

RTS SERIES PACKAGE 05

SIDE LOAD WOOD DOOR AND 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. 10 pan head wood screws. Fasten angle bracket 4 to closer 5 with two hex head machine screws and flat washers. Install two fillister head machine screws 6 into mounting tabs on closer, make approximately three turns.

NOTE: For RTS 88 models only - do not remove spacer washers in mounting tabs.

Install closer into header by inserting mounting tabs into mounting bracket 3. Then raise end of closer with angle bracket 4 into position and fasten with two No. 12 pan head wood screws. **TIGHTEN SECURELY!**

Install cover plate 7. Fasten spindle end with two 8-32 flat head machine screws. Fasten opposite end with two No. 6 flat head wood screws.

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 8 to door with four No. 12 flat head wood screws. Install two 1/4-20 hex head alignment screws 9 into closer arm 10. Place closer arm over adjustment stud 11 on 8832 mounting channel. Center arm in door, turning both 1/4-20 hex head alignment screws 9 counterclockwise until they are wedged against door channel. Thread lateral adjustment screw 12 into adjustment stud 11. Secure arm 10 into plate with 1/4-20 flat head machine screw and flat washer 13.

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

Prepare bottom of door according to template. Fasten arm 14 to door with five No. 14 flat head wood screws. Prepare floor according to template. Fasten floor bearing 15 with three flat head wood screws and plastic anchors: **OPTIONAL SEE TEMPLATE FOR THRESHOLD PREPARATION.**

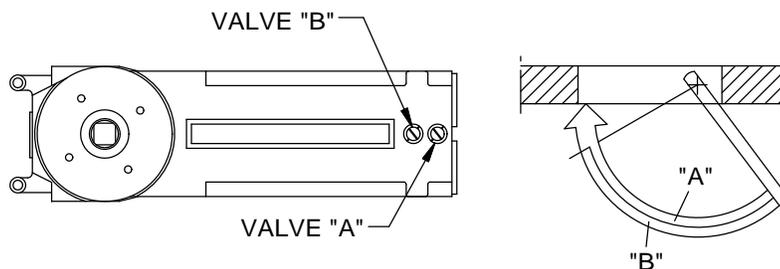
4. INSTALL DOOR

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 16 to arm 10 with three 1/4-20 socket head cap screws 17. NOTE: Alternate fastening screws when tightening clamping block. **TIGHTEN SECURELY!** Fasten cover plate 18 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 13 and adjusting the two 1/4-20 hex head alignment screws 9 as required. To adjust clearances between door and frame, adjust lateral adjustment screw 12. Retighten 1/4-20 flat head screw 13. **TIGHTEN SECURELY!**

Single Acting - Adjust arm to insure that door closes tightly against stop. Loosen 1/4-20 flat head machine screw 13. Adjust closer arm fully in the direction of door swing. To adjust clearances between door and frame, adjust lateral adjustment screw 12. Retighten 1/4-20 flat head screw 13. **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 spindle and door clearances.**

8. DOOR REMOVAL

Remove cover plate 18 from side of door. Remove clamping block 16 from top arm. Lean top of door out until it clears frame. Lift door off of floor bearing 15.

