
HIGH PERFORMANCE AMTROL Pressuriser® with Guardian CP™ Control Water Pressure Booster System



Models RP-10HP, RP-15HP and RP-25HP

The High Performance AMTROL Pressuriser® is designed for city water applications where the supply of city water is at or above a flow pressure minimum of **10 psig**, but the pressure is considered too low to meet household needs. Read the enclosed product limitations, warnings and the installation, operating and service instructions contained in this booklet carefully before installing this product and keep it on hand for reference. This manual may become out-of-date or superseded by later amendments. Check our web site, www.amtrol.com or ask your AMTROL® supplier for any updates relating to your products.



This is the safety alert symbol. It is used to alert you to personal injury hazards. Obey all safety instructions that follow this symbol to reduce the risk of possible injury or death as well as property damage.

INSTALLER: LEAVE THIS MANUAL WITH THE USER

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The High Performance AMTROL Pressuriser® incorporates special design features to protect your product, prevent pump burn-out and optimize performance. The unit includes a low pressure cut-off, designed to turn off the unit when the inlet flow pressure is too low, which would cause the pump to run continuously, potentially causing product burn-out or failure.



IMPORTANT GENERAL SAFETY INFORMATION

ADDITIONAL SPECIFIC SAFETY ALERTS APPEAR IN THE FOLLOWING INSTRUCTIONS

WARNING READ CAREFULLY THE PRODUCT INSTALLATION, OPERATING AND MAINTENANCE MANUAL. FAILURE TO FOLLOW THE INSTRUCTIONS AND WARNINGS IN THE MANUAL MAY RESULT IN SERIOUS OR FATAL INJURY AND/OR PROPERTY DAMAGE, AND WILL VOID THE PRODUCT WARRANTY. THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED PROFESSIONAL. FOLLOW ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS, IN THE ABSENCE OF SUCH CODES, FOLLOW THE CURRENT EDITIONS OF THE NATIONAL PLUMBING CODE AND NATIONAL ELECTRIC CODE, AS APPLICABLE.

IMPORTANT IMPORTANT GENERAL SAFETY INFORMATION - ADDITIONAL SPECIFIC SAFETY ALERTS APPEAR IN THE FOLLOWING INSTRUCTIONS.

WARNING This Product, like most Products under pressure, may over time corrode, weaken and burst or explode, causing serious or fatal injury, leaking or flooding and/or property damage. To minimize risk, a licensed professional must install and periodically inspect and service the Product. A drip pan connected to an adequate drain must be installed if leaking or flooding could cause property damage. Do not locate in an area where leakage of the tank or connections could cause property damage to the area adjacent to the appliance or to lower floors of the structure.

ELECTROCUTION AND EXPLOSION HAZARD! Before work is performed on the Product, turn off the power to the Product and release all pressure in the system.

DANGER Before attempting any service and disassembly, shut off power to the pump. Ensure power is disconnected prior to removing motor. Ensure power is disconnected before cleaning is attempted.

DANGER Grounding of the pump is essential for your protection and the protection of the motor. All wiring should be completed by a licensed electrician, and in accordance with local codes or in their absence, the National Electrical Code. Before starting the wiring installation, disconnect all power to the circuit to be used for the AMTROL Pressuriser®.

WARNING The AMTROL Pressuriser® should only be connected to a municipal, cold water supply, and in systems with a minimum pressure of 10 psig at all times, measured under flow at the tap closest to the location of the AMTROL Pressuriser® installation. Minimum supply line, meter and fitting size for the RP-10HP is 3/4", and for the RP-15HP is 1" and RP-25HP is 1 1/4".

WARNING If the control is set too high or the pump is running when the water supply is shut off and there is no demand on the system, the pump will run continuously, can overheat and become damaged, potentially resulting in product failure, leaking and/or rupture.

WARNING All wire and fuse sizings are preliminary recommendations only. For your safety, local codes, and in their absence, national codes must be followed to minimize the risk of electric shock, property damage or personal injury.

WARNING The pump motor is designed for use with single phase, 60Hz ac. Use with any other type of power will cause damage to the motor. The pump models RP-10HP, RP-15HP and RP25HP are pre-wired for 115v; however, they can be rewired to be used with 230v. Consult motor nameplate for the wiring diagram.

CAUTION The power for your pump must be on a dedicated circuit. In addition, a shut off switch should be visible and near the pump. Use a 20 amp circuit.

WARNING **EXPLOSION OR RUPTURE HAZARD** A relief valve must be installed to prevent pressure in excess of local code requirement or maximum working pressure designated in the Product Manual, whichever is less. Do not expose Product to freezing temperatures or temperatures in excess of 200° F. Do not adjust the pre-charge or re-pressure this Product except for any adjustments required at the time of initial installation, especially if Product corroded, damaged or with diminished integrity. Adjustments to pre-charge must be done at ambient temperature only. Failure to properly size the Product or follow these instructions may result in excessive strain on the system lead to Product failure, serious or fatal personal injury, leakage and/or property damage.

Note: Inspect for shipping damage and notify freight carrier or store where purchased immediately if damage is present. To avoid risk of personal injury and property damage, if the product appears to be malfunctioning or shows signs of corrosion, call a qualified professional immediately. Current copies of the Product manual can be viewed at www.amtrol.com. Use proper safety equipment when installing.

Sizing Chart for High Performance AMTROL Pressuriser® Series

| | Minimum Flow Rate From City Supply | Minimum Flow Pressure From City Supply | Minimum Incoming Pipe Size |
|-------|---------------------------------------|---|-------------------------------|
| RP-10 | 10 gpm | 10 psig | 3/4" |
| RP-15 | 15 gpm | 10 psig | 1" |
| RP-25 | 25 gpm | 10 psig | 1 1/4" |

PRE-INSTALLATION INSPECTION AND CHECK LIST

Before beginning the installation of the High Performance AMTROL Pressuriser®, check the carton for any exterior damage, and be sure to read these instructions completely. If there is any damage, report it to your AMTROL® distributor.

STATE AND LOCAL CODES: All installations of the AMTROL Pressuriser®, like all plumbing and electrical installations, require compliance with local codes, and in their absence, national codes. Make sure you know what the requirements are and follow them. **IN ADDITION, FOLLOW ALL OF THE INSTRUCTIONS AND RECOMMENDATIONS CONTAINED IN THIS MANUAL.**

THIS PRODUCT MUST BE INSTALLED AND SERVICED BY A LICENSED PLUMBER AND ELECTRICIAN

LINE SIZING CHART- MINIMUM REQUIREMENTS

| AMTROL PRESSURISER® | WATER METER | SUPPLY LINE | VERIFIED FLOW |
|---------------------|-------------|-------------|---------------|
| RP-10HP | 3/4" | 3/4" | 10 GPM |
| RP-15HP | 1" | 1" | 15 GPM |
| RP-25HP | 1 1/4" | 1 1/4" | 25 GPM |

METAL PIPING must be used for all inlet and outlet lines to the unit.

DO NOT OVERSIZE PUMP, INADEQUATE WATER SUPPLY WILL RESULT IN POOR PERFORMANCE AND PUMP DAMAGE.

ELECTRICAL REQUIREMENTS: The motor voltage, phase and frequency requirements listed on the motor nameplate must be checked against the available power supply.

DRIP PAN AND ADEQUATE DRAIN: To assist in servicing and to avoid or minimize any possible leaking and/or flooding damage, install with a drip pan connected to an adequate working drain kept clear at all times. Do not install in an area where leaking and/or flooding could cause damage to the surrounding area.

IMPORTANT PRODUCT USE AND APPLICATION INFORMATION

THE AMTROL PRESSURISER® SHOULD ONLY BE CONNECTED TO A MUNICIPAL, COLD WATER SUPPLY, AND IN SYSTEMS WITH A MINIMUM FLOW PRESSURE OF 10 PSIG AT ALL TIMES, MEASURED UNDER FLOW AT THE TAP CLOSEST TO THE LOCATION OF THE AMTROL PRESSURISER® INSTALLATION.

THE AMTROL PRESSURISER®:

- SHOULD NOT BE USED FOR PRE-HEATED WATER SUPPLIES;
- SHOULD NOT BE USED FOR ANYTHING EXCEPT COLD WATER (AMBIENT TEMPERATURE NOT TO EXCEED 100° F);
- SHOULD NOT BE USED IN SYSTEMS WHERE LOW PRESSURE IS DUE TO LEAKS OR WHERE LEAKS IN THE PLUMBING SYSTEM MAY EXIST;
- SHOULD NOT BE USED IN SYSTEMS WHERE THE WATER SUPPLY CAN DROP BELOW 10 PSIG;
- SHOULD NOT BE USED IN SERIES WITH ANOTHER PUMP (SUCH AS IN PRIVATE WELL WATER SYSTEMS);
- TANK SHOULD NOT BE RE-PRESSURIZED AFTER INITIAL INSTALLATION;
- SHOULD NOT BE PIPED EXCEPT WITH METAL PIPING AT INLET AND OUTLETS.

LOCATION SELECTION

The system must be placed indoors only on a solid level surface with access to a drain with adequate capacity for large volumes of water in the event the system ruptures or fails. Consider the risks posed by tanks under pressure and the potential for leaking and/or flooding damage in selecting the location. The unit must not be placed in an environment that would expose the water in the tank to temperatures below freezing or in excess of 100° F.

Be sure to leave a minimal clearance of 12" around the unit for access should field adjustments be necessary in the future and to permit maintenance and inspection (see Figure 2).

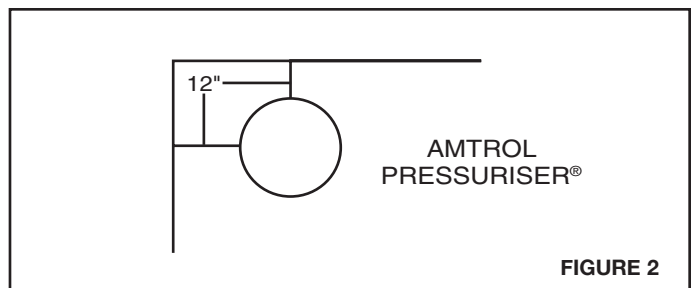


FIGURE 2

INSTALLATION AND OPERATION INSTRUCTIONS

PRIOR TO INSTALLATION SYSTEM INSPECTION

The tank provided with the High Performance AMTROL Pressuriser® has been factory pre-charged. The RP-10, RP-15 and RP-25 have been precharged to 38 psig. Check the pump and pressure switch exteriors for visual damage. (If damage is noted, return it to the place of purchase.)

IMPORTANT IMPROPER INSTALLATION AND OPERATION OF THE AMTROL PRESSURISER® WILL RESULT IN UNSATISFACTORY PERFORMANCE OR FAILURE OF THE SYSTEM AND WILL ALSO VOID YOUR WARRANTY.

ADJUSTING PRECHARGE

Step 1: Remove protective air valve cap

Step 2: Check pre-charge pressure (pressure should be + or - 10% of the factory setting)

Step 3: Release or add air as necessary to make the pre-charge pressure 2 psig below the pressure switch pump cut-in setting.

Step 4: Replace protective air valve cap. (Remove air valve label, replace protective air valve cap, peel off backing of label and apply on air valve cap.)

IMPORTANT MINIMUM SUPPLY LINE AND METER SIZE FOR THE RP-10 IS 3/4", THE RP-15 IS 1" AND THE RP-25 IS 1 1/4". THIS APPLIES TO ALL LINES INCLUDING THOSE USED WITH THE WATER METER OR FITTINGS BEFORE THE PUMP. CONTACT FACTORY IF MINIMUM FITTING/LINE SIZE IS BELOW THE ABOVE NUMBERS.

PIPING INSTALLATION

Using Figure 4 as a guide, position the AMTROL Pressuriser® in the desired location. A bypass loop, as shown in Figure 4 is required.

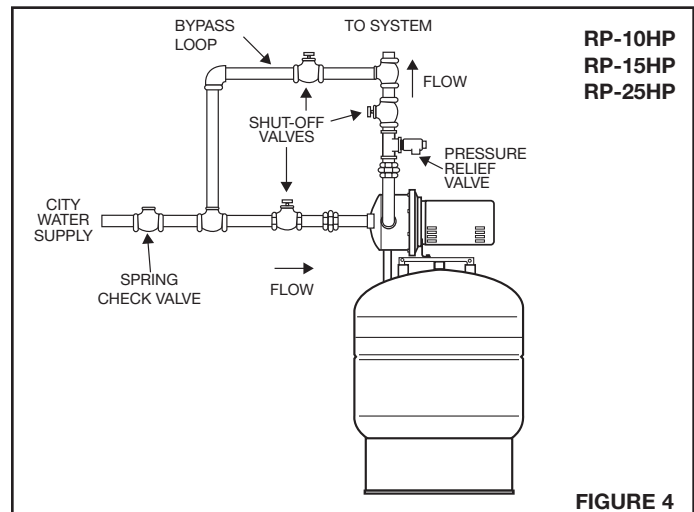
Step 1: Install a **SPRING LOADED CHECK VALVE** in the city supply line on the suction side of the pump along with a shut-off valve. Failure to do so will result in premature failure of the AMTROL Pressuriser® due to excessive pump cycling.

Step 2: Install a by-pass loop as shown in Figure 4.

Step 3: Pipe the city supply after the shut-off valve to the suction side of the pump, as shown.

Step 4: Connect the house supply line as shown in Figure 4 to the AMTROL Pressuriser®, using a 100 psig maximum relief valve as shown. It is important that the pressure relief valve be installed on the pump discharge prior to any shut off valves.

WARNING OVER-PRESSURIZATION CAN CAUSE AN EXPLOSION. INSTALL A 100 PSIG PRESSURE RELIEF VALVE AS SHOWN IN THE FOLLOWING INSTRUCTIONS.



RP-10HP
RP-15HP
RP-25HP

FIGURE 4

ELECTRICAL INSTALLATION

AMTROL Pressuriser® booster pumps include the Guardian CP™ digital pump control. The unique features of this control will be explained later in this booklet. To wire the Guardian CP™, follow the instructions below

ELECTRICAL CONNECTION

DANGER ELECTROCUTION HAZARD. FIRST DISCONNECT ALL ELECTRICAL POWER BEFORE SERVICING.

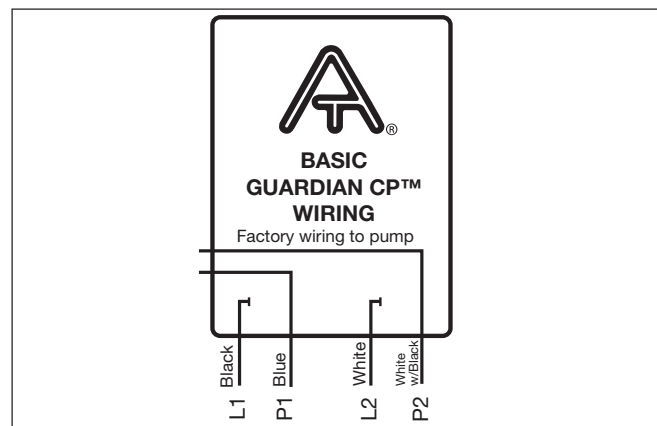
DANGER ELECTROCUTION HAZARD. THE Guardian CP™ MUST BE ELECTRICALLY GROUNDED.

NOTE: The Guardian CP™ will operate on 115 VAC & 230 VAC volt systems.

1. Disconnect power and verify with a volt meter.
2. Determine the pump electrical requirements. If unknown, contact the pump manufacturer.
3. Select the appropriate wire gauge per local codes and the pump manufacturer's recommendation. All pumps are 1/2 horsepower and are rated at 10.6 amps for 115 volts and 5.3 amps for 230 volts.
4. Loosen the captive fastener on the top of the controller and remove the plastic cover, exposing the wire leads. (When reassembling cover, do not over-tighten fastener.)
5. Following all electrical codes, wire the Guardian CP™ using the wiring diagram below.

NOTE: The Guardian CP™ has openings to accept standard conduit terminations.

WARNING DO NOT INSTALL ON ELECTRICAL SERVICE RATED ABOVE 20 AMPS.



PRIMING OF PUMP, INLET PRESSURE MEASUREMENT

Step 1: Close the bypass valve.

Step 2: Open the city water supply line valve and a faucet and check the system for leaks, repair any leaks before proceeding.

Step 3: Shut off the faucet and check the system for leaks. Repair any leaks before proceeding.

INITIAL START UP, ADJUSTING THE PRESSURE SWITCH AND TANK PRE-CHARGE

IF THE CONTROL SWITCH IS SET TOO HIGH OR THE PUMP IS RUNNING WHEN THE WATER SUPPLY IS SHUT OFF AND THERE IS NO DEMAND ON THE SYSTEM, THE PUMP WILL POTENTIALLY RUN CONTINUOUSLY, CAN OVERHEAT AND CAUSE DAMAGE; RESULTING IN PRODUCT FAILURE, LEAKING AND/OR RUPTURE. TO REDUCE THIS RISK, NEVER EXCEED 80 PSIG CUTOUT.

START UP

⚠ WARNING BEFORE CONTINUING, ENSURE THAT ALL WIRING IS COMPLETED AND THE UNIT IS GROUNDED. CHECK FOR OPEN DRAIN VALVES OR OTHER SOURCES OF FLOODING BEFORE STARTING UNIT.

1. Prime pump if necessary and adjust tank precharge to manufacturer's recommendation for intended pressure range. The factory Guardian CP™ setting is 40 psi cut-in and 60 psi cut-out.
2. Turn on power and ensure Guardian CP™ display illuminates. Display will blank momentarily and the pump will start. If not, check installation.
3. The display will now read the current line pressure.
4. Allow the pump to reach the factory cut-off setting of 60 psi. **IF THE PUMP CANNOT REACH THIS SETTING, DISCONNECT POWER AND SEE THE TROUBLESHOOTING SECTION ON PAGE 7.**
5. Check for leaks and repair as necessary before proceeding.
6. Proceed to the ADJUSTMENT section.

DEVICE ADJUSTMENT (Entering Programming Mode)

NOTE: Differential pressure should be adjusted no greater than 35 psi nor lower than 10 psi. The 20 psi factory differential is recommended.

1. Press and hold **■**. When “LO” appears, release. This will determine the pressure at which the pump activates.
2. When number appears, tap **▲** or **▼** to change cut-in setting.
3. Press **■** again. When “HI” appears, tap **▲** or **▼** to change cut-out setting. This will determine the pressure at which the pump shuts off.

NOTE: Depressing **■** a third time will display the last Error Code in memory (see Error Code table in Troubleshooting section). If no errors have occurred, the display will show “- -”

4. After approximately 10 seconds “Pr” will appear, indicating the settings are programmed. Display will then revert to line pressure.

NOTE: The settings will now be stored until changed manually, even in the event of power failure.

NOTE: If pump cannot reach cut-out setting within 5 minutes with no water running, lower the pressure settings to fall within the pump's pressure capabilities.

OPERATION

The Guardian CP™ incorporates an accurate pressure sensing system capable of maintaining the set pressure range without the need for regular service or adjustment. The Guardian CP™ controls the on/off cycling of the pump within the selected pressure range (see ADJUSTMENT section). The Guardian CP™ also incorporates built-in diagnostic functions to protect the system and alert the user or installer to potential problems. If a fault is found, an error code will be displayed, indicating that service may be necessary. Error codes are listed in the TROUBLESHOOTING section.

ENSURE THE SWITCH IS OPERATING PROPERLY. AFTER MAKING ANY ADJUSTMENTS, OBSERVE AT LEAST ONE PUMP CYCLE TO VERIFY PROPER PUMP SHUT-OFF.

Please contact AMTROL® Technical Support at 401-535-1216 or an AMTROL® representative if further assistance is required.

PRODUCT SERVICING AND MAINTENANCE

WINTERIZING

To drain, disconnect the pump from power and open a faucet to bleed off water pressure. You will then need to disconnect the pump from the piping and lay the tank on its side to disconnect the piping between the pump and the tank to completely drain the unit. Precaution needs to be taken to ensure exposed piping connected to the unit is also drained.

INSPECTION INSTRUCTIONS POST-INSTALLATION PRESSURE CHANGES AND ADJUSTMENTS

⚠ WARNING DO NOT ADJUST PRESSURE OR RE-PRESSURIZE THIS PRODUCT EXCEPT FOR ANY ADJUSTMENTS MADE AT THE TIME OF INITIAL INSTALLATION WHEN THE UNIT IS NEW. RE-PRESSURIZATION OF A WEAKENED, DAMAGED, OR CORRODED UNIT CAN CAUSE AN EXPLOSION, POSSIBLY CAUSING SERIOUS OR FATAL PERSONAL INJURY AND/OR PROPERTY DAMAGE.

If pressure adjustments are necessary because of changes in inlet pressure, check the condition of the unit first to make sure there is no corrosion of the tank or any connected lines or fittings. Take appropriate precautions. Never adjust the pressure if water is leaking from the air stem. Replace any damaged or corroded tank. Also, air loss is an indication that damage, corrosion or weakening of the unit may have occurred and it should not be re-pressurized.

Your AMTROL Pressuriser® unit including the pump must be periodically inspected by an experienced professional for signs of damage, corrosion and leaking. The pump should be checked to ensure it is turning on and off at the appropriate cut-in and cut-out points. At a minimum, after installation, a thorough inspection of all components should take place annually. However, note that units in settings with frequent use, where corrosion, high humidity or aggressive water is more likely to occur, and as the unit ages, should be inspected more frequently.

REPLACEMENT PARTS

| Part Description | Part Number |
|-----------------------|-------------|
| Pump RP-10HP | 245-59 |
| Pump RP-15HP | 245-60 |
| Pump RP-25HP | 245-61 |
| Guardian CP™ Control | 146-832 |
| Impeller RP-10HP | 2201N003 |
| Impeller RP-15HP | 2201N020 |
| Impeller RP-25HP | 2201-021 |
| Shaft Seal Kit (All) | 2201N002 |
| Pump O-Ring Kit (All) | 2201N006 |
| Tank RP-10HP | 2201R37 |
| Tank RP-15HP | 2201R39 |
| Tank RP-25HP | 2201R28 |

SERVICE GUIDE AND TROUBLE SHOOTING

The Guardian CP™ incorporates built-in diagnostics. If the AMTROL Pressuriser® is not functioning properly or is inoperable, look for a error code (example E1) on the digital readout before proceeding. Error codes are listed in the table at the bottom of this page.

| PROBLEM | CAUSE | SOLUTION |
|--|---|---|
| Guardian CP™ Displays Error (E) Code | See Chart Below | See Chart Below |
| Pump will not start | No Power Faulty wiring Damaged motor Damaged control | Check circuit breaker & fuses, tighten connections Check wiring per installation diagram in this booklet If pump hums, but will not start, check pump motor wiring (115/230V) If display illuminates with no error code, but pump will not start, replace pump If power is present at L1/L2 but display is blank, replace control |
| Pump runs but will not build pressure | Supply closed/blocked Bypass loop open Pump plumbed backwards Bad internal parts | Open all supply valves, ensure check valve is not sticking, clean any filters Close bypass valve Reverse inlet/outlet Check for bad seals or broken impeller. Repair or replace as necessary |
| Pump builds pressure but will not shut off | Operating pressure set too high Bad internal parts Control line blocked | Reduce control setting as necessary Check for bad seals or broken impeller. Repair or replace as necessary Remove control line and blow compressed air to clear |
| Pump starts too often (cycles under 30 sec.) | Control differential too narrow Tank precharge incorrect Waterlogged pressure tank | Set cut-in and cut-out 20 psi apart Set air pressure 2 psi below cut-in while pump is off and gauge pressure is zero If water emerges from tank air stem when depressed, replace tank |

To reset control at any time, press ▲ ■ ▼ buttons simultaneously for 5 seconds.

To "invert" the display for easier viewing, press ▲ ▼ together for 3 seconds.

| CODE | REASON | ACTION | CAUSE & REMEDY |
|------|---|-------------------------------------|--|
| E1 | Rapid cycle Excessive amp draw | Switch continues to operate | See "Pump Rapid Cycle" above Have pump checked for proper operation |
| E2 | Low-suction shutoff (running pressure) below 10 PSI | Shutoff. Auto restart after 60 min. | (A) Determine cause of low-suction (B) Check Wiring (C) Inspect pump |
| E3 | Improper voltage | Shutoff after 2 min.* | Restore voltage to proper range |

THE GUARDIAN CP™ CONTROL CONTAINS NO SERVICEABLE PARTS. REMOVAL OF MAIN CIRCUIT BOARD COVER WILL VOID WARRANTY.

AMTROL INC. LIMITED PRODUCT WARRANTY

Residential AMTROL Pressuriser®

All RP Series

Two (2) Year Limited Warranty

Products covered: all Products manufactured by AMTROL Inc. ("AMTROL").

This warranty cannot be transferred – it is extended only to the original Purchaser or First User of the Product. By accepting and keeping this Product you agree to all of the warranty terms and limitations of liability described below.

IMPORTANT WARNING – READ CAREFULLY THE INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS MANUAL ("MANUAL") to avoid serious personal injury and/or property damage and to ensure safe use and proper care of this product.

Who Receives AMTROL's Product Warranty

All purchasers or first users of the new Product. The Warranty is non-transferable.

What is covered by this Warranty

AMTROL warrants to the purchaser or first user of the new Product that at the time of manufacture, the Product is free from defects in material and workmanship. Any warranty claim must be made within two (2) years unless another time period is set forth in the Manual, measured from the time the Product was purchased.

What AMTROL Will Do If You Have a Covered Warranty Claim

In the event of a breach of the foregoing warranty, AMTROL will at its option either make repairs to correct any defect in material or workmanship or supply and ship either new or used replacement parts or products. AMTROL will not accept any claims for labor, property damage or other costs.

What This Warranty Does Not Cover - Exclusions and Limitations

This Warranty does not cover any claim unless it was caused by a defect in material or workmanship during the warranty period. In addition, this Warranty shall not apply:

- if the Product is not correctly installed, operated, repaired or maintained as described in the Manual provided with the Product;
- to any failure or malfunction resulting from abuse (including freezing); improper or negligent: handling, shipping (by anyone other than AMTROL), storage, use, operation, accident; or alteration, lightning, flood or any other environmental condition;
- to any failure or problem resulting from the use of the Product for any purpose other than those specified in the accompanying Manual or alteration of any part of the product;
- if the Product is used anywhere except the United States, its territories or possessions, or Canada;
- this Warranty does not cover labor costs, shipping charges, service charges, delivery expenses, administrative fees or any costs incurred in removing or reinstalling the Product;
- this Warranty does not cover any claims submitted to AMTROL or an AMTROL-authorized distributor or retailer more than 30 days after expiration of the applicable warranty time period described in this Warranty ;
- this Warranty also does not cover repair or replacement costs not authorized in advance by AMTROL.

Additional Warranty Limitations

ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY DISCLAIMED. Some states do not allow limitations on how long an implied Warranty lasts, so the above limitation may not apply to you.

Limitations of Remedies

THE REMEDIES CONTAINED IN THIS WARRANTY ARE THE PURCHASER'S OR FIRST USER'S EXCLUSIVE REMEDIES. IN NO CIRCUMSTANCES WILL AMTROL BE LIABLE FOR MORE THAN, AND PURCHASER-FIRST USER'S REMEDIES SHALL NOT EXCEED, THE PRICE PAID FOR THE PRODUCT. IN NO CASE SHALL AMTROL BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM NONDELIVERY OR FROM THE USE, MISUSE, OR INABILITY TO USE THE PRODUCT OR FROM DEFECTS IN THE PRODUCT OR FROM AMTROL'S OWN NEGLIGENCE OR OTHER TORT. This exclusion applies regardless of whether such damages are sought for breach of warranty, breach of contract, negligence, strict liability, in tort or under any other legal theory. Such damages include, but are not limited to, inconvenience, loss or damage to property, mold, loss of profits, loss of savings or revenue, loss of use of the Products or any associated equipment, facilities, buildings or services, downtime, and the claims of third parties including customers. Some states do not allow the limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

What To Do If You Have a Problem Covered By This Warranty

Any covered Warranty service must be authorized by AMTROL. Contact the person from whom you purchased the Product, who must receive authorization from an AMTROL distributor or AMTROL. If you do not receive a prompt response, call AMTROL directly at 877-517-9673. Notice of a Warranty claim should be submitted by the authorized distributor to AMTROL at the following address:

AMTROL Inc., Warranty Claim Dept.
1400 Division Rd., West Warwick, RI 02893

Before AMTROL determines to provide any replacement part or Product, it may as a pre-condition to making such a determination require that the warranty claimant ship the Product, postage prepaid to an authorized AMTROL distributor, or to AMTROL and provide proof of purchase evidenced by the original sales receipt or Product registration.

Replacement Product Warranty

In case of replacement of a Product or any component part, AMTROL reserves the right to make changes in the design, construction, or material of the substitute components or products, which shall be subject to all of the terms and limitations of this Warranty, except that the applicable warranty periods shall be reduced by the amount of time the warranty claimant owned the product prior to submitting notification of the warranty claim.