



# RTS SERIES PACKAGE 03

## SIDE LOAD STEEL DOOR AND FRAME

### 1. PREPARE FRAME AND INSTALL CLOSER

NOTE: 8532 mounting channel is to be installed prior to frame installation.

Prepare header 1 according to template. Fasten angle bracket 2 to closer 3 with two hex head machine screws and flat washers. Install two fillister head machine screws 4 into mounting tabs on closer, make approximately three turns.

Install closer into mounting channel 5 in header 1 by inserting mounting tabs into mounting bracket, then raise end of closer with angle bracket 2 onto the two 1/4-20 screws installed in mounting channel 5. Fasten angle bracket to the remaining 1/4-20 screws with lock washers and nuts 6. Tighten the two fillister head machine screws. SECURELY!

Install cover plate 7 by sliding tab into frame and fasten opposite end to mounting bracket with two 8-32 flat head machine screws provided.

### 2. PREPARE TOP OF DOOR AND INSTALL CLOSER ARM

Prepare top of door according to template. NOTE: Cut-out side of door should face interior of building. Fasten adjustment stud 8 to door channel. Install two 1/4-20 hex head alignment screws 9 into closer arm 10. Place closer arm 10 over adjustment stud 8 in door channel. Center arm in door, turn 1/4-20 hex head alignment screws 9 counterclockwise until they are wedged against door channel. Thread lateral adjustment screw 11 into adjustment stud 8. Secure arm 10 into place with 1/4-20 flat head screw and flat washer 12.

### 3. PREPARE BOTTOM OF DOOR, INSTALL ARM AND FLOOR BEARING

Prepare bottom of door according to template. Fasten arm 13 to door with five 1/4-20 flat head machine screws. Prepare floor according to template. Fasten floor portion 14 with three flat head wood screws and plastic anchors: OPTIONAL SEE TEMPLATE FOR THRESHOLD PREPARATION.

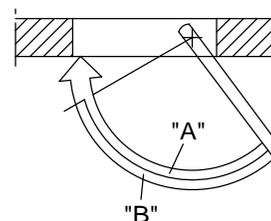
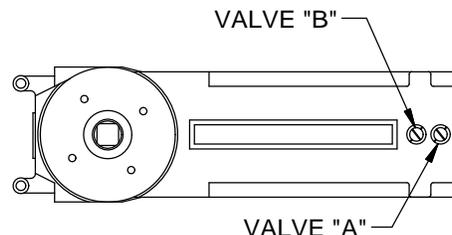
### 4. INSTALL DOOR

With door parallel to opening, place bottom of door onto floor bearing. Push door to vertical position until closer spindle is completely engaged into closer arm 10. Fasten clamping block 15 to arm 10 with three 1/4-20 socket head cap screws 16. NOTE: Alternate fastening screws when tightening clamping block. TIGHTEN SECURELY! Fasten cover plate 17 to door with screws provided.

### 5. ADJUST CLOSING SPEEDS

Valve "A" - Controls closing speed from maximum opening angle to 0°, clockwise turns decrease closing speed, counterclockwise turns increase closing speed.

Valve "B" - Increases closing speed from maximum opening angle to 20°, turn valve counterclockwise.



### 6. DOOR ALIGNMENT

Double Acting - Center door in frame by loosening 1/4-20 flat head screw 12 and adjusting the 1/4-20 hex head alignment screws 9 as required. To adjust clearances between door and frame, adjust lateral adjustment screw 11. Retighten 1/4-20 flat head screw 12. TIGHTEN SECURELY!

Single Acting - To insure that door closes tightly against stop, adjust top arm as follows. Loosen the 1/4-20 flat head screw 12, adjust arm fully in the direction of door swing. Retighten 1/4-20 flat head screw 12.

### 7. CLEARANCE REQUIREMENTS

The standard spindle for 7471K will achieve a door clearance of 11/16" measured from finished floor to bottom of door. See chart on template for optional spindles and door clearances.

### 8. DOOR REMOVAL

Remove cover plate 17 from side of door. Remove clamping block 15 from top arm. Lean top of door out until it clears frame. Lift door off of floor bearing 14.

