

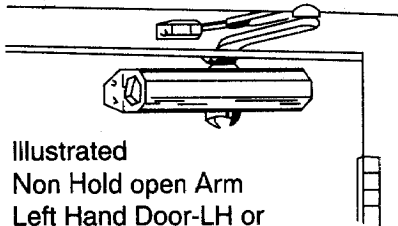
# CAL-ROYAL

PRODUCTS, INC  
COMMERCE, CALIFORNIA

Surface Mounted  
Door Closer  
Model:400 Series  
Size:2,3,4,  
Non Hold-Open  
Optional Backcheck

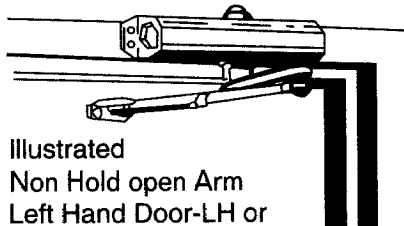
## Installation Instructions

**Regular Arm Installation**  
closer installs on PULL/HINGE  
side of door



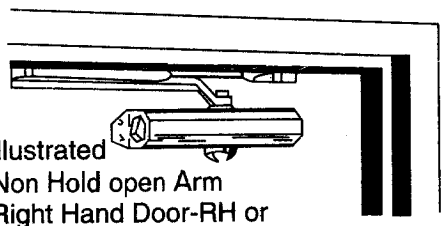
Illustrated  
Non Hold open Arm  
Left Hand Door-LH or  
Right Hand Reverse-RHR  
See Page 2

**Top Jamb Installation**  
Closer installs on frame-on  
PUSH/STOP side of door



Illustrated  
Non Hold open Arm  
Left Hand Door-LH or  
Right Hand Reverse-RHR  
See Page 3

**Parallel Arm Installation**  
closer installs on PUSH/STOP  
side of door



Illustrated  
Non Hold open Arm  
Right Hand Door-RH or  
Left Hand Reverse-LHR  
See Page 4

## CLOSER ADJUSTMENT

### CLOSING CYCLE

NOTE:Closing arcs("CLOSE"and"LATCH")are controlled by two(2)separate speed adjusting valves Adjust the CLOSING speed first, then adjust the LATCHING speed.

1"CLOSING"speed adjustment is accomplished by full rotations of the speed adjusting valve.

-Turn the speed adjusting valve CLOCKWISE for a SLOWER closing speed.

-Turn the speed adjustment valve COUNTER-CLOCKWISE for FASTER closing speed.

2"LATCH"speed adjustment is accomplished by full rotations of the speed adjusting valve.

-Turn the speed adjusting screw CLOCKWISE for a SLOWER latching speed.

-Turn the speed adjusting screw COUNTER CLOCKWISE for a FASTER latching speed.

CAUTION!! Do not turn speed adjusting valve more than two (2)full turns counter-clockwise from its factory set position. as two speed adjusting valves could become dislodged from the door closer body,resulting in the loss of internal fluid and failure of the device.

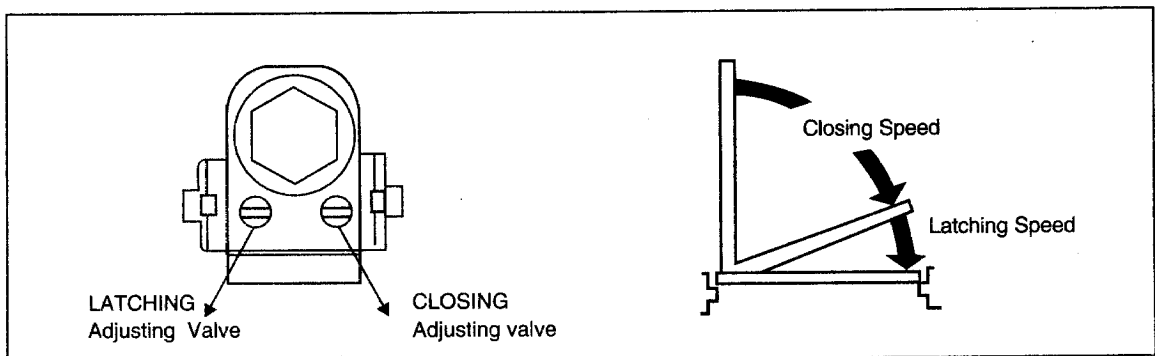


CHART  
TO DETERMINE  
HAND OF DOOR

