



REFRIGERATION HARDWARE SUPPLY CORPORATION

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SPRING-OPERATED DOOR CLOSERS

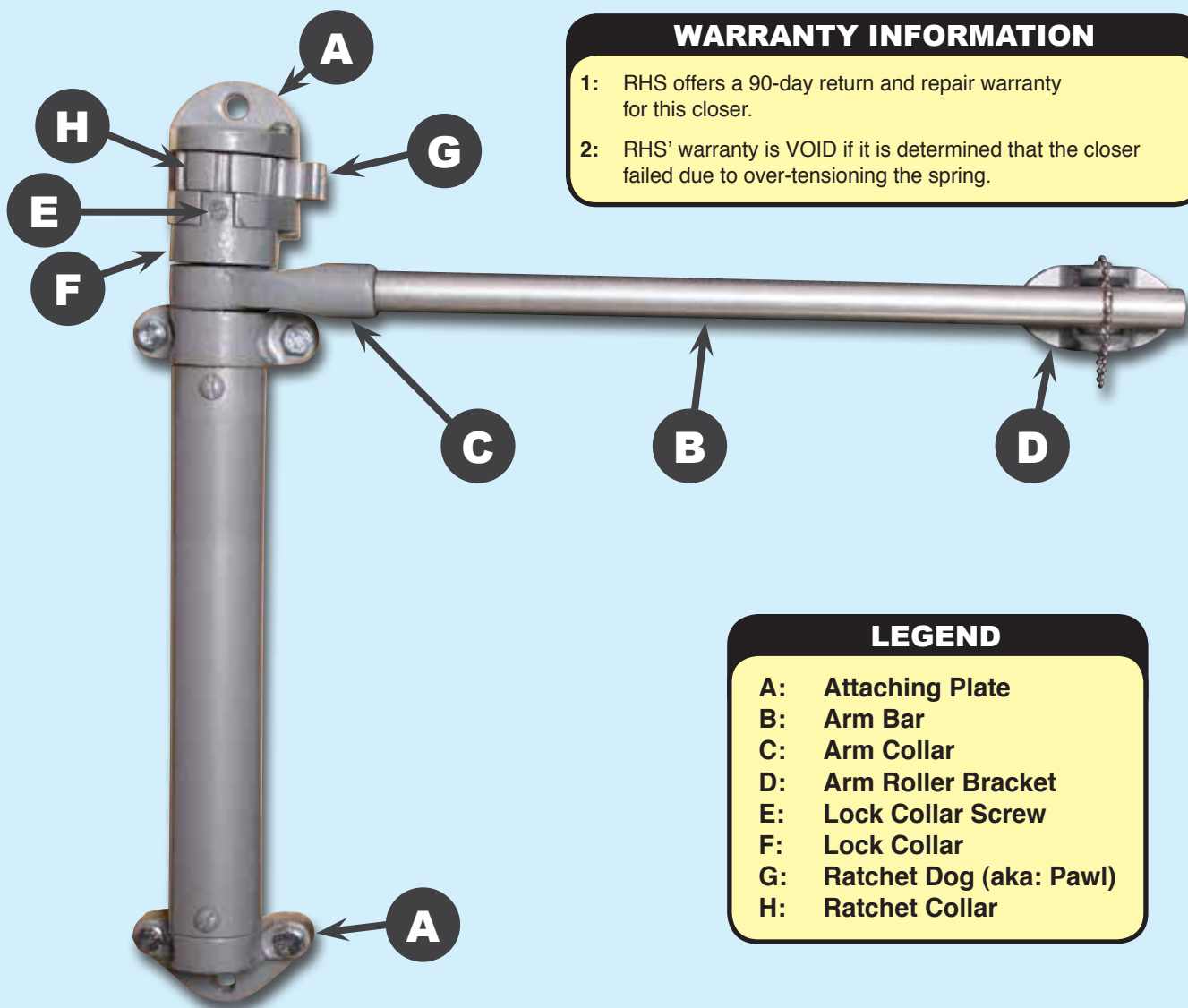
BASIC INSTALLATION INSTRUCTIONS

- 1: Be sure the hinges operate freely & the door does not bind or drag during closing.
- 2: Install the door closer on the surface of the door frame, so the arm will swing horizontal and with the edge of the attaching plates (A) not more than 3/8" from the edge of the closed door.
- 3: Install the arm roller bracket (D) to the surface of the door, so the closer arm bar (B) will line up and the arm roller bracket (D) will be a minimum of 1-1/2" from the end of the bar (B).

NOTE: The arm roller bracket (D), should only be temporarily applied to the door until the final, proper spring tension has been applied to the arm bar.

WARRANTY INFORMATION

- 1: RHS offers a 90-day return and repair warranty for this closer.
- 2: RHS' warranty is VOID if it is determined that the closer failed due to over-tensioning the spring.



LEGEND

- A: Attaching Plate
- B: Arm Bar
- C: Arm Collar
- D: Arm Roller Bracket
- E: Lock Collar Screw
- F: Lock Collar
- G: Ratchet Dog (aka: Pawl)
- H: Ratchet Collar



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APPLYING PROPER SPRING TENSION

NOTE: This door closer is NOT designed to slam the door shut.

It is designed to close the door UP TO the strike position ONLY.

The door will likely need to be manually closed past the strike nose or roller.

DO NOT tighten the spring more than the specified tension (See STEP 1 below), as this will over-tension the spring and cause it to break.

NOTE: PHOTOS BELOW SHOW LEFT-HAND OPERATION



- 1: Rotate the Arm Bar/Arm Collar (B/C) open 90°. While in this open position, push the Ratchet Dog (G) into the notched Ratchet Collar (H) to lock in the tension.
IF a SMALL AMOUNT of extra tension is needed, it is acceptable to turn the Arm Bar/Arm Collar (B/C) **ONE NOTCH past 90°** and push the Ratchet Dog (G) into the Ratchet Collar (H).
- 2: Remove the Lock Collar Screw (E) from the Lock Collar (F), and remove the Lock Collar (F).
- 3: Push the Arm Bar/Arm Collar (B/C) up to the disengaged position.
- 4: Rotate the Arm Bar/Arm Collar (B/C) toward the Arm Roller Bracket (D), which is temporarily mounted on the door, as close as possible.
- 5: Slide the Arm Bar/Arm Collar (B/C) back down to re-engage.
- 6: Re-install the Lock Collar (F) and the Lock Collar Screw (E). Pull out the Arm Bar/Arm Collar (B/C) to relieve the tension on the Ratchet Dog (G). Open Ratchet Dog (G) and release Arm Bar. Secure the Arm Roller Bracket (D) to the door as your last step.

