malleable iron endlocks on alternate slats. Windlocks will be used as required to meet design wind load, minimum 20 psf. Guides will be roll-formed steel channel or three structural steel angles with weatherstripping on exterior side. Brackets will be hot rolled steel plate to support the barrel, counterbalance and hood. Internal baffle to be provided in hood. Counterbalance will be helical torsion springs housed in a steel pipe with a deflection limited to .03" per foot of span (width) and adjustable by means of an external tension wheel. All non-galvanized, exposed, ferrous surfaces will receive one coat of rust inhibitive primer. Note: Hot dipped galvanized steel angle guides, bellmouths, bottom bars, head plates, operator mounting plates, rolled guides, tension wheels, release mechanisms (for fire doors) and wall mounting tubes can NOT be painted, NOR powder coat finished.. The galvanizing process will not allow the additional applied finish to adhere properly to the metal.

RSX models are available in RSX Trolley, Center-mount Trolley and Dual Trolley for Sectional, and RSX Jackshaft with and without hoist for Rolling Steel.

All RSX Standard Duty models are available in Single phase 115vac, 208vac, 230vac, Three phase 208vac, 230vac, 460vac, and Three phase 575vac; 1/2, 3/4 and 1 Hp, Open, Drip Proof (ODP) continuous duty (60 cycles per hour at peak usage), Totally Enclosed Non Ventilated Motor (TENV), Totally Enclosed Fan Cooled Motor (TEFC), and NEMA 4 and 4X with enclosed brake and sealed electrical box.

Trolley models are available with or without brake on 1/2 hp models. Sidemount and Centermount direct couple to the door shaft with or without hoist. Hoist models are left hand or right hand. The RSX Trolley will operate Standard Lift Doors, and the Sidemount series will operate Lift Clearance and Vertical Lift Sectional Doors up to 24' high with a maximum weight of 1120 lbs for 1/2hp, 1370 lbs for 3/4 hp, and 1620 lbs for 1 hp. Trolley Rails for door heights up to 12' are standard.

Rolling Steel models are available with or without hoist, front of hood, top of hood, wall- mount. Hoist models are left hand or right hand. The Rolling Steel series will operate Rolling Steel doors up to 24' high and with a maximum weight of 998 lbs for 1/2hp, 1220 lbs for 3/4 hp, and 1440 lbs for 1 hp

New electrical and mechanical features for all models include:

- ✓ Easy limit setting with Limit Lock™ - a patent pending electro/mechanical limit sensor that makes it easy to set and maintain limits.

- ✓ Voltage freedom with Voltamatic™ - one unit for single phase voltages (115/208/230V), one unit for three phase voltages (208/230/460V) and one unit for three phase 575V.
- ✓ Extra door system durability with Progressive Braking - DC brake system brings the door to a soft stop for less wear and tear on the system.
- ✓ Control system features a delay on reverse operating protocol
 Easy installation and trouble-shooting with Einstein Logic™ - intelligent menu structure and expanded self-diagnostics
- ✓ Extra safety and security with Advanced Radio Receiver System – stores up to 250 CodeDodger® transmitters including the new commercial dual frequency cycle versions
- ✓ Primary reduction is Super Belt™ with automatic tensioning (secondary reduction is by chain and sprocket)
 RSX operator comes with a Two Year Limited Warranty

PROPOSAL TO INCLUDE THE FOLLOWING:

Item 1 above to feature the following:

- ✓ - (224) SLATS, F-265 16 Gauge Mill Aluminum.
- ✓ - (14) GUIDES, Zinc Rich (Replacing Cold Galvanized).
- ✓ - (16) BOTTOM BAR, Alum Angle w/Weatherseal.
- ✓ - (16) HOOD Finish, Mill Aluminum.
- ✓ - (16) FINISH, Bottom Bar Only, Clear Anodized Aluminum.
- ✓ - (224) CURTAIN Finish, Clear Anodized Aluminum.
- ✓ - (1) BRACKETS, Zinc Rich (Replacing Cold Dip Galvanized).
- ✓ - (14) Windload, 20' Width, F-265 Slat, Design 20 PSF, (STD).

Item 2 above to feature the following:

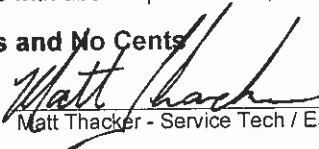
- ✓ - (1) Commercial NEMA 4 Photo Eye Kit(OPAKPEN4X.s) monitored.
- ✓ - (1) Right Hand, Front Hood (111509.0001).
- ✓ - (1) Monitored Edge Interface Module(OPAKMEIX.s).
- ✓ - (1) NEMA 4X Complete (Not UL Listed).
- ✓ - (1) 3- Button (Open/Close/Stop), Surface Mount, w/ Keyed Lockout, NEMA 4 (107040-).
- ✓ - (16) (Replacing MT-21-2U) Sensing Edge Blk Logo, UNIV, DC(810276.2004) Rolling/Sprin.
- ✓ - (1) 2 wire electric sensing edge hardware kit (607538-0001).
- ✓ - (16) Sensing Edge Assembly Charge.

***NO SALES TAX INCLUDED IN THIS PROPOSAL
 ***USE EXSISTING WIRING AND CONDUIT (FROM OLD DOORS)

INSTALLATION	INCLUDED
REMOVAL AND DISPOSAL OF OLD DOORS	INCLUDED

We hereby propose to complete in accordance with above specification, for the sum of:

Thirty One Thousand Fifty Four Dollars and No Cents	31,054.00
---	------------------

Signature  _____
 Matt Thacker - Service Tech / Estimator Direct Dial: 606.874.4262

TERMS AND CONDITIONS

Payment to be made as follows:

Prices subject to change if not accepted in 30 days.

BY OTHERS: Jambs, spring pads, all wiring to motors and control stations, unless otherwise stated above, are not included. Purchaser agrees that doors shall remain in Seller's possession until paid in full. In the event Purchaser breaches or defaults under the terms and provisions of this Agreement, the Purchaser shall be responsible for the costs of collection, including reasonable attorneys' fees. There shall be a 1 1/2% service charge per month for all payments due and owing after 30 days. (Agreements are contingent upon strikes, accidents, or delays beyond our control.)

ACCEPTANCE: Terms, Price, and specifications on all pages of this proposal are hereby accepted and the work authorized.

Purchaser: _____

Signature _____ Title _____ Date of Acceptance _____

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**Overhead Door Corporation
Commercial Rolling Service Doors Limited Warranty**

Overhead Door Corporation ("Seller") warrants to the original purchaser of the Models 600, 610, 620, 625, 627 Rolling Service Doors ("Product"), subject to all of the terms and conditions hereof, that the Product and all components thereof will be free from defects in materials and workmanship under normal use for the following period(s), measured from the date of installation:

- **TWENTY FOUR (24) MONTHS ON ALL PARTS AND COMPONENTS**

Seller's obligation under this warranty is specifically limited to repairing or replacing, at its option, any part which is determined by Seller to be defective during the applicable warranty period. Repair or replacement labor for any defective Door part or component is included for a period of one (1) year from the date of installation. After that, any labor charges are excluded and will be the responsibility of the purchaser. Labor charges related to any Operator defect are excluded and will be the responsibility of the purchaser.

This warranty is made to the original purchaser of the Product only, and is not transferable or assignable. This warranty applies only to Products, which are installed in commercial or industrial building applications. This warranty does not apply to any unauthorized alteration or repair of the Product, or to any Product or component which has been damaged or deteriorated due to misuse, neglect, accident, failure to provide necessary maintenance, normal wear and tear, or acts of God or any other cause beyond the reasonable control of Seller. This warranty does not apply to any damage or deterioration caused by door slats rubbing together as the door rolls up upon itself or caused by exposure to salt water, chemical fumes or other corrosive or aggressive environments, whether naturally occurring or man-made, including, but not limited to, environments with a high degree of humidity, sand, dirt or grease.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SELLER BE RESPONSIBLE FOR, OR LIABLE TO ANYONE FOR, SPECIAL, INDIRECT, COLLATERAL, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES, even if Seller has been advised of the possibility of such damages. Such excluded damages include, but are not limited to, loss of goodwill, loss of profits, loss of use, cost of any substitute product, interruption of business, or other similar indirect financial loss.

Claims under this warranty must be made promptly after discovery, within the applicable warranty period, and in writing to the Seller or to the authorized distributor or installer whose name and address appear below. The purchaser must allow Seller a reasonable opportunity to inspect any Product claimed to be defective prior to removal or any alteration of its condition. Proof of the purchase and/or installation date, and identification as the original purchaser, may be required. This Warranty is not valid unless the fields below are completed by the installer at the time of installation.

DOOR TYPE: _____
OPERATOR TYPE: _____
CUSTOMER NAME (ORIGINAL PURCHASER): _____
CUSTOMER INSTALLATION LOCATION: _____
ORDER # _____
DATE OF INSTALLATION: _____
NAME OF DISTRIBUTOR/INSTALLER: _____
SIGNATURE OF DISTRIBUTOR/INSTALLER: _____

The Genuine. The Original.



Overhead Door Corporation
Commercial Rolling Service Door and Operator System
Limited Warranty

Overhead Door Corporation ("Seller") warrants to the original purchaser of the Series 600, 610, 620, 625 or 627 commercial rolling service door ("Door") and the model RSX®, RMX®, or RFX® commercial door operator ("Operator") (Door and Operator purchased and installed together collectively referred to as the "System"), subject to all of the terms and conditions hereof, that the System and all components thereof will be free from defects in materials and workmanship under normal use for the following periods, measured from the date of installation:

- Seller warrants all parts and components of the System, except the counterbalance spring and finish, to be free from defects in materials and workmanship for three (3) years from the date of installation or 20,000 cycles¹, whichever occurs first.

Seller's obligation under this warranty is specifically limited to repairing or replacing, at its option, any part which is determined by Seller to be defective during the applicable warranty period. Repair or replacement labor for any defective Door part or component is included for a period of one (1) year from the date of installation. After that, any labor charges are excluded and will be the responsibility of the purchaser. Labor charges related to any Operator defect are excluded and will be the responsibility of the purchaser.

This warranty is made to the original purchaser of the System only, and is not transferable or assignable. This warranty does not apply to any unauthorized alteration or repair of the System, or to any System or component which has been damaged or deteriorated due to misuse, neglect, accident, failure to provide necessary maintenance, normal wear and tear, or acts of God or any other cause beyond the reasonable control of Seller. This warranty does not cover replacement batteries or apply to any damage or deterioration caused by door slats rubbing together as the door rolls up upon itself or caused by exposure to salt water, chemical fumes or other corrosive or aggressive environments, whether naturally occurring or man-made, including, but not limited to, environments with a high degree of humidity, sand, dirt or grease. This warranty applies only to Systems (a Door and Operator purchased and installed together simultaneously) and not to any Door or Operator purchased independently from the other, regardless of whether subsequently paired together.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SELLER BE RESPONSIBLE FOR, OR LIABLE TO ANYONE FOR, SPECIAL, INDIRECT, COLLATERAL, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES, even if Seller has been advised of the possibility of such damages. Such excluded damages include, but are not limited to, loss of goodwill, loss of profits, loss of use, cost of any substitute product, interruption of business, or other similar indirect financial loss.

Claims under this warranty must be made promptly after discovery, within the applicable warranty period, and in writing to the Seller or to the authorized distributor or installer whose name and address appear below. The purchaser must allow Seller a reasonable opportunity to inspect any System claimed to be defective prior to removal or any alteration of its condition. Proof of the purchase and/or installation date, and identification as the original purchaser, may be required. This Warranty is not valid unless the fields below are completed by the installer at the time of installation.

¹The number of cycles referred to herein shall be measured by an integrated cycle counter customized in or attached to the Operator. If the cycle counter is rendered inoperative, Seller shall use other reasonable means to determine the cycle count.

DOOR TYPE: _____
OPERATOR TYPE: _____
CUSTOMER NAME (ORIGINAL PURCHASER): _____
CUSTOMER INSTALLATION LOCATION: _____
ORDER # _____
DATE OF INSTALLATION: _____
NAME OF DISTRIBUTOR/INSTALLER: _____
SIGNATURE OF DISTRIBUTOR/INSTALLER: _____

SPECIFICATIONS

DOOR MARK	TBD
QUANTITY	3
WIDTH	18" 0"
HEIGHT	14" 0"
ENDLOCKS	ALTERNATE MALLEABLE IRON
WINDLOCKS	ALTERNATE MALLEABLE IRON
DOOR MOUNT	INTERIOR
MATERIAL	
CURTAIN	.050 THK. ALUMINUM
HOOD	.040 THK. ALUMINUM
GUIDES	STEEL L's
BOTTOM BAR	EXTRUDED T ALUMINUM
FINISH	
FERROUS SURFACES	SHOP PRIMED (GRAY)
CURTAIN	#204 CLEAR ANODIZED
HOOD	#204 CLEAR ANODIZED
LOCK TYPE	
LOCK	NONE
LOCATION	NONE

REMARKS/NOTES

MASONRY ROLLED GUIDES 1/4" (OPENING WIDTH) SECTION B-B

STEEL WEATHERSTRIPPED BOTTOM BAR

VERIFY JAMB TYPE CONCRETE

ANGLED GUIDES 1/4"

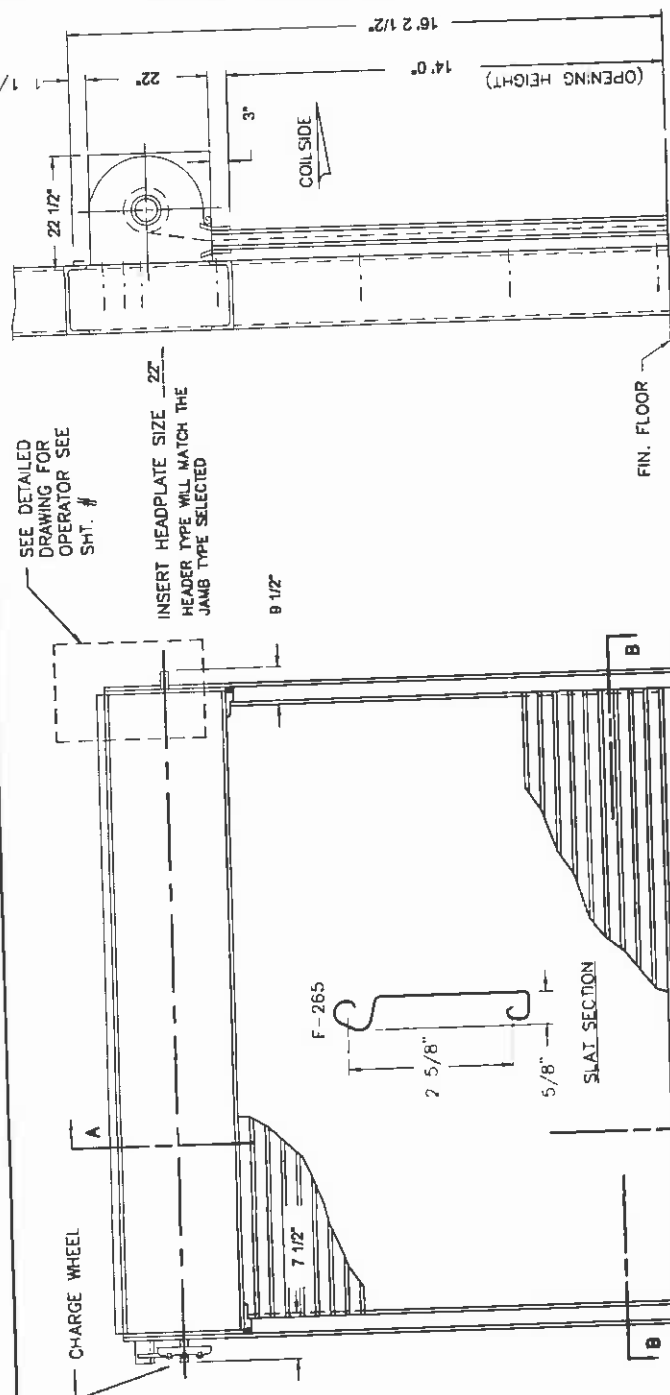
FIN. FLOOR

SECTION A-A

MOTOR UNIT

MODEL	RSX 1 HP
VOLT/PHASE	160 VOLT/3 PHASE/60 HERTZ
MOUNT	FRONT OF HOOD
SEE SHT. #2 FOR OPERATOR DETAIL	

() RIGHT HAND MOTOR OPERATED ROLLING ALUMINUM STORMITTE DOOF



Product specifications selected by: CUSTOMER

Templates supplied blank. P.O.#

For submitted purposes only. Not an As-Built Drawing.
Door options must be configured to match Overhead Door Corporation
standard product offerings.
Refer to CAD architectural specifications for mill headroom/holdroom dimensions.

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OVERHEAD DOOR

DISTRIBUTOR:	OVERHEAD DOOR OF EASTERN KY
SHEET NO.	123667
DR. BY	RMT
DATE	2/6/2018
JOB NO.	1638
SCALE	N.T.S.

JOB NAME: LFUGG TOWN BR. WWTP DOORS
REPLACEMENT
CONTRACTORS NAME: ARCHITECTS NAME

DRAWING NO. 1
SERIES 620
OVERHEAD DOOR CO. OF PENNA., INC.
LEWISTOWN, PA.

RSX[®]

STANDARD DUTY COMMERCIAL OPERATOR



**ADVANCED INNOVATION.
SUPERIOR FUNCTIONALITY.**



**INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS**

Standard features at a glance

Progressive braking*

An advanced DC brake system similar to anti-lock brakes brings the door to a soft stop for less wear and tear on the system.

Easy limit setting with LimitLock®

An electro/mechanical limit sensor that makes it easy to set and maintain limits.

Advanced radio receiver system with auto seek frequency range

Quickly and easily learns up to 250 CodeDodger® transmitters. This system will automatically cycle between 315 and 390 frequencies. It can add and delete transmitters from the menu and easily identify which transmitters are operating the door.

16-character LCD display

Simplifies installation and troubleshooting. Intelligent menu structure and expanded self-diagnostics.

Voltage freedom with Voltamatic®

Voltamatic® provides 115/208/230V single phase in one unit, and 208/230/460V three phase in another unit. A separate 575V three phase unit is also available.

Auto-tensioning SuperBelt®

Automatically adjusts itself to the correct tension.

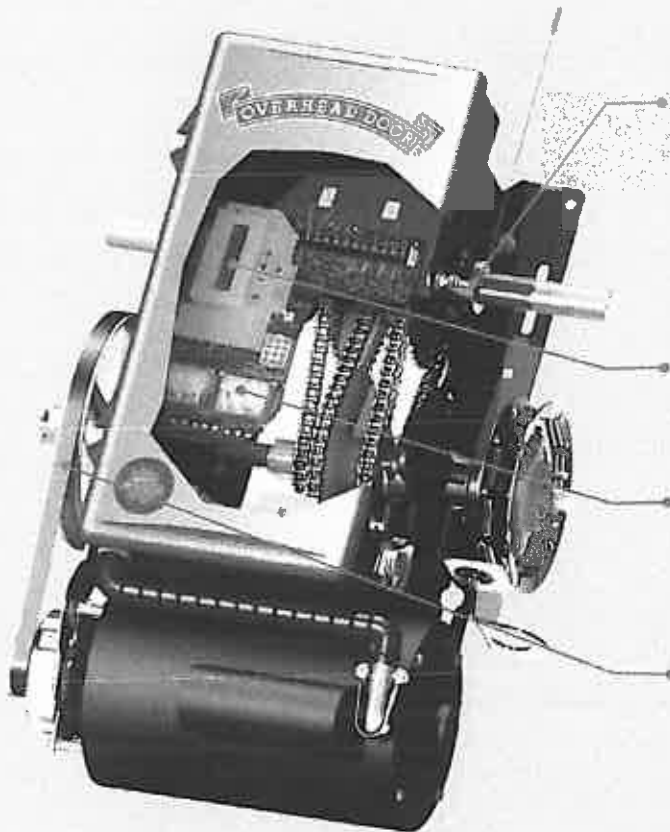
UL325 2010 compliant

This new standard requires the addition of monitored external entrapment devices prior to the operator working in momentary contact in the close direction.

Adjustable timed closed feature

Standard feature on the main logic board can close door automatically. Timer delay can be set from zero to five minutes in two second increments through the LCD display.

*Patents # 6,737,823 and # 6,388,412



STANDARD DUTY COMMERCIAL OPERATOR

RSX® Sectional door chart (sq. ft.)

Commercial steel insulated & non-insulated												
Model	HP	UL Listed	Door Series →		416	418	420	422	424	426	430	432
			Mounting type	Max. door weight (Lbs)	16 GA. flush steel	16 GA. flush steel insulated	20 GA. ribbed steel	20 GA. ribbed steel insulated	24 GA. ribbed steel	24 GA. ribbed steel insulated	Normal 24 GA. ribbed steel	Normal 24 GA. ribbed steel insulated
RSX®	1/2	Yes	TSC	1120	294	230	366	294	448	330	326	326
RSX®	3/4	Yes	TSC	1370	366	294	448	366	490	406	326	326
RSX®	1	Yes	TSC	1620	448	366	536	448	536	490	326	326

Thermacore												Aluminum	
Model	HP	UL Listed	Door Series →		591	592	593	594	596	598	599	511	521
			Mounting type	Max. door weight (Lbs)	Ribbed steel 1-5/8"	Ribbed steel 2"	Ribbed steel 1-3/8"	Raised panel steel 1-3/8"	20 GA. flush steel 2"	Ribbed steel 1"	Ribbed steel 2"		
RSX®	1/2	Yes	TSC	1120	406	406	326	326	360	200	406	326	406
RSX®	3/4	Yes	TSC	1370	490	448	326	326	404	200	448	326	506
RSX®	1	Yes	TSC	1620	591	494	326	326	448	200	494	326	524

T = Trolley S = Jackshaft, Side Mount C = Jackshaft, Center Mount
 Note: Total door weight, and not the square footage, is the critical factor in selecting the proper operator. Square foot measurements are based on "square doors" (Example = 16' x 16').
 Note: Doors that require special windloading and wide doors normally require increased strutting (reinforcement). Strutting doors can significantly increase door weight beyond maximum weight shown.
 Consult the technical support group at 1-800-275-6187.

RSX® Rolling steel door chart (sq. ft.)

Model	HP	UL listed	Rolling steel doors									
			600	610/620			625			627		
			Coil-Away™	22 GA.	20 GA.	18 GA.	24 GA.	22 GA.	20 GA.	18 GA.	24 GA.	22 GA.
RSX®	1/2	Yes	256*	292	255	194	179	156	145	123	190	192
RSX®	3/4	Yes	256*	375	327	249	230	200	185	158	228	192
RSX®	1	Yes	256*	480	419	319	294	256	237	202	266	252

Model	HP	UL listed	FireKing®					Rolling fire doors/shutters		Counter	Grilles	
			635**		630/631/634**			640/641	650/651/652	670	671	
			24/24 GA.	22/24 GA.	22 GA.	20 GA.	18 GA.	22 GA.	22 GA./Alum	Alum	Steel	
RSX®	1/2	Yes	100	81	168	169	132	N/A	All*	450	156	
RSX®	3/4	Yes	100	81	168	169	132	N/A	All*	500	215	
RSX®	1	Yes	100	81	168	169	132	N/A	All*	600	285	

Note: Door chart represents max. door height of 24ft., over 24ft high consult factory
 * Operator must be wall mounted.
 ** Must use the Auxiliary Input/Output Module part number OPABOX5 when used in conjunction with a Fire Sentinel®

RSX® advantages

Mounting

A wide variety of mounting options are available to fit any application including:

Sectional Doors: Standard, side mount, and dual trolley applications. 1/2 horsepower models available with or without brake (3/4 hp and 1 hp models come standard with brake). Side mount and center mount direct couple to the door shaft with or without hoist. Hoist models are left-hand or right-hand.

Rolling Steel Doors: With or without hoist, front of hood, top of hood, bench mount and wall mount. Hoist models are left-hand or right-hand.

Motor

Open drip-proof motor available in 1/2, 3/4 and 1 horsepower, single or three-phase. Totally enclosed non-ventilated (TENV) construction and totally enclosed fan cooled (TEFC) construction units, NEMA 4 and NEMA 4X are available as options.

On-board radio receiver

This standard feature can add radio functionality to every job with no additional cost for the receiver. Stores up to 250 CodeDodger® transmitters including the new commercial dual frequency cycling versions.

Drive reduction

Primary reduction is SuperBelt®, an auto tension poly-V flex belt that does not require adjustment. Secondary reduction is by chain and sprocket.

Direct coupling (optional on sectional doors only)

Provides fast, easy installation and prevents chain slacking. Available on sectional side/center mount jackshaft and hoist units.

Timed Close

Doors can be set to automatically close after a two second to five minute delay.

Mechanical brake system

24V DC Disc Brake. Fewer mechanical parts for improved reliability.

Clutch

Adjustable disc-type helps protect door and operator from major damage should the door meet an obstruction.

Cycle counter

LCD (liquid crystal display) clearly indicates the exact number of cycles logged for easy maintenance support.

Adjustable shaft

Output shaft can be moved from one side to the other, providing flexible installation options.

Trolley rail assembly

High strength 2 inch structural angle for added strength and durability.

NEMA 4/4X operators (optional)

Available for wet, dusty and corrosive environments.

CodeDodger® commercial dual frequency cycling transmitters (optional)



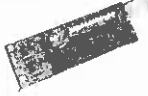

Available in 1, 2, 3, 4-button and Open/Close/Stop versions. Automatically operates at both 315 and 390 MHz every time a button is pressed.

Limited Warranty

RSX® operator features a 2-year or 20,000 cycle limited warranty. See installation manual for complete limitations and details.



Optional accessories

Accessory	Description
Transmitters 	<p>The RSX® operator features a built-in Radio Receiver System that can store up to 250 transmitters, giving the customer the ability to identify which transmitters have been operating the door. Radio transmitters may be single-button, two-button, three-button, four-button, or Open-Close-Stop. They are easily programmed or erased using the LCD display. The patented CodeDodger® technology cycles between 315 and 390 MHz with the touch of a button.</p>
Motors 	<p>The following motors are available when specified:</p> <ul style="list-style-type: none"> • Totally Enclosed Non Ventilated (TENV) • Totally Enclosed Fan Cooled (TEFC) • Environmental modifications: TENV, TEFC, NEMA 4 and NEMA 4X
Auxiliary modules 	<ul style="list-style-type: none"> • Timer to Close Module – provides auxiliary control inputs, auxiliary safety inputs auxiliary timer hold input, and an automatic door closing feature with a user- selectable time delay. Safety inputs can be enabled or disabled using the on board keypad. A sensing device must be used with this module. • Auxiliary Output Module – this plug-in module will provide several auxiliary sets of dry contacts that are microprocessor controlled. Outputs can be configured using the on-board keypad
Sensing devices 	<ul style="list-style-type: none"> • Bottom Sensing Edge – stops and reverses the door upon contact with an obstruction. • Safe-T-Beam® – senses an obstruction and signals the operator to stop or reverse the door.



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get the job done.

Architect's Corner

A resource for architects, containing comprehensive technical and resource materials to support your project, including drawings and specifications for commercial doors.

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The original, innovative choice for unequalled quality and service.

Overhead Door pioneered the upward-acting door industry, inventing the first upward-acting door in 1921 and the first electric door operator in 1926. Today, we continue to be the industry leader through the strength of our product innovation, superior craftsmanship and outstanding customer support, underscoring a legacy of quality, expertise and integrity. That's why design and construction professionals specify Overhead Door products more often than any other brand. Our family of over 400 Overhead Door Distributors across the U.S. and Canada not only share our name and logo, but also our commitment to excellence.



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Operational & Maintenance Manual

Products: ROLLING SERVICE DOOR / MODEL 620

Installation Site

TOWN BR. WWTP

Contractor

REPLACEMENT

Architect

REPLACEMENT

Distributor

Overhead Door Company of Eastern KY
389 Tollage Crk.
Pikeville, KY 41501



Overhead Door of Eastern KY

389 Tollage Crk

Pikeville, KY 41501

Dear Customer:

Thank you for choosing our company as your custom door installation specialist.

The Operation and Maintenance Manual, which is enclosed, has been supplied by Overhead Door Corporation to meet your needs as our customer. Appropriate information for the products installed has been compiled in this manual for your use. We recommend compliance with all of the safety information provided within the manual.

We strongly recommend implementing a preventative maintenance program. Benefits of properly maintaining your door system include:

- Increased operational efficiency and reliability.
- Extended useful life of your equipment.
- Increased probability of dependable equipment performance.
- Elimination of non-budgeted maintenance cost for door service.

As an Overhead Door distributor, we offer you complete product support for your service and maintenance needs. Do not hesitate to call us for assistance.

We hope that you will also continue to consider our company for your future product and installation needs. We are firmly committed to providing the finest in Overhead Door products, accessories, and a level of customer support unmatched in the industry.

Sincerely,

Overhead Door of Eastern KY



Operation & Maintenance Manual

Rolling Doors

Table of Contents

Section 1	General Information
Section 2	Preventive Maintenance
Section 3	Installation Instructions
Section 4	Warranty



GENERAL INFORMATION

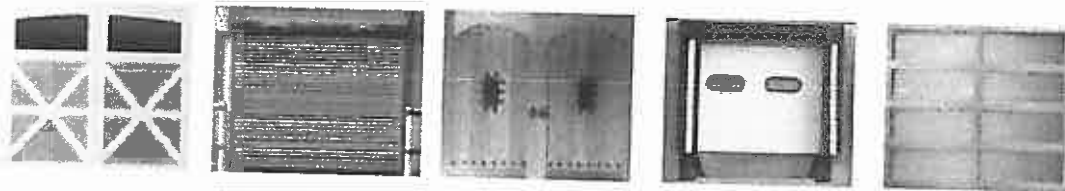


OVERHEAD DOOR CORPORATION

Overhead Door Corporation, based in Dallas, Texas, is a leading single-source manufacturer of integrated door and operator systems for commercial and residential applications.

Overhead Door is the door solutions provider that delivers expert service and the highest level of performance and reliability. Our comprehensive product line encompasses a wide variety of commercial door solutions including: commercial operators, commercial sectional and rolling service doors, advanced performance rolling doors, and security grilles.

With our nationwide network of more than 400 authorized distributors, we are a leading provider of overhead and garage door systems, and we continue to lead the way with reliable solutions and unmatched professional installation, service and support that keeps customers coming back. The brand trusted for over 90 years, Overhead Door gives home and business owners confidence and peace of mind.



To locate a distributor:

From the United States, call 1-800-929-3667 (DOOR)

International: 1-717-248-0131

<http://www.overheaddoor.com/Pages/distributor-locator.aspx>

Contact Information:

Overhead Door Corporation
2501 S. State Hwy. 121, Suite 200
Lewisville, TX 75067

Telephone: 1-800-275-3290

www.overheaddoor.com



PREVENTATIVE MAINTENANCE



BENEFITS OF PREVENTATIVE MAINTENANCE PROGRAM

- **Increase operational efficiency, safety and reliability**
- **Extend useful life of your equipment**
- **Reduce probability of equipment malfunctioning**
- **Decrease costly downtime**
- **Decrease long-term repair expense**
- **Priority scheduling for service**
- **Establish relationship with experienced, service-oriented professionals**



TROUBLESHOOTING GUIDE FOR ROLLING SERVICE DOORS

1. DOOR IS HARD TO RAISE BUT EASY TO LOWER.

SOLUTION: Springs require more turns. Raise door to fully opened position and add spring tension (1/8 turn at a time) until the same resistance is felt lowering the door as is felt raising the door. Adjust tension wheel with steel winding bars 3' long and diameter 1/2" or 3/4".

2. DOOR IS HARD TO LOWER BUT EASY TO RAISE.

SOLUTION: Springs require fewer turns. Raise door to fully opened position and remove spring tension (1/8 turn at a time) until results listed in example 1 are achieved.

3. DOOR HANGS UP AT ENTRANCE INTO GUIDES.

SOLUTION:

- Bellmouths might be out of position away from the headplate allowing endlocks to wedge. Loosen attachment nut and locate edge of bellmouth snug against headplate and tighten.
- Endlocks might have become loose and tilted out of position. Drill out loose fasteners and reattach with suitable fastener.
- Curtain might have been bent and damaged enough to wedge in guides. In some cases the bellmouths can be removed from the guide entrance and the curtain lowered outside of the guides and straightened. Be careful not to allow curtain to rapidly unwind off the counterbalance.

4. ELECTRIC OPERATOR STOPS TOO SOON; DOES NOT REACH THE OPEN OR CLOSED POSITION.

SOLUTION: Operator limit switch setting has become out of phase with the door. Reset the limit switches. See operator installation instructions for method of resetting limits.

5. OPERATOR DOES NOT RUN.

SOLUTION:

- Verify that electric power is available to the operator.
- Verify 24 VAC control voltage from operator transformer.
- Verify condition of hoist interlock switch.
- Verify condition of slidebolt interlock switch.



RECOMMENDED PREVENTATIVE MAINTENANCE

To keep door in good working condition:

Every three months¹

- Oil all moving parts except the clutch mechanism on fire doors and the wool pile in the guides on rolling grilles or counter doors. The guides should be lubricated with a paste wax or silicone spray.
- If electrically operated, check the operator gear reducer for oil leakage. If it is necessary to add oil, use Mobile Synthetic Oil (AGMA 7 #SHC 75W90).
- Check the tension of the roller chain between the operator and the door sprocket (see Figure A). If too loose, loosen the operator mounting bolts and slide the operator to tighten the chain (see Figure B). Retighten the operator mounting bolts.
- Oil the interior roller chain on operators without gear reducer.

Every six months¹

- Oil all exposed roller chains, and on electric operators, dry lube the limit switch shaft threads.
- All bearings provided with grease fittings should be lubricated. If so equipped, find bearings located in the drive bracket and tension end of the counterbalance.
- Fire doors should be drop tested unless more frequent testing is required by other codes. Always use the Drop Test Instructions located inside the tension headplate cover.
- On crank operated doors and grilles, the crank assemblies are sealed with grease and should not require lubrication.

¹ The above frequency of maintenance is for normal operation. Severe duty or unusual operating conditions may require modification of the times between maintenance.

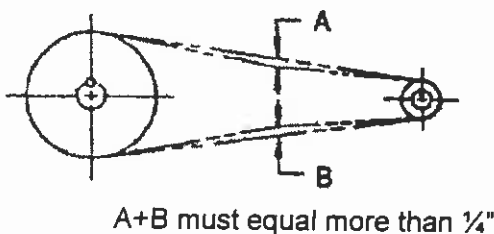


Figure A

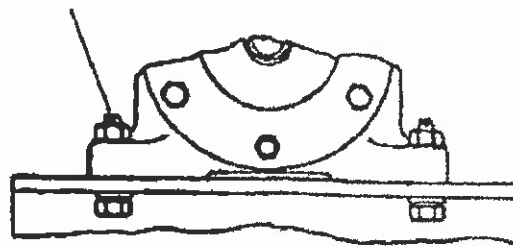


Figure B



SCOPE OF WORK FOR ROLLING DOORS AND ELECTRIC OPERATORS

ROLLING DOORS:

- 1) Inspect door alignment and level.
- 2) Inspect slats and endlocks for damage.
- 3) Inspect guides, bottom bar and hood for damage.
- 4) Inspect all weather-stripping for wear or damage.
- 5) Adjust spring and lubricate bearings.
- 6) Inspect and tighten fasteners.
- 7) Inspect and lubricate chain hoist.
- 8) Inspect locks for proper operation.
- 9) Inspect and tighten all sprockets and shaft collars.
- 10) Inspect safety labels, placement and condition.

ELECTRIC OPERATORS:

- 11) Inspect and adjust limit switches.
- 12) Inspect and adjust belts.
- 13) Inspect and adjust brake.
- 14) Inspect gear reducer.
- 15) Inspect operator mounting.
- 16) Inspect and test disconnect.
- 17) Inspect and lubricate roller chain.
- 18) Inspect and tighten all sprockets.
- 19) Inspect safety labels, placement and condition.

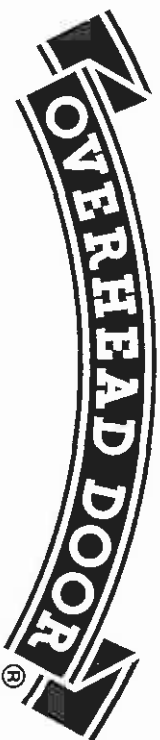
ROLLING FIRE DOORS:

- 20) Inspect fuse links and replace painted fuse links.
- 21) Drop test door for proper operation.
- 22) Check that door is properly reset.
- 23) Test electric fusible links for continuity (where applicable).
- 24) Test smoke detector (where applicable).
- 25) Test hold-open devices and time delays (where applicable).
- 26) Inspect safety labels, placement and condition.



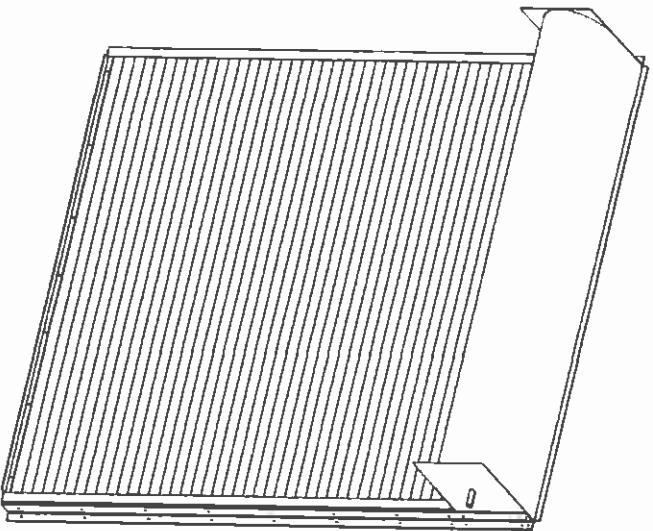
INSTALLATION INSTRUCTIONS

The Genuine. The Original.



Installation Instructions for

ROLLING SERVICE DOOR



Series
610/620/625

Contents

Warnings & Safety Information.....	2
Key Drawing	3
Door Installation Data Sheet	4
Pre-Installation Checks & Tasks	5
Installation.....	6-12

This installation manual provides the owner or service person information required to install, troubleshoot and maintain a Rolling Service Door.

READ COMPLETE INSTRUCTIONS BEFORE INSTALLING DOORS.

This document also refers to the following other documents or specifications;

- Expansion Anchor Requirements 307390
- Installation Instructions, Cast Gear Drive Chain Hoist 308042
- Chain Hoist Assemblies and Operation 300951

SAFETY INFORMATION

OVERVIEW OF POTENTIAL HAZARDS

READ THIS SAFETY INFORMATION

Overhead doors are large, heavy objects that move with the help of springs under high tension and electric motors. Since moving objects, springs under tension, and electric motors can cause injuries, your safety and the safety of others depend on you reading the information in this manual. If you have questions or do not understand the information presented, call your nearest trained door system technician.

In this section, and those that follow, the words Danger, Warning, and Caution are used to emphasize important safety information. The word:

▲ DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

▲ WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

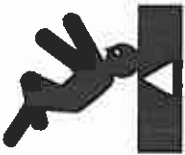


▲ CAUTION indicates a potentially hazardous situation which, if not avoided, may result in injury or property damage.

The word **NOTE** is used to indicate important steps to be followed or important considerations.

IMPORTANT SAFETY INSTRUCTIONS

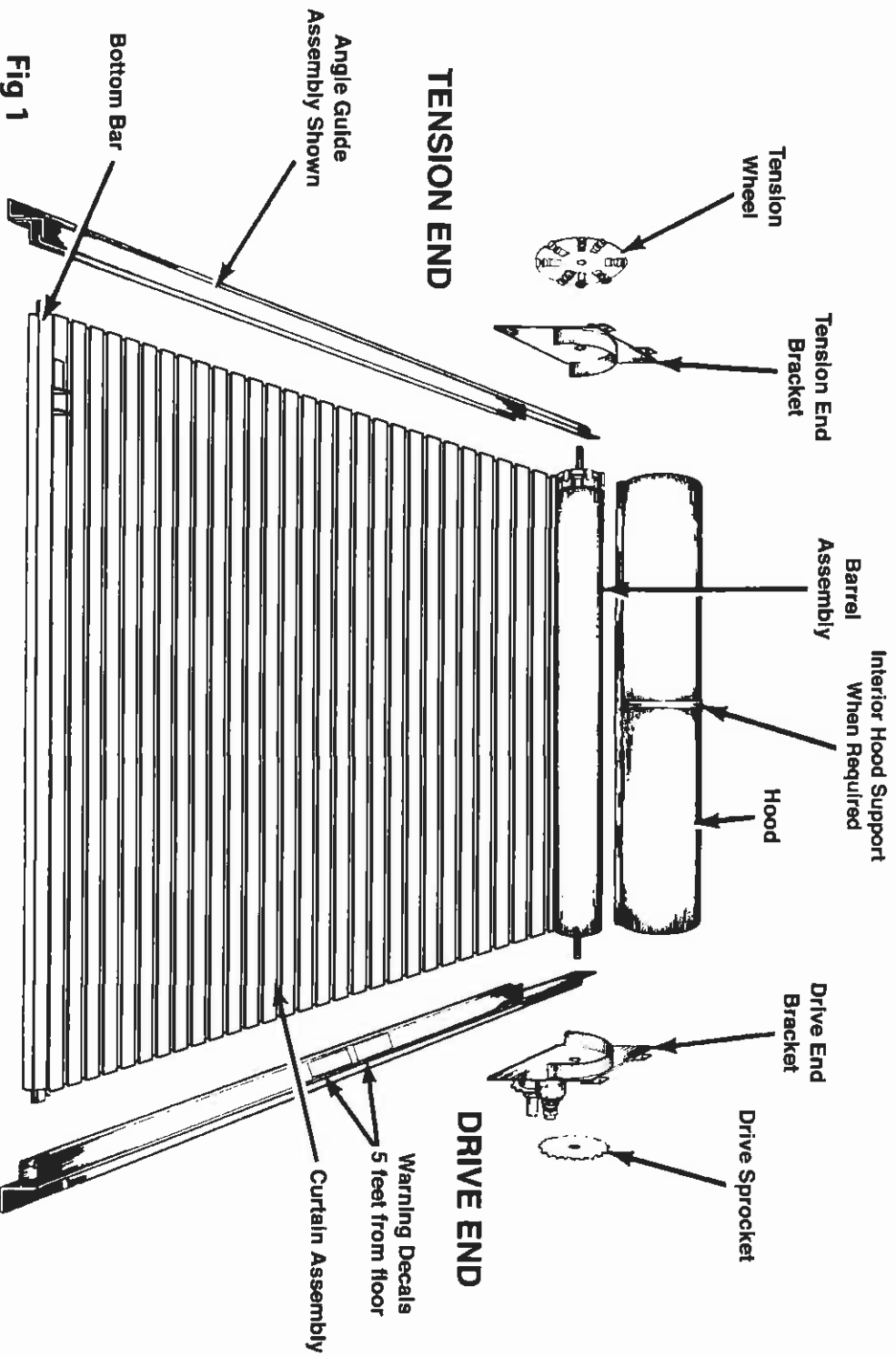
READ AND FOLLOW ALL INSTRUCTIONS

SAVE THESE INSTRUCTIONS

Potential Hazard	Effect	Prevention
 MOVING DOOR	▲ WARNING Could result in Death or Serious Injury	Keep people clear of opening while Door is moving. Do NOT allow children to play with the Door Operator. Do NOT operate a Door that jams or one that has a broken spring.
 ELECTRICAL SHOCK	▲ WARNING Could result in Death or Serious Injury	Turn OFF power before removing operator cover. When replacing cover, make sure wires are NOT pinching or near moving parts. Operator must be fully grounded.
 HIGH SPRING TENSION	▲ WARNING Could result in Death or Serious Injury	Do NOT try to remove, install, repair or adjust springs or anything to which door spring parts are fastened, such as, wood blocks, steel brackets, cables or other like items. Installations, repairs and adjustments must be done by a trained door system technician using proper tools and instructions.

Key Drawing

Rolling Service Door with parts.
 Right hand door is illustrated. In a left hand door the barrel and both brackets are reversed. Guides for masonry jambs shown.



Please note that components and component locations are shown here for REFERENCE ONLY. Your unit installation and component locations may be different.

Door Installation Data Sheet

A sample of the "DOOR INSTALLATION DATA" sheet is shown here. Locate the work order "Door Installation Data" sheet inside the door hardware box. You will need to refer to the "Door Installation Data" sheet. See Figure 2.
 Factory order number on door components must match with factory order number on the "Door Installation Data" sheet. Each door has its own individual sheet.

```

W.O./Parent:
Item Number:
Customer . . .
Status . . .
FAX:

** W O R K O R D E R **
*****
Related SO . . .
HARDWARE
ply.

Job . . .
Drawing # . . .
P.O. # . . .
Plant . . .
Lot # . . .
Start Dt . . .
Req D. . .
CONFIGURED

WALL OPENING : WIDE X HIGH PRDCT: 2 1 1 E : GAUGE : WINDLOAD : 20
GUIDE TYPE : GUIDE ENTRY TYPE : DRIVE SIDE : DRIVE NO. :
BOTTOM BAR TYPE: BBAR MATL.: BBAR FINISH :
DOOR MOUNT : WALL MOUNT : OPERATION :
*** DOOR SERIES : ***
***** HARDWARE STALLS *****
BBAR WEATHERSTRIP :
ABBV/COLOR :
    
```

DOOR IN . . . ATION DATA:

DOOR SERIES :	WALL OPENING WIDTH	WALL OPENING HEIGHT	G U I D E	S REFERENCE	HAND DRIVE	OPERATION TYPE
INITIAL TURNS	TOTAL TURNS	RELEASE TURN	DR. %	CURTAIN/BOTTOM BAR WT.	COUNTERBALANCE WEIGHT	
GUIDE GAP	GUIDE CONFIG	MOUNT G				

Messages

Fig 2

Pre-Installation Check List

Verify that the door installation can be accomplished before proceeding:

- Locate the work order "DOOR INSTALLATION DATA" sheet, see Figure 2, inside the door hardware box.
- Does the wall opening match the Opening Width and Height shown on the "Door Installation Data" sheet and Figure 3?
- Are the guides you received suitable for the jambs? Compare the guides type shown on the "Door Installation Data" sheet with Figure 4.
- Can the guides be installed plumb?
- Check the sill for level. If sill is not level, mark the high sill location on the low side jamb.

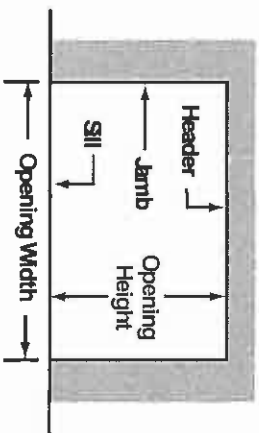


Fig 3

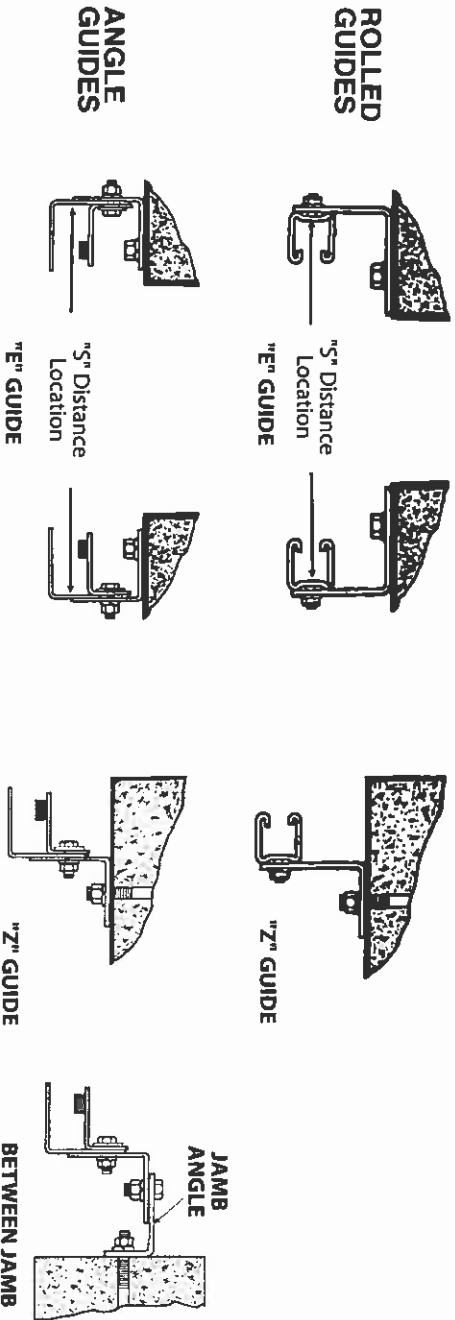


Fig 4

Pre-Installation Task

If you plan to use the sling method to wrap the curtain onto the barrel, and if the inside/outside angles are flared, then remove the angles from the wall angle at this time. They will be bolted to the wall angle in Step 10 after the curtain installation is complete. The Guide Gap must be set to the dimension shown on the "Door Installation Data" sheet. See Figure 6.

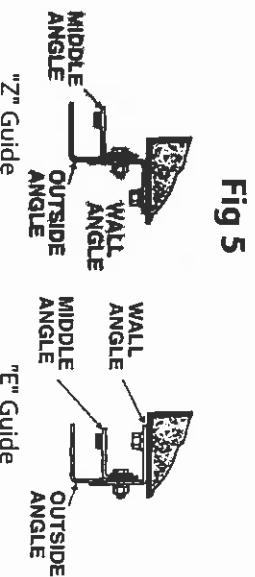


Fig 5

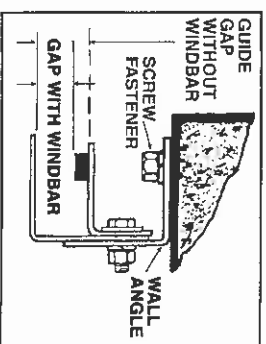


Fig 6

Install

STEP 1

INSTALL GUIDE ASSEMBLIES

- Locate the guide assemblies such that the "S" distance exists between the guides as shown in Fig 4 on page 5.
- The "S" dimension is shown under "S REFERENCE" in Fig 2 on page 4.
- Both guides MUST be on a level line and both guides MUST be plumb.
- The "S" distance must be held within 1/8" over the entire height of guides.

MASONRY JAMBS

Hold "Z" guide, or wall angle, or jamb angle against wall and drill mounting holes through the slots using drill size shown below.

Install jamb fasteners on one guide. Additional installation instruction 308577 available at odcexchange.com Recheck "S" distance, and continue with installation.

STEEL JAMBS – Screw Attachment Option

Hold "E" guide wall angle against steel jamb and mark the spot to be drilled, or hold wall angle or jamb angle against steel jamb and drill holes through the slots using drill size shown below. Install all jamb fasteners on one guide. Recheck "S" distance and continue

JAMB	FASTENER	DRILL SIZE	JAMB FASTENER SPECIFICATIONS
Steel	3/8" Self-Tap Screw 1/2" Bolt 5/8" Bolt	11/32" Dia. 27/64" Dia. 17/32" Dia.	Steel jambs must be minimum 3/16" thick
Concrete	3/8" Wedge Anchor 1/2" Wedge Anchor 5/8" Wedge Anchor	3/8" Dia. 1/2" Dia. 5/8" Dia.	Drill holes at least 4 inches from jamb corner per Overhead Door Instruction 308577 available at odcexchange.com
Filled Block	3/8" Expansion Bolt 1/2" Expansion Bolt	3/8" Dia. 1/2" Dia.	
Wood	3/8" Lag Screw	1/4" Dia.	Drill hole 3" deep
Unfilled Block	3/8" Thru Bolt 1/2" Thru Bolt 5/8" Thru Bolt	7/16" Dia. 9/16" Dia. 11/16" Dia.	Install 3" O.D. steel washer on opposite side of wall

Fastener Table

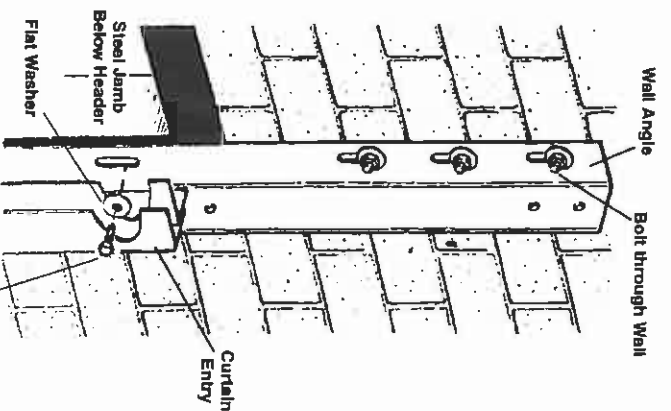


Fig 7

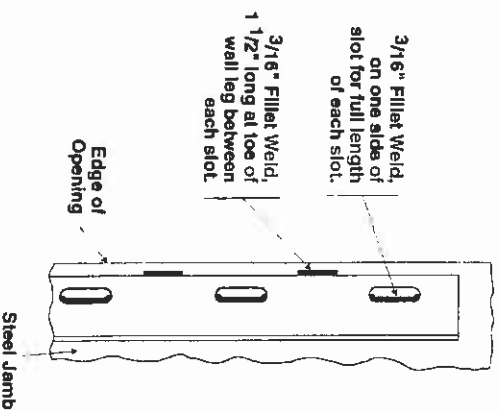


Fig 8

with installation.

STEEL JAMBS – Weld Attachment Option

Hold "E" guide wall angle against steel jamb and tack weld wall angle (jamb angle) in place. Recheck "S" distance before proceeding. Apply vertical welds as shown in Fig 8 using electrodes E6010, E6011 or E7014. (Fig 8 is shown without the middle and outside angles attached.)

NOTE: When steel jamb does not extend above the opening, use three thru-bolts to fasten each wall angle above the opening. See Figure 7.

STEP 2

LINTEL INSTALLATION

- If lintel baffle is required, install baffle using 1/4" fasteners suitable for the wall material (wood, masonry, steel). Install per Figure 9 with brush aligned 1" above top of guide middle angle.

STEP 3

IDENTIFY HEADPLATE BRACKETS

Right Hand Drive shown; Left Hand Drive is opposite. See Figure 10.

STEP 4

GEAR DRIVE HEADPLATE:

NOTE: Install gear hoist mounting bolts in headplate **AT THIS TIME**; see Overhead Door Instructions 308042.

STEP 5

IDENTIFY BARREL ASSEMBLY DRIVE END

Right hand drive shown in Figure 11; left hand drive is opposite.

Look for an "R" for right hand drive or an "L" for left hand drive stamped on the end of the drive shaft.

SPRING CONFIGURATION—See Figure 12.

- Left hand drive configuration has end of spring pinned to barrel near tension end.
- Right hand drive counterbalance has end of spring pinned to barrel several feet from tension end.
- At tension end of barrel the bearing assembly may be pinned to the barrel as shown in Figure 12, or the bearing assembly may be welded into end of barrel.

▲ WARNING

Counterbalance damage could allow curtain to close rapidly which could result in death or serious injury. A right hand drive headplate must be used with right hand barrel assembly to prevent damage; left hand drive headplate and left hand barrel must also match.

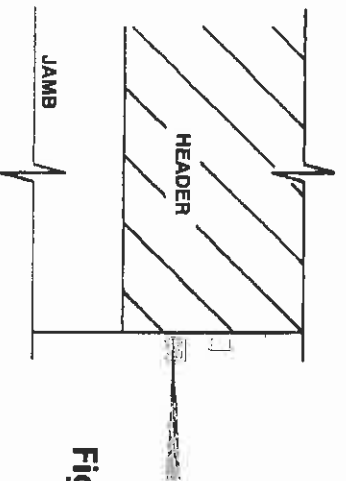


Fig 9

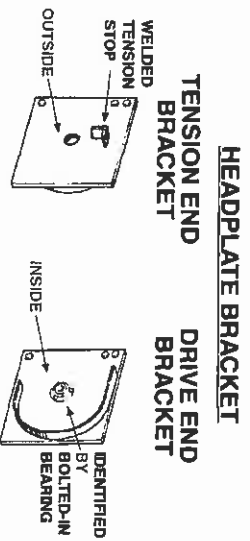


Fig 10

BARREL ASSEMBLY

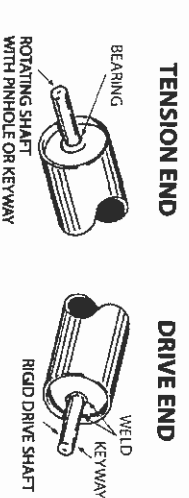


Fig 11

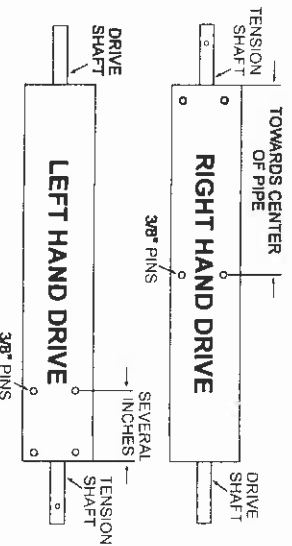


Fig 12

STEP 6

BARREL AND HEADPLATE BRACKETS

- Slide drive end of barrel assembly through drive bracket bearing and tension end through tension bracket.
- Install set collars on shafts on outside of headplate brackets.
- When a hole is in the tension shaft, no set collar is used on tension shaft because the tension wheel must rest against tension headplate bracket.
- Secure tension wheel to tension shaft using a key or a pin as shown in Figure 13. The pin must fully engage the tension wheel which is against the tension headplate bracket.
- The distance between the headplate brackets should be the "S" dimension on the "Door Installation Data" sheet shown on Figure 2 on Page 4.

⚠ CAUTION

Use proper lifting equipment and correct lifting procedure to avoid injury.

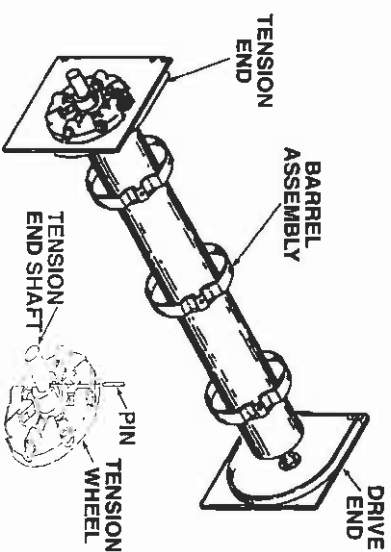


Fig 13

STEP 7

LIFT HEADPLATE BRACKETS AND BARREL AND BOLT THEM TO GUIDE WALL ANGLES

- Use hex bolts to fasten headplate brackets to the inside of guide wall angle.
- Bolt heads must be on the inside of the headplate brackets. See Figure 14.
- Headplate brackets must be square to the wall and parallel.
- Use a level to make sure the barrel is level.
- Center the barrel between the headplate brackets with tension wheel against the outside of tension bracket and with set collar against outside of drive bracket. This will prevent barrel from moving sideways.
- Two set collars are required for drive headplate with cast flange bearing.
- Headplate brackets may have two or three mounting slots. Put flat steel washer under bolt head and under nut.

STEP 8

DRIVE HEADPLATE ASSEMBLY

Complete the installation of drive components.
See Overhead Door 308042 for gear drive.
See Overhead Door 300951 for chain and sprocket.

⚠ WARNING

The use of electric operator during installation of the door could result in death or serious injury. Do not connect power to electric operator until door installation is complete including hood and covers.

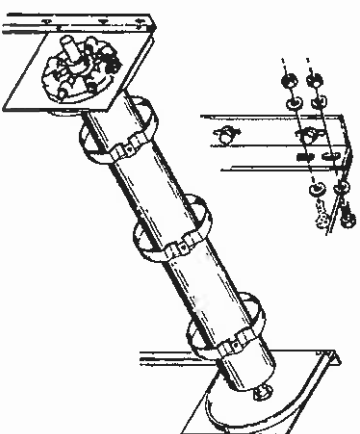


Fig 14

STEP 9
INSTALLATION OF CURTAIN
 See Figure 15

- The Sling Method is recommended because rolling the curtain onto the barrel assembly on the floor can cause curtain damage.
- Sling Method requires flared guide angles to be removed at this time.
- Suspend the curtain below the barrel on two or more slings or ropes rated for the weight of the curtain shown on the "Installation Data" sheet.
- Fasten the top slat to sling/rope and rotate the barrel to bring the Top Slat into place.
- Center the curtain between the headplate brackets with pinned tension wheel against the headplate.
- If the barrel has rings, hold the top slat on the rings and make holes in the top slat aligned with holes in rings. Use drill/driver to attach top slat to rings with 3/8" round head Torx screws and washers provided. Set the drill/driver clutch to minimum torque required to drive screws. **DO NOT USE IMPACT WRENCH** because it will strip the screw threads in rings. See Figure 17.
- If the barrel has studs, the top slat will have slots to attach to barrel. Hook curtain over studs and fasten with 5/16" round head screws and washers and TWO clamp washers provided. See Figure 16.

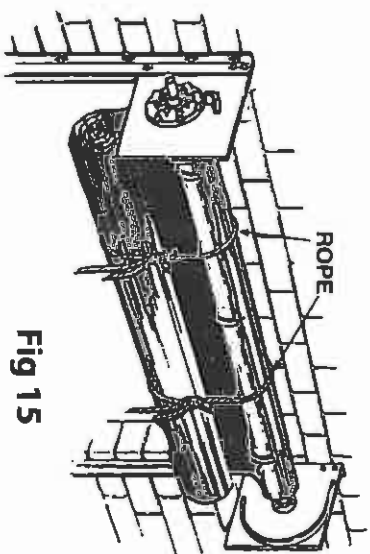


Fig 15

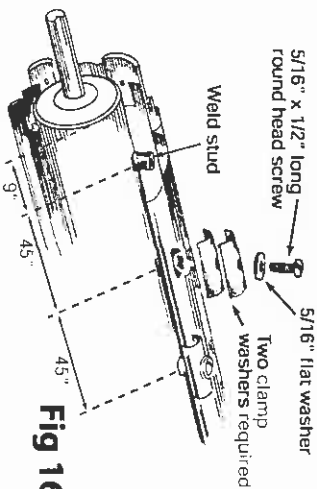


Fig 16

▲ WARNING

Rapidly closing curtain could result in death or serious injury. Use slings/ropes and locking pliers on both guides to keep curtain in the open position until spring tension is applied to the barrel assembly.

STEP 10
COMPLETE CURTAIN INSTALLATION

- Coil curtain completely onto barrel.
- If guides are flared, then bolt middle and outside angles to the wall angles as shown in Fig 5 on page 5. The guide gap must be set as shown in Fig 6 on page 5. Find the GUIDE GAP dimension on the "DOOR INSTALLATION DATA" sheet, see Fig 2 on page 4.
- Place locking pliers on LH & RH guides at 2 to 3 inches below the top of the guides as shown in Fig 18.
- Create enough slack in the sling/rope so the curtain can be lowered into the guides and rest on the locking pliers.

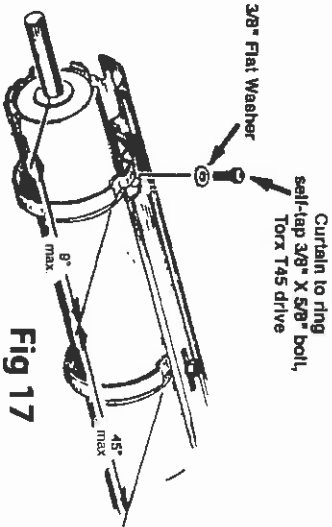


Fig 17

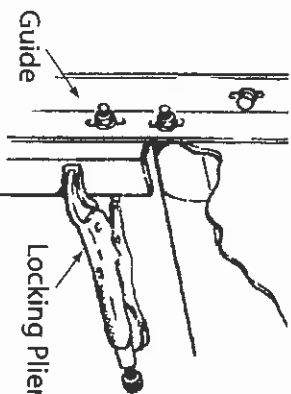


Fig 18

▲ WARNING

Tension wheel is under high spring tension and could spin rapidly which could result in death or serious injury. Door must be open when adjusting spring tension. Use two winding bars 1/2" diameter steel rod, 2 to 3 feet long.

STEP 11

LOCK THE DRIVE

Using one or more of the options in this step:

- Clamp locking pliers on the drive sprocket or gear with the end of the pliers against the wall or lintel.
- Secure the hand chain on the mounted chain keeper.
- Lock the crank handle.

STEP 12

INSTALL CURTAIN STOPS

- In guides are not flared, install bellmouth stops on guides as shown in Fig 19b. Be certain that the back of the bellmouth is flush against the headplate before the nuts are tightened.
- If the guides are flared, slide each stop bar into the channel welded on the guide and install 3/8" cap screw per Fig 19a.

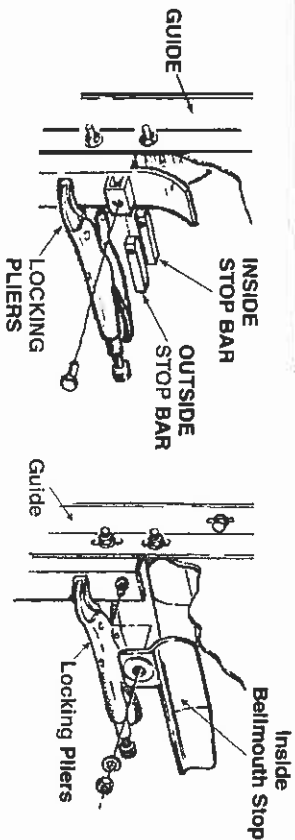


Fig 19a

Fig 19b

STEP 13

APPLY INITIAL TENSION—Right hand drive shown, left hand opposite:

- Wind Tension Wheel in the direction shown in Figure 20.
- Apply the Initial Turns shown on the tension headplate decal and on the "Installation Data" sheet.
- After proper tension is applied, install the tension pin into the tension wheel adjacent to the tension stop. Use two winding bars to allow the tension wheel to rotate until the pin is against the tension stop. See Fig 20.
- If reduction tension headplate assembly is required the factory will provide an Installation Instruction sheet.

STEP 14

CLEAR RESTRAINTS

- Remove the drive shaft lock procedure(s) installed in Step 11.
- Remove slings or ropes.
- Remove the locking pliers from the guides.
- Clear the area in path of closing door.

STEP 15

BEGIN TESTING

- Close and open the door five (5) times and evaluate the tension adjustment.
- A rolling door should snap into the head and barely tend to rise off the floor. It will also fall through the middle of its height.
- Large doors may require a 35 lbs. pull to raise with hand chain. A chain pull of up to 35 lbs. is permissible.

NOTE: Instruct customers to use both hands to control both hand chains during the closing operation.

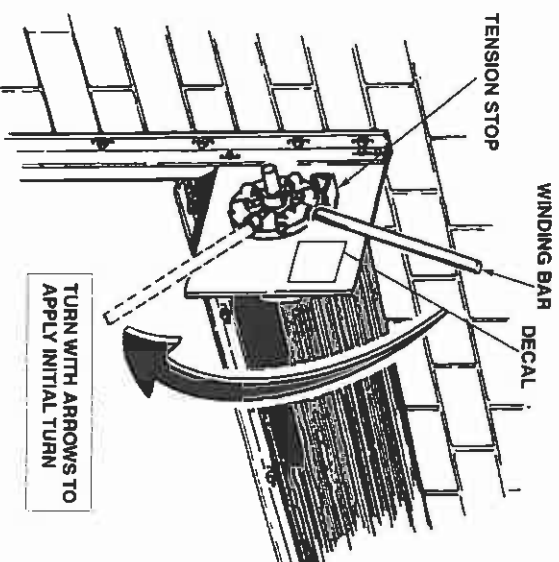


Fig 20

STEP 16

ADJUST TENSION WITH DOOR IN FULLY OPEN POSITION

- Use two winding bars to adjust tension one notch at a time to increase or decrease torque as required.
- Use locking pliers on guides during adjustment process.

STEP 17

FINAL CHECK (to be completed before installing the hood)

- Verify through entire travel of the door that the endlocks or windlocks on the end of the curtain are not rubbing the headplate brackets. Operate door several times to check for problems.
- Check that the bottom bar is level in full down and full up positions and that curtain is not binding against back of guide.
- If curtain is level at bottom and not level at top, put shims between curtain and barrel on the low side.
- The guides may be lubricated with a paste wax or silicone spray. **DO NOT USE GREASE.**
- Verify good mechanical connection and tightness of fasteners, e.g., guides, headplates, set screws and roller chain link.

STEP 18

HOOD INSTALLATION

- If hood supports are provided, snap a line across top of headplate brackets on the wall. Measure length of hood sections and locate hood support so the hood splice will fall on center of support.
- For exterior applications, a bead of caulk may be applied between the mating surface of the hood and the exterior wall in order to seal the hood. (Caulk not provided.)
- Attach hood to hood bands on headplate brackets (and to supports if provided) by drilling a 7/32" hole through hood and band. Then secure with 1/4" dia. x 3/8" long self-tapping screws (four per bracket and four per support). See Figures 21 and 22.

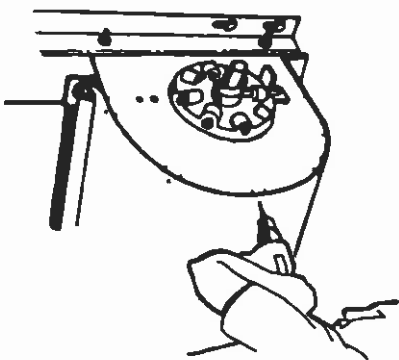


Fig 21

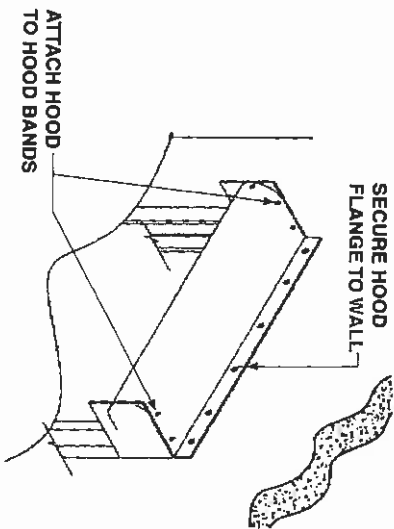


Fig 22

STEP 19

PRODUCT SAFETY INSTRUCTIONS

The door installer has the following responsibilities:

- Find labels in hardware box.
- Attach Product Safety Label 301603 as directed on label.
- Attach Hand Chain Safety Label 308126 to wall at eye level adjacent to hand chain, when applicable.
- Demonstrate to the door user the correct way to control the closing speed of the rolling door with crank, hand chain or push-up operation; show that two hands should be used to control the hand chain.
- Inform the door user about the following requirements from ANSI Z535.4: "Product safety labels should be periodically inspected and cleaned by the product user as necessary to maintain good legibility." The product user should order replacement safety labels from the door manufacturer as required to maintain legibility.
- Electric operators must be installed on the door in accordance with the instructions from the manufacturer of the operator.
- Doors with sensing edge must have Safety Label 607873 attached to the bottom bar and at eye level on the drive side guide or jamb.

STEP 21

CHAINKEEPER

- Attach to wall or door guide assembly. Instruct door users to wrap hand chain as shown in Figure 24.

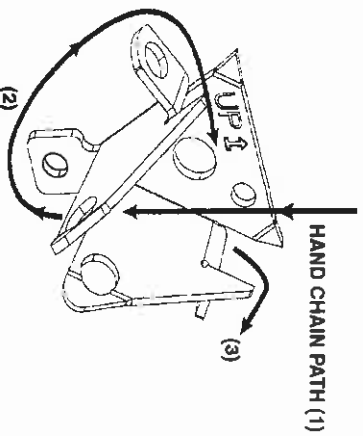



Fig 24




WARNING

MOVING door could result in death or serious injury

Do NOT close door until doorway is clear.

SAFETY INSTRUCTIONS

- Pull handchain slowly and steadily. DO NOT exceed 35 pounds of pulling force.
- Maintain control of hand chain as the door opens and closes.
- DO NOT release control of hand chain until door is fully open or fully closed.
- Should the hand chain pull force exceed 35 pounds, contact a trained door system technician for door repair and adjustment as soon as possible.
- Secure hand chain in chain keeper after opening door.
- Attach this label to wall next to hand chain.
- DO NOT remove, cover, or paint over this label.




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07/31/2008

308126-0001

Fig 23



WARNING

MOVING door could result in death or serious injury

Do NOT close door until doorway is clear.


SAFETY INSTRUCTIONS

1. Control the closing speed of crank, hand chain or push-up operated doors.
2. Do NOT stand or walk under door while door is moving.
3. Keep doorway clear and in full view while operating door.
4. Do NOT allow children to operate door.
5. Unhook door before opening door.
6. Motor operated doors with sensing edge should be tested frequently.
7. Doors that do not open or close must be repaired by a trained door system technician.

Place label at a readable height on door drive side guide or jamb.

Do NOT remove, cover, or paint over label.

Product user should inspect this label periodically for legibility and should order a replacement label from the door manufacturer as needed.



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10/18/07

301603-0003



WARRANTY

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**Rolling Service Doors Series 600, 610, 620, 625
Limited Warranty**

Overhead Door Corporation ("Seller") warrants to the original purchaser of the Series 600, 610, 620, 625 Rolling Service Doors ("Product"), subject to all of the terms and conditions hereof, that the Product and all components thereof will be free from defects in materials and workmanship under normal use for the following period(s), measured from the date of installation:

- **TWENTY FOUR (24) MONTHS ON ALL PARTS AND COMPONENTS**

Seller's obligation under this warranty is specifically limited to repairing or replacing, at its option, any part which is determined by Seller to be defective during the applicable warranty period. Any labor charges are excluded and will be the responsibility of the purchaser.

This warranty is made to the original purchaser of the Product only, and is not transferable or assignable. This warranty applies only to Products, which are installed in commercial or industrial building applications. This warranty does not apply to any unauthorized alteration or repair of the Product, or to any Product or component which has been damaged or deteriorated due to misuse, neglect, accident, failure to provide necessary maintenance, normal wear and tear, or acts of God or any other cause beyond the reasonable control of Seller.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SELLER BE RESPONSIBLE FOR, OR LIABLE TO ANYONE FOR, SPECIAL, INDIRECT, COLLATERAL, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES, even if Seller has been advised of the possibility of such damages. Such excluded damages include, but are not limited to, loss of goodwill, loss of profits, loss of use, cost of any substitute product, interruption of business, or other similar indirect financial loss.

Claims under this warranty must be made promptly after discovery, within the applicable warranty period, and in writing to the Seller or to the authorized distributor or installer whose name and address appear below. The purchaser must allow Seller a reasonable opportunity to inspect any Product claimed to be defective prior to removal or any alteration of its condition. Proof of the purchase and/or installation date, and identification as the original purchaser, may be required.

ORIGINAL PURCHASER _____

INSTALLATION ADDRESS _____

SELLER _____

SELLER'S ADDRESS _____

FACTORY ORDER #: _____

DATE OF INSTALLATION: _____

SIGNATURE OF SELLER: _____



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