



**ACME ENGINEERING &
MANUFACTURING CORP.**
P.O. BOX 978
MUSKOGEE, OKLAHOMA 74402

FORM 610018
SECTION 11

ASSEMBLY INSTRUCTIONS FOR SINGLE PANEL MANUAL WALL SHUTTERS

FINAL ASSEMBLY OF THE MANUAL ACME WALL SHUTTER
CAN BE ACCOMPLISHED BY FOLLOWING THESE INSTRUCTIONS.

- (1) REMOVE THE TWO $5/32"$ \times $3/8"$ BOLTS MARKED (B) AND ATTACH THE OPERATOR MOUNTING BRACKET (5) TO THE SIDE OF THE SHUTTER.
- (2) ATTACH THE PULL BAR (6) TO THE LADDER BAR (4) AT HOLE LOCATION SHOWN IN FIGURE 1 USING THE BOLT, BUSHING, WASHER, LOCKWASHER AND NUT ARRANGEMENT AS SHOWN IN FIGURE 2.
- (3) ATTACH ONE END OF THE SPRING (8) TO THE PULL TAB (3) AND ATTACH THE OTHER END OF THE SPRING (8) TO HOLE (A) IN THE FRAME SIDE AS SHOWN IN FIGURE 1.

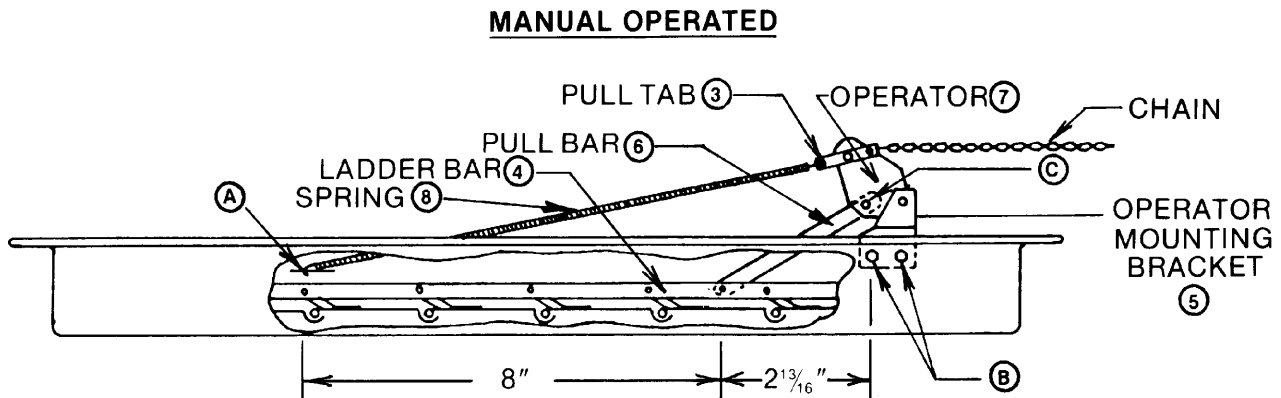


FIGURE 1

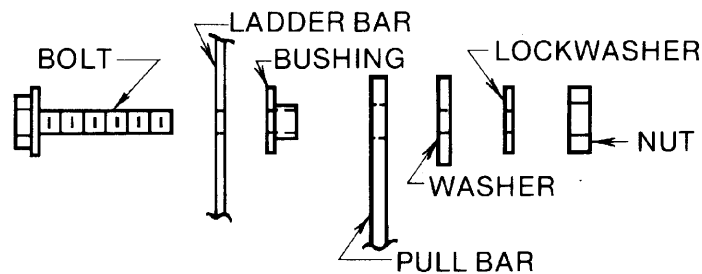


FIGURE 2

DISCLAIMER. Acme Engineering & Mfg. Corp. has made a diligent effort to illustrate and describe the products in this literature accurately; however such illustrations and descriptions are for the sole purpose of identification, and do not express or imply a warranty that the products are merchantable, or fit for a particular purpose, or that the products will necessarily conform to the illustrations or descriptions or dimensions.

These instructions cover the usual installation, operation and maintenance methods for which the product(s) was designed. They do not purport to cover all details or variations in the product(s) nor to provide for every possible contingency that might be met in connection with the installation, operation and maintenance. For any departures from these instructions, or should particular problems arise which are not covered sufficiently for the purchaser's purpose, the matter should be referred to Acme Engineering and Manufacturing Corporation.

WARNING

Acme products are designed and manufactured to provide reliable performance, but they are not guaranteed to be 100% free of defects. Even reliable products will experience occasional failures, and this possibility should be recognized by the User. If these products are used in a life support ventilation system where failure could result in loss or injury, the user should provide adequate back-up ventilation, supplementary natural ventilation or failure alarm system, or acknowledge willingness to accept the risk of such loss or injury.

LIMITED WARRANTY

WARRANTY AND DISCLAIMER. Acme Engineering and Manufacturing Corporation extends this limited warranty to the original buyer and warrants that products manufactured by Acme shall be free from original defects in workmanship and materials for one year from date of shipment, provided same have been properly stored, installed, serviced, maintained and operated. This warranty shall not apply to products which have been altered or repaired without Acme's express authorization, or altered or repaired in any way so as, in Acme's judgement, to affect its performance or reliability, nor which have been improperly installed or subjected to misuse, negligence, or accident, or incorrectly used in combination with other substances. The buyer assumes all risks and liability for results of use of the products. Warranties on purchased parts, such as electric motors and controls, are limited to the terms of warranty extended by our supplier.

LIMITATION OF REMEDY AND DAMAGES: All claims under this warranty must be made in writing and delivered to Acme Engineering & Manufacturing Corporation, Box 978, Muskogee, Oklahoma 74402, within 15 days after discovery of the defect and prior to the expiration of one year from the date of shipment by Acme of the product claimed defective, and Buyer shall be barred from any remedy if Buyer fails to make such claim within such period. Within 30 days after receipt of a timely claim, Acme shall have the option either to inspect the product while in Buyer's possession or to request Buyer to return the product to Acme at Buyer's expense for inspection by Acme. Acme shall replace, or at its option repair, free of charge, any product it determines to be defective, and it shall ship the repaired or replacement product to Buyer F.O.B. point of shipment; provided, however, if circumstances are such as in Acme's judgement to prohibit repair or replacement to remedy the warranted defects, the buyer's sole and exclusive remedy shall be a refund to the buyer of any part of the invoice price, paid to Acme, for the defective product or part.

Acme is not responsible for the cost of removal of the defective product or part,

damages due to removal, or any expenses incurred in shipping the product or part to or from Acme's plant, or the installation of the repaired or replaced product or part.

Implied warranties, when applicable, shall commence upon the same date as the express warranty provided above, and shall, except for warranties of title, extend only for the duration of the express warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. The only remedy provided to you under an applicable implied warranty and the express warranty shall be the remedy provided under the express warranty, subject to the terms and condition contained therein. Acme shall not be liable for incidental and consequential losses and damages under the express warranty, any applicable implied warranty, or claims for negligence, except to the extent that this limitation is found to be unenforceable under applicable state law. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

No employee, agent, dealer, or other person is authorized to give any warranties on behalf of Acme or to assume for Acme any other liability in connection with any of its products except in writing and signed by an officer of Acme.

TECHNICAL ADVICE AND RECOMMENDATIONS, DISCLAIMER: Notwithstanding any past practice or dealings or any custom of the trade, sales shall not include the furnishing of technical advice or assistance or system design. Any such assistance shall be at Acme's sole option and may be subject to additional charge. Acme assumes no obligation or liability on account of any recommendations, opinions or advice as to the choice, installation or use of products. Any such recommendations, opinions or advice are given and shall be accepted at your own risk and shall not constitute any warranty or guarantee of such products or their performance.

Litho in USA