**Model 316**

**DOOR CLOSER INSTALLATION & INSTRUCTION SHEET**

For Heavy Duty Arm W/Dead Stop, HD Hold Open Arm W/Dead Stop

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**PARALLEL ARM (PUSH SIDE) Mounting**

**LEFT HAND DOOR SHOWN**

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**PARALLEL ARM (PUSH SIDE) Mounting**

**RIGHT HAND DOOR SHOWN**

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**DOOR CLOSER ADJUSTMENT**

Please refer to 316 INSTALLATION INSTRUCTION SHEET.
THE HAND MUST BE DETERMINED & CHANGED IF NECESSARY BEFORE THE BRACKET IS MOUNTED TO THE DOOR STOP(TOP JAMB).
Refer to page 1.

FOR LEFT HAND DOORS
All brackets are shipped assembled for LEFT HAND DOOR. Insert 5/16" (8mm) hex wrench into ARM STOP and Turn counter clockwise to seat as tightly as possible.
Push filler plug in firmly.

FOR RIGHT HAND DOORS
Pull filler plug out of bracket.
Use a 5/16" (8mm) hex wrench, Turn ARM STOP clockwise to remove from bracket insert hole. Turn hex wrench counter clockwise to seat ARM STOP as tightly as possible.
Push filler plug into other hole.

INSTALLATION SEQUENCE
LEFT HAND DOOR SHOWN- RIGHT HAND DOOR OPPOSITE

INSTALLATION INSTRUCTIONS
1. Using template dimensions shown above. Mark FOUR (4) HOLES ON DOOR for door closer and THREE (3) HOLES ON FRAME for parallel bracket.
2. Mount closer on door using screws provided. SPEED ADJUSTING VALVE MUST BE POSITIONED AWAY FROM HINGE EDGE
3. Adjusting spring power to match door width or weight as indicated by Power Adjustment Chart shown on 316 INSTALLATION INSTRUCTION SHEET.
4. Mount closer on door to dimensions shown on page 1

IMPORTANT REMARKS
Do NOT allow door to slam into frame.
A normal standard closing time from 90° open position is 5 to 7 seconds evenly divided between main closing (Sweep) speed and latching speed. Adjust the SWEEP speed first, then adjust the LATCHING speed.
For slower closing speed of door, turn adjusting valve of "S" clockwise and counter clockwise for faster speed.
Latching speed control of door is the same mananger as Sweep speed adjustment.

ADJUSTABLE BACKCHECK FUNCTION
This function is essential to proper operation of HEAVY DUTY ARM W/ DEAD STOP. Use enough to prevent arm from striking stop with impact. See page 1.

ATTACH COVER (if packed)
Install cover securely using screws provided.

HOW TO HOLD - OPEN
A quarter turn on the HOLD-OPEN CONTROL HANDLE engages or disengages hold-open.