

# RTS SERIES PACKAGE 06

## SIDE LOAD WOOD DOOR AND ALUMINUM FRAME



### 1. PREPARE FRAME AND INSTALL CLOSER

Prepare header 1 and side jamb 2 according to template. Fasten mounting bracket 3 to side jamb with three No. 8-32 pan head machine screws. Fasten header to side jamb with two No. 10-32 flat head machine screws. Fasten two 1/4-20 flat head machine screws 4 to header with lock washers and nuts. Fasten angle bracket 5 to closer 6 with two hex head machine screws and flat washers. Install two fillister head machine screws 7 into mounting tabs on closer 6 make approximately three turns. NOTE: For RTS 88 models only, do not remove spacer washers.

Install closer into header by inserting mounting tabs into mounting bracket 3, then raise end of closer with angle bracket 5 onto the two 1/4-20 screws 4. Fasten angle bracket with the two remaining 1/4-20 nuts and lock washers 8. Tighten the two fillister head machine screws 7 SECURELY!

Install cover plate 9 by sliding tab into frame and fasten opposite end to mounting bracket with two No. 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 8832 mounting channel 10 to door with four No. 12 flat head wood screws 11. Install two 1/4-20 hex head alignment screws 12 into closer arm 13. Place closer arm 13 over adjustment stud 14 in arm channel. Center arm in door, turning both 1/4-20 hex head alignment screws 12 counterclockwise until they are wedged against door channel. Thread lateral adjustment screw 15 into adjustment stud on 8832 mounting channel 10. Secure arm 13 into place with 1/4-20 flat head machine screw and flat washer 16.

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

Prepare bottom of door according to template. Fasten bottom arm 17 to door with five No. 14 flat head wood screws. Prepare floor according to template. Fasten floor bearing 18 with three flat head wood screws and plastic anchors. SEE TEMPLATE FOR THRESHOLD PREPARATION.

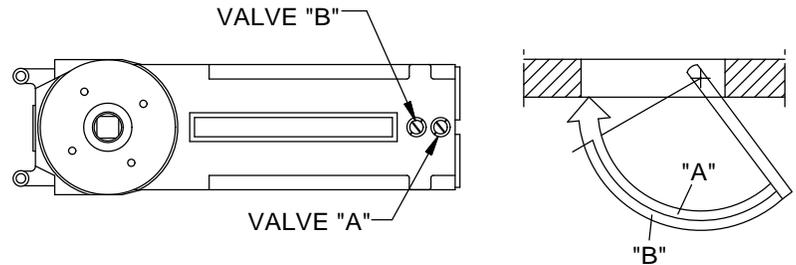
### 4. INSTALL DOOR

With door parallel to opening, place bottom of door onto floor bearing 18. Push door to vertical position until closer spindle is completely engaged into closer arm 13. Fasten clamping block 19 to arm 13 with three 1/4-20 socket head cap screws 20. NOTE: Alternate fastening screws when tightening clamping block. TIGHTEN SECURELY! Fasten cover plate 21 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 16 and adjusting the two 1/4-20 hex head alignment screws 12 as required. To adjust clearances between door and frame, adjust lateral adjustment screw 15. Retighten 1/4-20 flat head screw 16. TIGHTEN SECURELY!

Single Acting - Adjust arm to insure that door closes tightly against stop. Loosen 1/4-20 flat head machine screw 16. Adjust closer arm fully in the direction of door swing. To adjust clearances between door and frame, adjust lateral adjustment screw 15. Retighten 1/4-20 flat head machine screw 16. TIGHTEN SECURELY!

### 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 21 from side of door. Remove clamping block 19 from top arm. Lean top of door out until it clears frame. Lift door off of floor bearing 18.

