SLIDING DOOR SYSTEM:
INSTALLATION INSTRUCTIONS
HOW TO INSTALL A SLIDING DOOR (AIR)

V2018.2
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GENERAL INFORMATION:

Preparation:
We recommend reading these instructions before starting.
Carefully unpack and check all items before beginning assembly.
When transporting assembled doors; always lift at corners and lean doors on their side – never stand them upright as this may damage the top roller.

The high quality raumplus family of sliding door systems offers a wide range of possibilities.
Systems with or without bottom track, ceiling or wall mounted systems, corner solutions, locks, applied and true divided panels.
The "HOW TO INSTALL A SLIDING DOOR (AIR)" describes the process of installing an AIR top hung system.

For other instructions, please see:
INSTALLATION INSTRUCTIONS_AIR GANGLING DEVICE
INSTALLATION INSTRUCTIONS_AIR BRAKE
HOW TO ASSEMBLE A SLIDING DOOR (AIR)
HOW TO INSTALL A SLIDING DOOR (S34 + S42)
HOW TO ASSEMBLE A SLIDING DOOR (S34 + S42)
For additional instructions see website www.raumplusna.com

Technical details are subject to change.

INFORMATION:
It is assumed that you have exactly identified all cutting dimensions according to the measurement instruction for raumplus-products.
max. door weight: 60kg [130 lbs]

TOOLS:

aluminium saw
allen wrenches: 3mm, 4mm, 5mm
wrench: 13mm
drill
drills bits: 6.5mm, 8.5mm, 10mm
white rubber mallet
masking tape
pencil
level
COMPONENTS_AIR

1. AIR Top track – ceiling or wall-mount (add continuous L-bracket if wall-mounted).
2. AIR Middle valance – used between AIR top tracks (optional).
3. AIR Valance – use on one or both sides of AIR top track.
4. AIR Top roller – connects to the top rail and helps guide the door in the track.
5. AIR Ground plate with roller – concealed in bottom rail and keeps the door in line.
6. AIR Ground plate without roller – used as a shim beneath AIR ground plate without roller (optional).
7. AIR Stopper with brake – used for stopping door and holding in the closed position.
8. AIR Stopper without brake – used to stop door when moved to the open position.
9. AIR Brake – used between top rollers to slow doors in tracks (optional).
10. Plug – to cover the holes drilled for the frame screw.
11. Brush gasket – provides dust seal between wall and door. Available in grey (may substitute with grey rubber, upon request).
12. AIR End cap – ceiling mount shown, also available wall mounted (left or right, optional).
1. Cut valance for top track, middle valance and top track to size, drill holes in top track.

2. Drill holes in ceiling and mount the rear top track.

Do not tighten yet!
3. hang the rear sliding door and adjust height

4. mark position of ground plate (masking tape / pencil), remove rear sliding door and mount ground plate
5. re-hang rear sliding door, then tighten the fastener at the pick up elements

6. install top track
7. Drill holes in ceiling and mount front top track.

8. Hang the front sliding door and adjust height.

*IMPORTANT
Make sure the fixation plate is spaced correctly
S3000: 0mm [0"] from stile
S1500: 19mm [3/4"] from stile
If further explanation is needed, please see AIR assembly instructions.

Adjust door to hang 6mm [1/4"] above the floor.
9. Mark position of ground plate (masking tape / pencil), remove front sliding door and mount ground plate.

10. Re-hang front sliding door, then tighten the fasteners at the AIR top roller/fixation plate.
Designation of stopper position:
Open the door completely, move the stopper to meet the top roller and mark the position, then move the stopper 5mm [3/16"] in the closing direction and fasten it.

11. Mount AIR stopper with brake in both top tracks at closed position

12. Apply brush gasket and plugs (see page 12)
INSTALLATION_AIR

13. apply valances for top track on front and back

14. test the function
1. Example

2. Example stile reversed

3. Example stiles mixed

Apply brush gasket and fix it with clip on top and bottom.

For the remaining sides, plugs have to be applied at the top and bottom over drill holes.

15. positions of brush gasket
DETAIL DRAWING_AIR
CEILING-MOUNTED
INSTALLATION_AIR
WALL-MOUNTED WITH CONTINOUS L-BRACKET

screw for continous L-bracket
continous L-bracket

screw for continous L-bracket

40mm (minimum) [1 9/16”]

6mm [1/4”]
INSTALLATION_AIR
WALL-FASTENING OF GROUND PLATE

2.5mm [1/8"]

wall-mounted ground plate with roller

6mm [1/4"]
NOTE: Additional 6” needed (in addition to top track) needed to recess top track. Additional depth needed so valance can be removed/installed. If valance can not be removed, door can not be adjusted. Door will need to be adjusted over time with use.