

QUICK START GUIDE

Models: 216, 220, 2415, 2411, C-20, C-24, C-2400, CX-2400, CX-2400, CX-24, CX-20

COMMERCIAL DOORS

STANDARD LIFT

TORSION SPRING

AFTER INSTALLATION IS COMPLETE, LEAVE THIS QUICK START GUIDE WITH THE HOMEOWNER, OR FASTEN IT NEAR GARAGE DOOR FOR EASY REFERENCE.

All Installation documents are available at no charge from:

• Your local Wayne Dalton® Sales Center

• Online at **<u>www.Wayne-Dalton.com</u>**. See the links provided on Page 3.

• By mailing a request to: Wayne Dalton, a division of Overhead Door Corporation, P.O. Box 67, Mt. Hope, OH., 44660

PLEASE DO NOT RETURN THIS PRODUCT TO THE STORE

If you need assistance, please call 1-866-569-3799 (press Option 1).

Scan this QR code for Existing Door Removal / Opening Preparation Instructions.



IMPORTANT NOTICES!

This Quick Start Guide provides basic Operation and Maintenance information. Full installation, adjustment, and operation instructions are available in the Detailed Owner's manual. Carefully read and fully understand the Detailed Owner's Manual before installing and operating the garage door. The Detailed Owner's Manual is available online. See the links provided on Page 3. Pay close attention to all warnings and notes.

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WARRANTY ©Copyright 2025 Wayne Dalton, a division of Overhead Door Corporation	Part Number	610062.0001	9 NEW 00/00/2025				

OPERATION

DANGER

EXTREME CAUTION SHOULD BE USED WHEN WINDING SPRINGS AS FAILURE TO FOLLOW THE INSTRUCTIONS OR USE THE PROPER TOOLS CAN LEAD TO SERIOUS INJURY TO PERSONS AND PROPERTY. BEFORE ATTEMPTING TO WIND THE SPRING, MAKE SURE YOU HAVE READ AND UNDERSTAND THE INSTRUCTIONS. IF YOU ARE UNCLEAR ON ANY ASPECT OF THE INSTALLATION PROCEDURES, YOU SHOULD CONSULT A TRAINED DOOR SYSTEMS TECHNICIAN.

WARNING

TO PREVENT DEATH OR SERIOUS INJURY WHILE OPERATING THE DOOR, ENSURE THE PATH OF THE DOOR IS NOT OBSTRUCTED BY ANY PERSON OR OBJECT AND ADHERE TO THE FOLLOWING SAFETY MEASURES.

• OPERATE DOOR ONLY WHEN IT IS PROPERLY ADJUSTED AND FREE FROM OBSTRUCTIONS.

• IF A DOOR BECOMES HARD TO OPERATE, INOPERATIVE OR IS DAMAGED, IMMEDIATELY HAVE NECESSARY ADJUSTMENTS AND/ OR REPAIRS MADE BY A TRAINED DOOR SYSTEM TECHNICIAN USING PROPER TOOLS AND INSTRUCTIONS.

• DO NOT STAND OR WALK UNDER A MOVING DOOR, OR PERMIT ANYBODY TO STAND OR WALK UNDER AN ELECTRICALLY OPERATED DOOR.

• DO NOT PERMIT CHILDREN TO OPERATE GARAGE DOOR OR DOOR CONTROLS. SEVERE OR FATAL INJURY COULD RESULT SHOULD THE CHILD BECOME ENTRAPPED BETWEEN THE DOOR AND THE FLOOR.

• VISUALLY INSPECT DOOR AND HARDWARE MONTHLY FOR WORN AND OR BROKEN PARTS. CHECK TO ENSURE DOOR OPERATES FREELY. TEST ELECTRIC OPENER'S SAFETY FEATURES MONTHLY, FOLLOWING OPENER MANUFACTURER'S INSTRUCTIONS.

• NEVER HANG TOOLS, BICYCLES, HOSES, CLOTHING OR ANYTHING ELSE FROM HORIZONTAL TRACKS. TRACK SYSTEMS ARE NOT INTENDED OR DESIGNED TO SUPPORT EXTRA WEIGHT.



DO NOT PLACE FINGERS OR HANDS INTO SECTION JOINTS WHEN OPENING AND/OR CLOSING A DOOR. ALWAYS USE LIFT HANDLES/SUITABLE GRIP-PING POINTS WHEN OPERATING THE DOOR MANUALLY.

Potential Hazard	Effect	Prevention
À	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
Moving door		Opener. Do NOT operate a Door that jams or one that has a broken spring.
High tension spring	DANGER Will 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.

IMPORTANT: RIGHT and LEFT hand is determined inside the building looking out.

USING A GARAGE DOOR OPENER:

Before you begin, read all warning labels affixed to the door and the installation instructions and owner's manual. Full installation, adjustment, and operation instructions are available in the Detailed Owner's manual. The Detailed Owner's Manual is available online. See the links provided on Page 3. When correctly installed, your Wayne Dalton[®] door will operate smoothly. Always operate your door with controlled movements. Do not slam your door or throw your door into the open position, this may cause damage to the door or its components. If your door has an electric opener, refer to the owner's manual to disconnect the opener before performing manual door operation below.

MANUAL DOOR OPERATION:

For additional information on manual garage door operation go to **www.dasma.com** and reference TDS 165.

OPENING A DOOR: Make sure the locks (if present) are in the unlocked position. Lift the door by using the lift handles/suitable gripping points only. Door should open with little resistance.

CLOSING A DOOR: From inside the garage, pull door downward using lift handles/ gripping points only. If you are unable to reach the lift handles/suitable gripping points only, use pull-down rope (if present) affixed to the side of door. Door should close completely with little resistance.

USING AN ELECTRIC OPERATOR:

IMPORTANT: If present, Pull-down rope must be removed and locks must be removed or made inoperative in the unlocked position.

When connecting a drawbar (trolley-type) garage door opener to this door, a drawbar operator / opener bracket must be securely attached to the top section of the door, along with any struts provided with the door. When provided, always use the drawbar operator / opener bracket supplied with the door. To avoid possible damage to your door, reinforce the top section with a strut (may or may not be supplied). The installation of the drawbar opener must be according to manufacturer's instructions and force settings must be adjusted properly. Refer to the owner's manual supplied with your drawbar opener.

LINKS TO DETAILED INSTALLATION INSTRUCTIONS AND OWNER'S MANUAL

IMPORTANT: Use the following QR Codes below to access the appropriate Installation Instructions and Owner's Manual. All Installation documents are available at no charge from your local Wayne Dalton[®] Sales Center, online at **www.Wayne-Dalton.com**, links provided below or by mailing a request to: Wayne Dalton, a division of Overhead Door Corporation, P.O. Box 67, Mt. Hope, OH., 44660.



Removing an Existing Door/Preparing the Opening

Removing An Existing Door / Preparing The Opening: All Door Models



Product may be covered by one or more patents. See **www.wayne-dalton.com/patents** for details.

Patents: All Door Models

STANDARD LIFT

Door Models: 216, 220, 2415, 2411



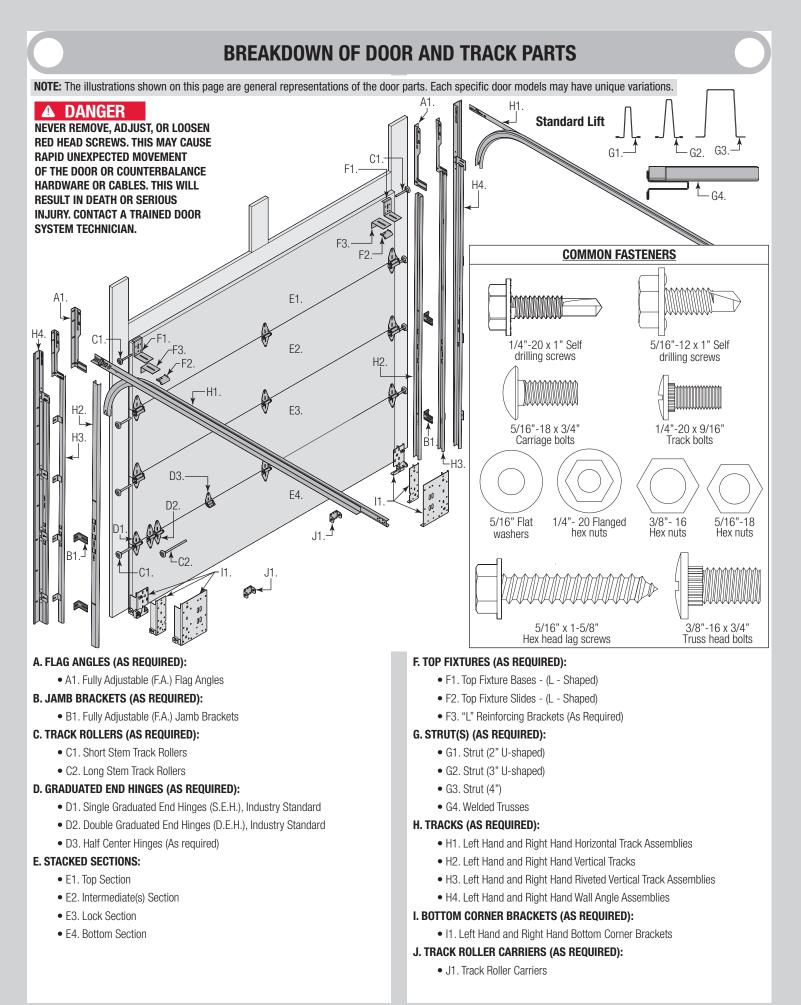
Door Models: C-Series: C-20, C-24, C-2400



Door Models: CX-Series: CX-2400, CX-24, and CX-20

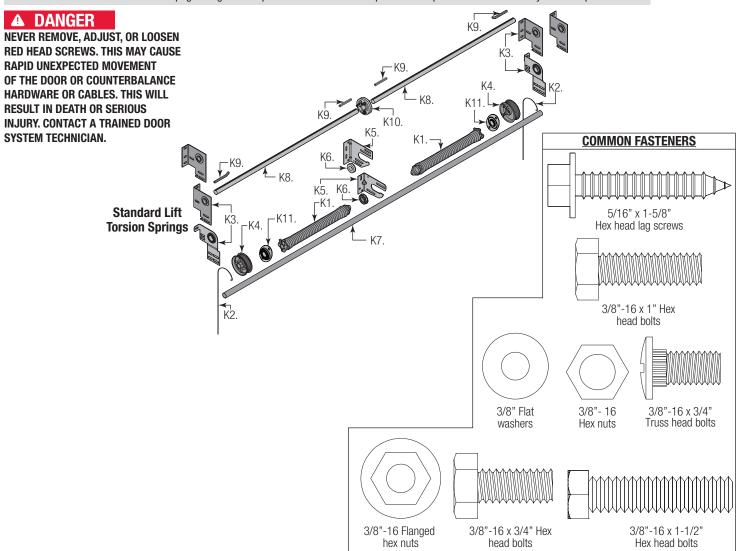


Torsion



BREAKDOWN OF COUNTERBALANCE PARTS

NOTE: The illustrations shown on this page are general representations of the door parts. Each specific door models may have unique variations.



K. STANDARD LIFT TORSION SPRING(S) COUNTERBALANCE APPLICATION:

- K1. Left Hand and Right Hand Torsion Springs (As Required)
- K2. Counterbalance Lift Cables
- K3. Left Hand And Right Hand End Bearing Brackets (As Required)
- K4. Left Hand And Right Hand Cable Drums
- K5. Center Bracket (As Required)
- K6. Center Bracket Bearing
- K7. Torsion Shaft / Torsion Keyed Shaft (As Required)
- K8. Torsion Keyed Shafts (As Required)
- K9. Keys (As Required)
- K10. Center Coupler Assembly (As Required)
- K11. Oval Bearings (As Required)

A DANGER

EXTREME CAUTION SHOULD BE USED WHEN WINDING SPRINGS AS FAILURE TO FOLLOW THE INSTRUCTIONS OR USE THE PROPER TOOLS CAN LEAD TO SERIOUS INJURY TO PERSONS AND PROPERTY. BEFORE ATTEMPTING TO WIND THE SPRING, MAKE SURE YOU HAVE READ AND UNDERSTAND THE INSTRUCTIONS. IF YOU ARE UNCLEAR ON ANY ASPECT OF THE INSTALLATION PROCEDURES, YOU SHOULD CONSULT A TRAINED DOOR SYSTEMS TECHNICIAN.

MAINTENANCE

CLEANING YOUR GARAGE DOOR

Like any other exterior surface, Wayne Dalton garage doors will have dirt exposure from atmospheric conditions. Ordinarily, the cleaning action of rainfall will be adequate to wash the door, or the door can be washed periodically by hosing with a garden hose and clear water (in particular) for the areas not accessible to rain. If you desire to do a more thorough cleaning, or where soil collection conditions occur, follow these simple instructions.

1. To clean acrylic glazings wash with plenty of nonabrasive soap or detergent and water. Use the bare hand to feel and dislodge any caked dirt or mud. A soft, grit-free cloth, sponge or chamois may be used to wipe the surface. Do not use hard or rough cloth that will scratch the acrylic glazing. Dry with a clean damp chamois.

2. Grease and oil may be removed with kerosene or a good grade of naphtha (No aromatic content.). Users of these solvents should become familiar with their proper ties to handle them safely.

Mild solutions of detergents or household ammonia will aid in the removal of most dirt, and the following are recommended levels:

One cup of Tide[™], or other common detergents, which contain less than 0.5% phosphate, dissolved into five gallons of warm water.

NOTE: The use of detergents containing greater than 0.5% phosphate is not recommended for use in general cleaning of garage doors. NEVER BLEND CLEANSERS OR DETERGENTS WITH BLEACH.

3. **Do not use:** Window cleaning fluids, scouring compounds, gritty cloths, leaded or ethyl gasoline, or solvents such as alcohol, acetone, carbon tetrachloride, etc.

This cleaning and maintenance information is suggested in an effort to be of assistance; however, manufacturer cannot assume responsibility for results obtained which are dependent on the cleaning solution and method of application.

Finish And Finishing Maintenance Instructions

As with any pre-finished steel product (such as your car) general maintenance to prolong the life of the finish is recommended. On a yearly basis these procedures are to be followed for cleaning the surface of the door.

Dirt, chalk and mildew can be removed by using a mild detergent OR a diluted solution of common bleach at a concentration of one (1) cup in five (5) gallons of warm water. Rinse with clear water after washing and allow drying completely.

NOTICE

NEVER MIX CLEANSERS OR DETERGENTS WITH BLEACH.

For added protection of a pre-painted door, the application of wax suitable for automotive use is recommended at annual intervals.

Surface Preparation For Painting

Dirt, chalk and mildew can be removed by using a mild detergent **OR** a diluted solution of common bleach at a concentration of one (1) cup in five (5) gallons of warm water. Rinse with clear water after washing and allow drying completely.

NOTICE

NEVER MIX CLEANSERS OR DETERGENTS WITH BLEACH.

Wax on the surface must be removed or paint peeling/flaking will result. Remove wax by wiping surface with a clean rag saturated with Xylene (Xylol). OBSERVE CAUTIONS ON SOLVENT CONTAINER.

Surface scratches which have not exposed the metal substrate can be lightly buffed or sanded with 0000 steel wool or No. 400 sand paper to create a smoother surface.

Care must be taken to not expose the substrate under the paint (see Note No. 2). Once this exposed condition exists, the likelihood for rusting is greatly increased. See the following paragraph if the metal substrate is observed.

Exposed substrate must be treated to prevent rust from forming (see Note No. 2).

Sand the exposed area lightly and paint with high quality metal primer to protect from corrosion. Follow drying time on primer can label before applying topcoat.

The surface to be re-coated must not be to smooth or the repaint material will not adhere to it (See Note No. 2). It is advisable to test a representative area to evaluate adhesion. If poor adhesion is observed, the surface must be abraded by sanding or buffing using grades mentioned above. Care must be taken to not expose the substrate under the paint.

Painting Your Garage Door

After the surface has been properly prepared it must be allowed to dry thoroughly, then coated immediately with a premium quality latex house paint. Follow the paint label directions explicitly. Oil base paint is not recommended. Please note that if substrate is exposed, painting with latex paint may cause accelerated rusting of steel.

Notes:

1. Re-painting of finish painted steel doors cannot be warranted as this condition is totally beyond door manufacturer's control.

2. If the steel door surface has a finish painted textured surface representing wood grain, stucco, etc.., this step should not be attempted as danger of exposing substrate is greatly increased.

3. Consult a professional coatings contractor if in doubt about any of the above directions.

4. Follow directions explicitly on the paint and solvent container labels for proper applications of coatings and disposal of containers. Pay particular attention to those directions involving acceptable conditions in which to paint.

Acrylic Glazing Cleaning Instructions:

1. To clean acrylic glazing, wash with plenty of nonabrasive soap or detergent and water. Use the bare hand to feel and dislodge any caked dirt or mud. A soft, grit-free cloth, sponge or chamois may be used to wipe the surface. Do not use hard or rough cloth that will scratch the acrylic glazing. Dry with a clean damp chamois.

2. Grease and oil may be removed with kerosene or a good grade of naphtha (No aromatic content.). Users of these solvents should become familiar with their properties to handle them safely.

3. **Do not use:** Window cleaning fluids, scouring compounds, gritty cloths, leaded or ethyl, gasoline, or solvents such as alcohol, acetone, carbon tetrachloride, etc.

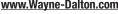
Maintaining Your Garage Door:

Before you begin, read all warning labels affixed to the door and the installation instructions and owner's manual. Full installation, adjustment, and operation instructions are available in the Detailed Owner's manual. The Detailed Owner's Manual is available online. See the links provided on Page 3. Perform routine maintenance steps once a month, and have the door professionally inspected once a year. Review your Installation Instructions and Owner's Manual for the garage door. All Installation documents are available at no charge from your local Wayne Dalton[®] Sales Center, online at www.Wavne-Dalton.com, links provided on Page 3 or by mailing a request to: Wayne Dalton, a division of Overhead Door Corporation, P.O. Box 67, Mt. Hope, OH., 44660. For additional information on garage door/ operator maintenance go to www.dasma.com and reference TDS 151, 167 and 179.

MONTHLY INSPECTIONS

1. Visual Inspection:

Closely inspect jambs, header and mounting surface. Any material found not to be structurally sound must be replaced. It may be necessary to uninstall part or all of the door assembly in order to replace defective material. Refer to the supplemental instructions "Removing an Existing Door/Preparing the Opening" at www.Wayne-Dalton.com





Removing an Existing Door/Preparing the Opening

Inspect the spring(s), counterbalance lift cables, track rollers, pullevs, rear back hangs and other door hardware for signs of worn or broken parts. Tighten any loose screws and/or bolts, except on bottom corner brackets or on the counterbalance assembly. Check exterior surface of the door sections for any minor cracks. Verify door has not shifted right or left in the opening. If you suspect problems, contact a trained door system technician.

DANGER

GARAGE DOOR SPRINGS, COUNTERBALANCE LIFT CABLES, BRACKETS, AND OTHER HARDWARE ATTACHED TO THE SPRINGS ARE UNDER EXTREME TENSION, AND IF HANDLED IMPROPERLY, CAN CAUSE DEATH OR SERIOUS INJURY. ONLY A TRAINED DOOR SYSTEMS TECHNICIAN SHOULD ADJUST THEM. BY CAREFULLY FOLLOWING THE MANUFACTURER'S INSTRUCTIONS.



NEVER REMOVE, ADJUST, OR LOOSEN THE BOLTS, SCREWS AND/OR LAG SCREWS ON THE COUNTERBALANCE (END BEARING BRACKETS, DRUMS, CABLES OR SPRING SYSTEM) OR BOTTOM CORNER BRACKETS OF THE DOOR. THESE BRACKETS ARE CONNECTED TO THE SPRING(S) AND ARE UNDER EXTREME TENSION. TO AVOID POSSIBLE DEATH OR SERIOUS INJURY. HAVE ANY SUCH WORK PERFORMED BY A TRAINED DOOR SYSTEMS TECHNICIAN USING PROPER TOOLS AND INSTRUCTIONS.

Torsion Springs:

The torsion springs (located above the door) should only be adjusted by a trained door systems technician. DO NOT attempt to repair or adjust torsion springs vourself.

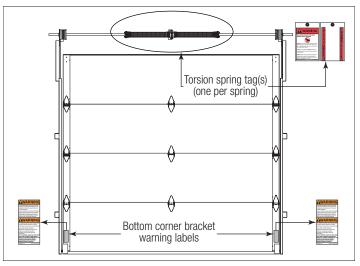
2. Door Balance:

Periodically test the balance of your door. If you have a garage door opener. Start with the door in the closed position. Pull down on the opener emergency release handle to disengage the door from the opener. Using handles or suitable gripping points, lift the door to check its balance. If door lifts by itself (hard to pull down) or if door is difficult to lift (easy to pull down), have it adjusted by a trained door systems technician. DO NOT attempt to repair or adjust Springs yourself.

3. Lubrication:

The door should open and close smoothly. Ensure the door track rollers are rotating freely when opening and closing the door. If track rollers do not rotate freely, clean the door tracks, removing dirt and any foreign substances. Clean and lubricate (use a non-silicon based lubricant) graduated end hinges, center hinges. steel track rollers, bearings and torsion springs (torsion spring coil surfaces). DO NOT lubricate plastic idler bearings, nylon track rollers, or the door track. DO NOT oil a cylinder lock. If actuation is difficult, use a graphite dust to lubricate.

Check for Presence of Safety Labels:





Commercial Sectional Models CX-20, CX-24, and CX-2400

Limited Warranty

Wayne Dalton, a division of Overhead Door Corporation ("Seller") warrants to the original purchaser of the Model CX-20, CX-24, or CX-2400 Commercial Sectional Door (insulated or noninsulated) ("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 for the following period(s) of time, measured from the date of installation:

• ONE (1) YEAR against defects in materials and workmanship

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 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, acts of God, or any other cause beyond the reasonable control of Seller, or as a result of having been exposed to toxic or abrasive environments, including blowing sand, salt water, salt spray and toxic chemicals and fumes.

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 use, cost of any substitute product, 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 authorized dealer 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.

SELLER:

SELLER'S ADDRESS:

Rev. 07.2021



Commercial Sectional Models 216, 220, 2415, 2411, C-20, C-24, and C-2400 Limited Warranty

Wayne Dalton, a division of Overhead Door Corporation ("Seller") warrants to the original purchaser of the Model 216, 220, 2415, 2411, C-20, C-24, or C-2400 Commercial Sectional Door (insulated or non-insulated) ("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 for the following period(s) of time, measured from the date of installation:

• ONE (1) YEAR against defects in materials and workmanship

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 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, acts of God, or any other cause beyond the reasonable control of Seller, or as a result of having been exposed to toxic or abrasive environments, including blowing sand, salt water, salt spray and toxic chemicals and fumes.

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 use, cost of any substitute product, 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 authorized dealer 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.

SELLER:

SELLER'S ADDRESS:

Rev. 09.2013