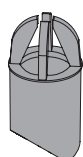


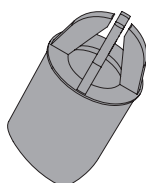


SECURITY VALVE

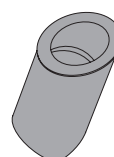
Ball valves



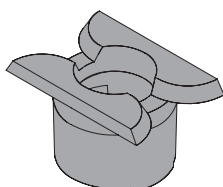
SV-8



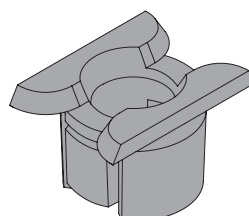
SV-11



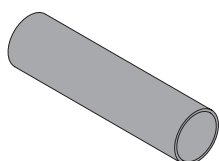
SV-8 ST



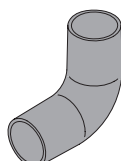
SV-9 NE BC



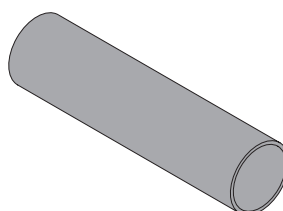
SV-12 BC



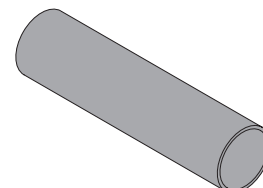
R8



C8



R9



R11

■ Material

Plastic ABS body.

Plastic (Polypropylene) balls solid Ø 6 mm and hollow Ø 8,5 and 9,5 mm.

■ Functions

These valves add to the ease of use of doors, windows and façades by sealing essential drainage.

■ Applications

These valves were originally designed to seal sliding doors and windows.

Since their distribution, these valves have been applied to any other type of window systems and façades.

■ Assembly

Their small, conical design enables the valves to be fitted, with only minimal drilling and without the need for glue, in the widest range of sections and also through various partitions.

Their positioning within the profile gives them the advantage of not being exposed to bad weather.

■ Installation on sliding doors and windows

These valves are positioned between the lower rails of the frame on the inside and behind the door leaf(s) and window casement(s) on the outer rail.

■ Operation

During a storm, the wind is not a constant force, causing both pressure and depression.

The pressure exerted by the wind on the façades closes the valves while any rain water seeping in will infiltrate.

Whenever the wind drops, the valve in the lower rail tube decompresses, causing the ball to descend. The unblocked opening will allow the water to come out.

This repeated action enables doors, windows and façades to remain air and water-tight.

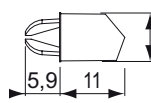
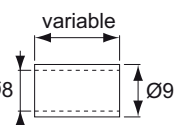
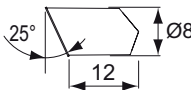
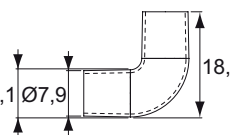
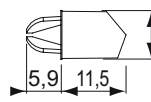
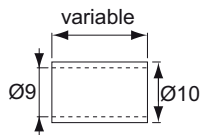
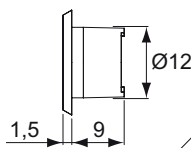
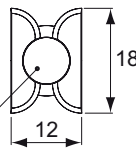
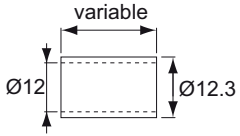
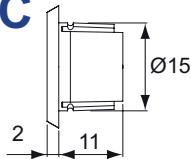
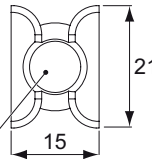
■ Experience on sites

The use of these valves on exposed façades over many years has demonstrated their effectiveness.



SECURITY VALVE

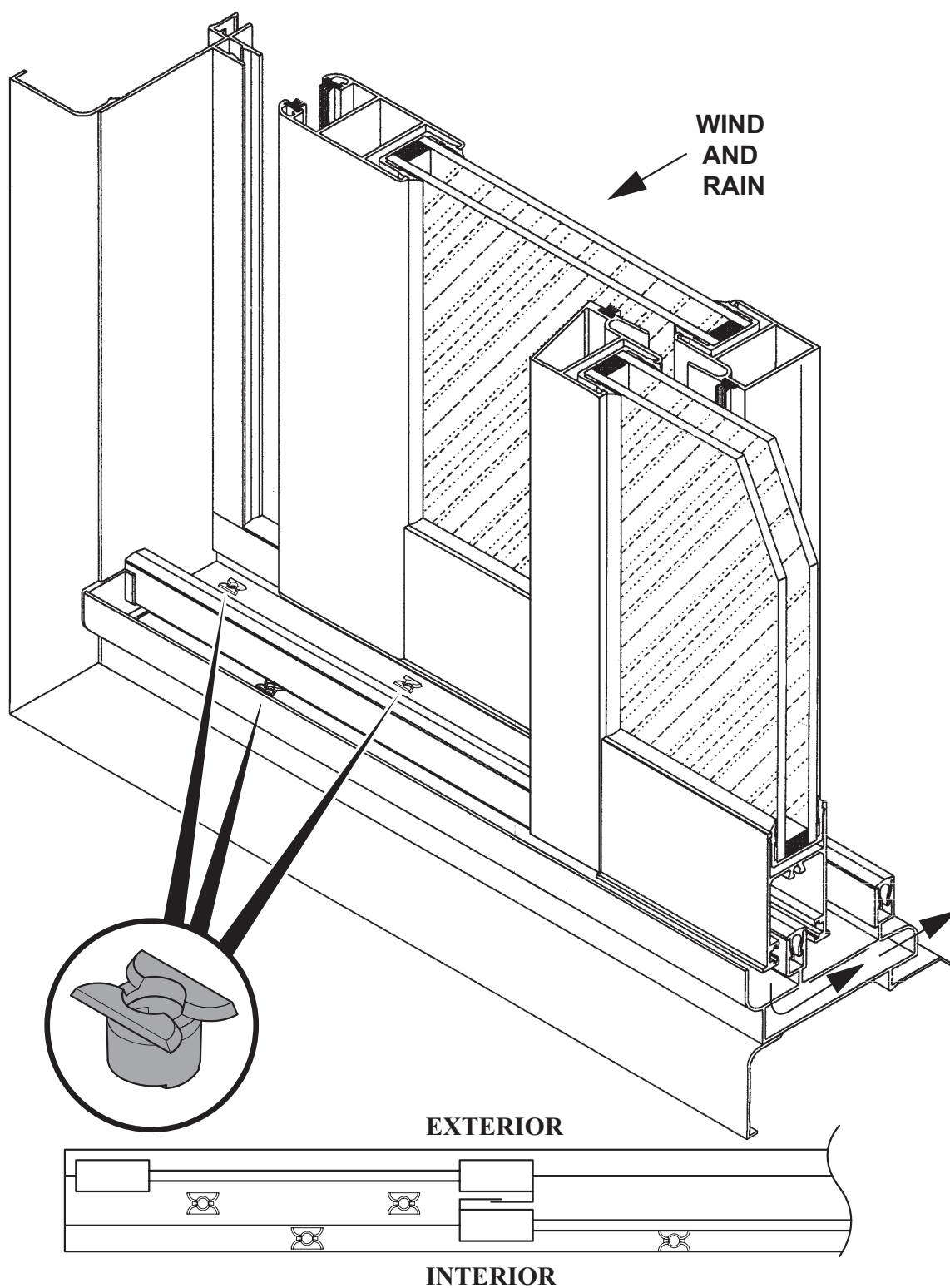
Ball valves

References - Dimensions (mm)	Color - Material	Accessories (plastic)
SV-8    Surface of the evacuation port : 26,41 mm²	Body : Black ■ Ball : Solid plastic ● Ø6	Extension R8  
SV-8 ST    Surface of the evacuation port : 26,41 mm²	Body : Black ■ Ball : Solid plastic ● Ø6	Angle C8 connector 90°  
SV-11    Surface of the evacuation port : 38,48 mm²	Body : Black ■ Ball : Solid plastic ● Ø6	Extension R11  
SV-9 NE BC    Surface of the evacuation port : 50,26 mm²	Body : Black ■ Transparent □ White □ Ball : Hollow plastic ○ Ø8,5	Extension R9  
SV-12 BC    Surface of the evacuation port : 60,82 mm²	Body : Black ■ Transparent □ Ball : Hollow plastic ○ Ø9,5	



SECURITY VALVE

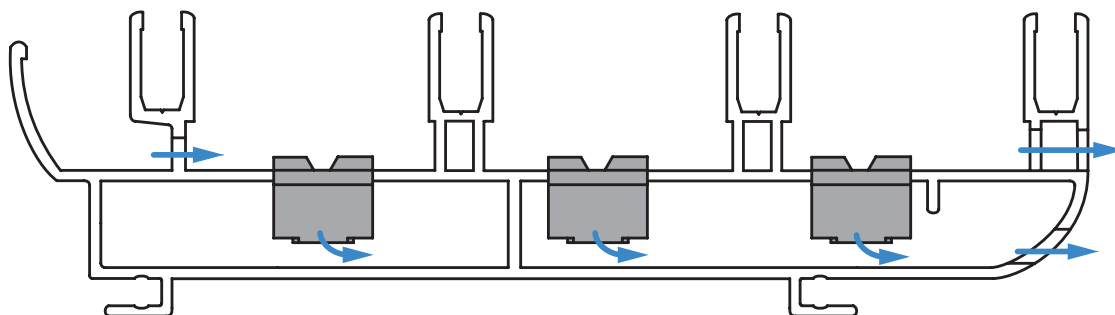
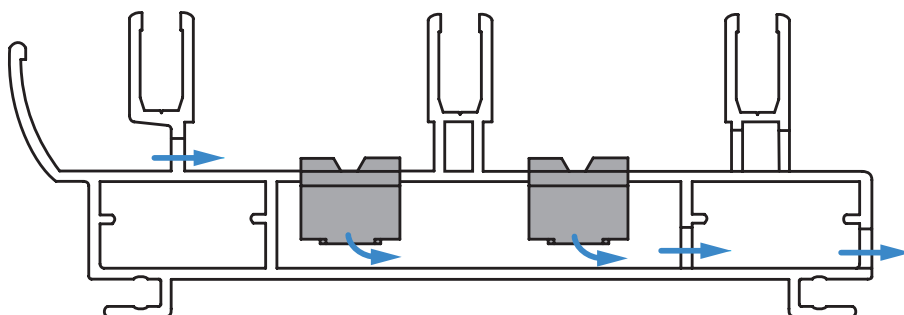
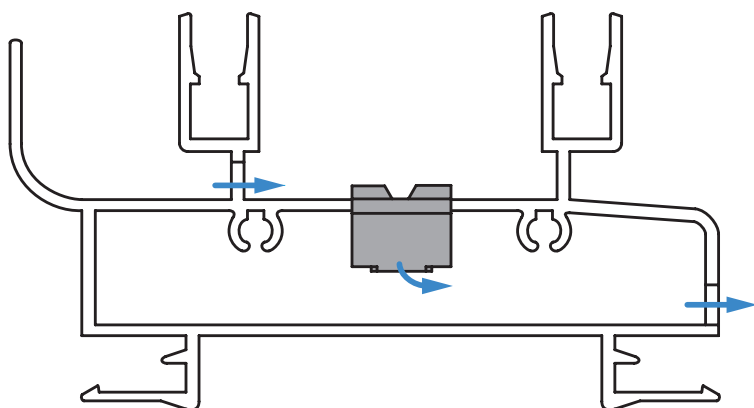
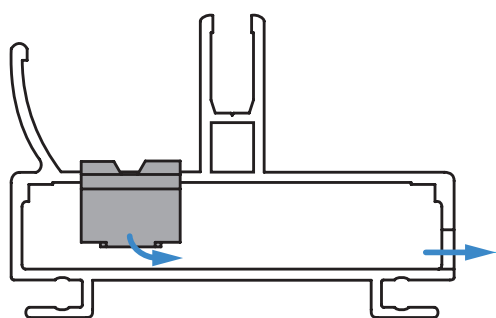
Valves positioning SV-9 NE BC and SV-12 BC





SECURITY VALVE

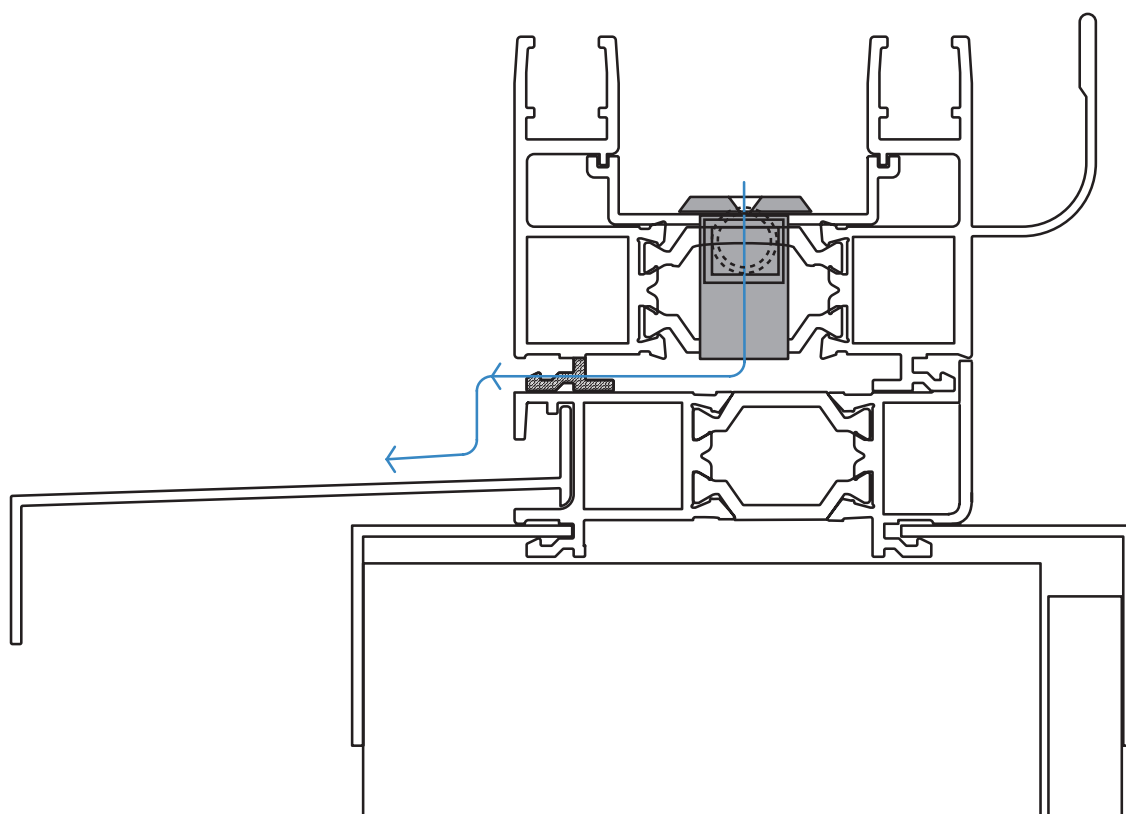
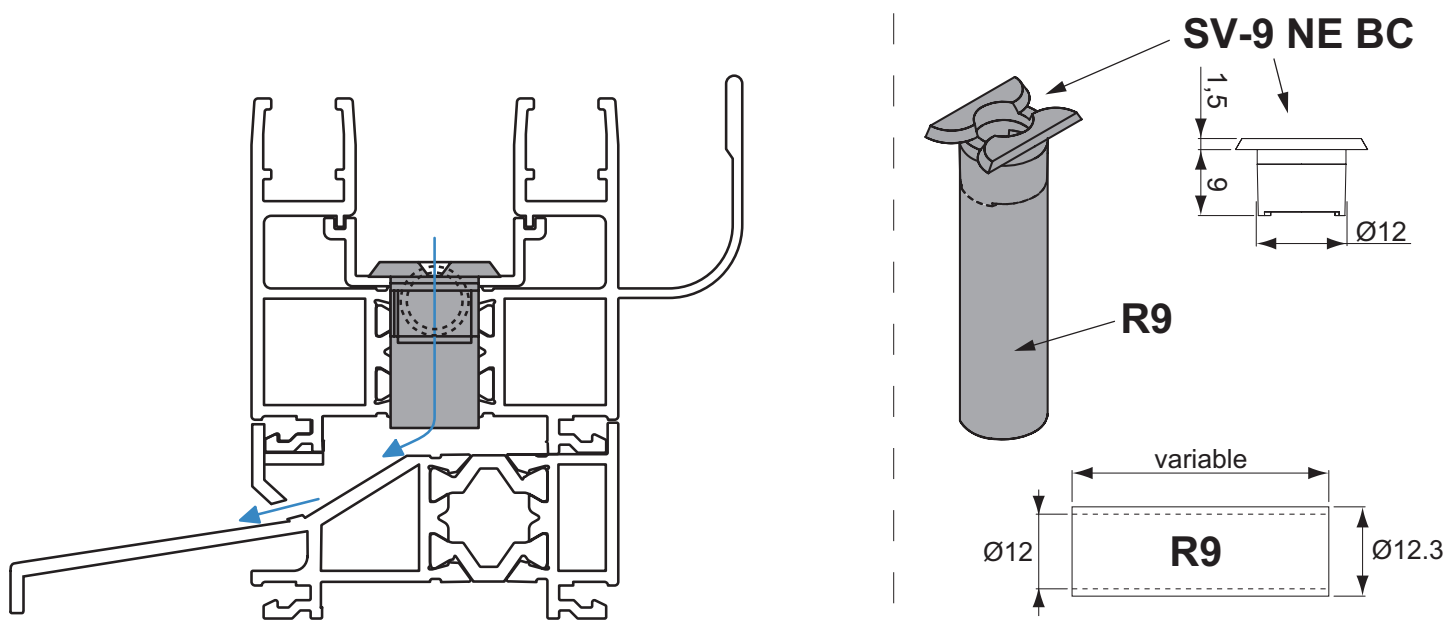
SV-9 NE BC and SV-12 BC positioning on sliding door





SECURITY VALVE

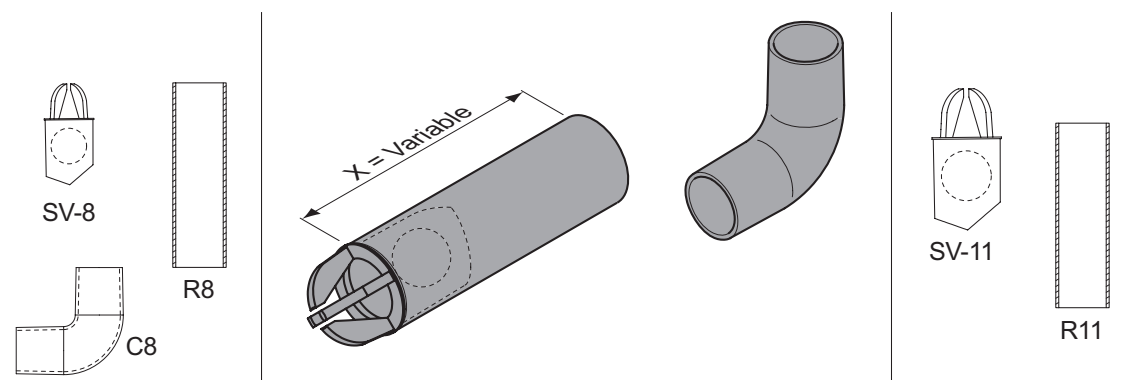
SV-9 NE BC with extension R9



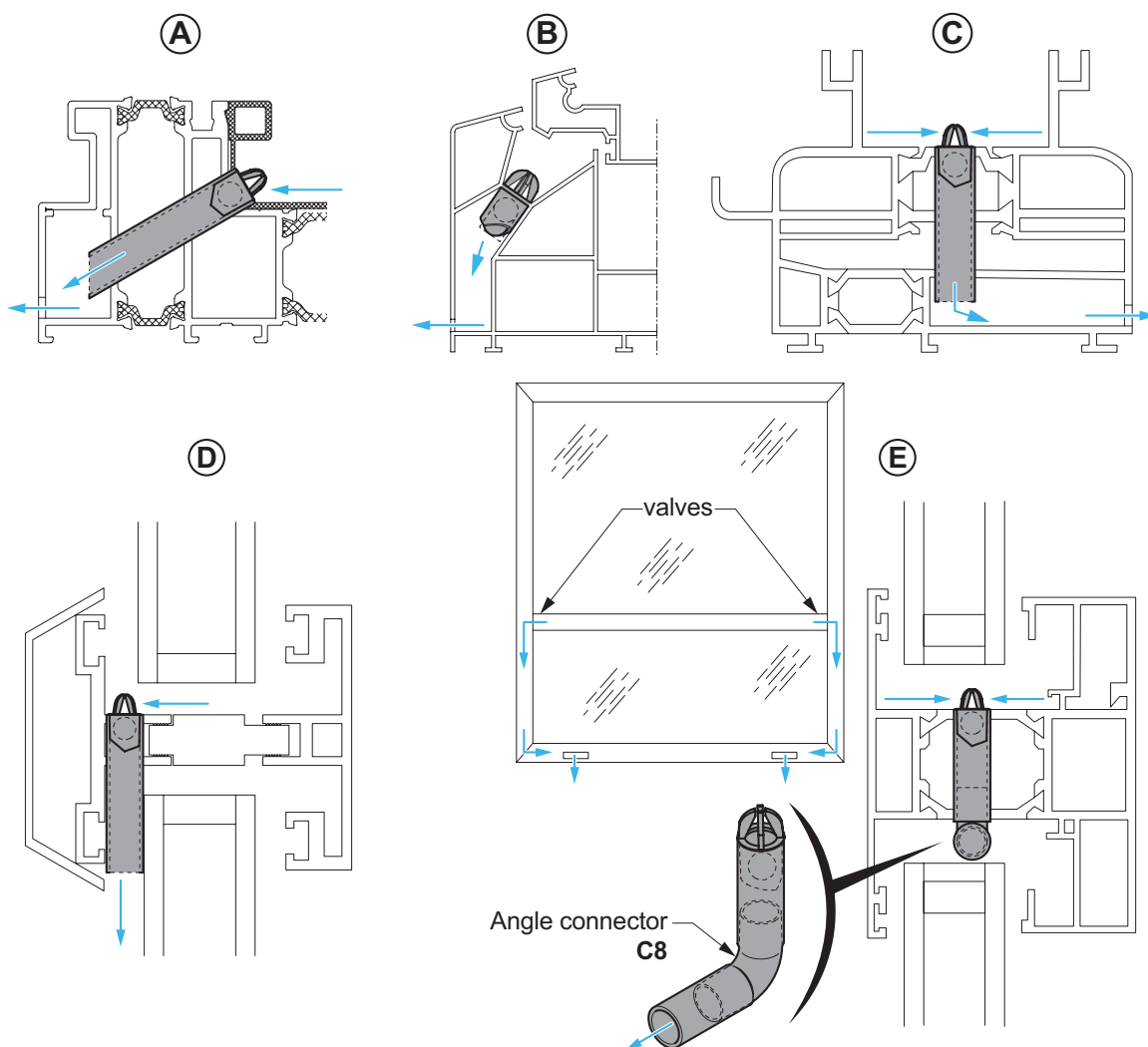


SECURITY VALVE

Examples of applications valves SV-8 and SV-11



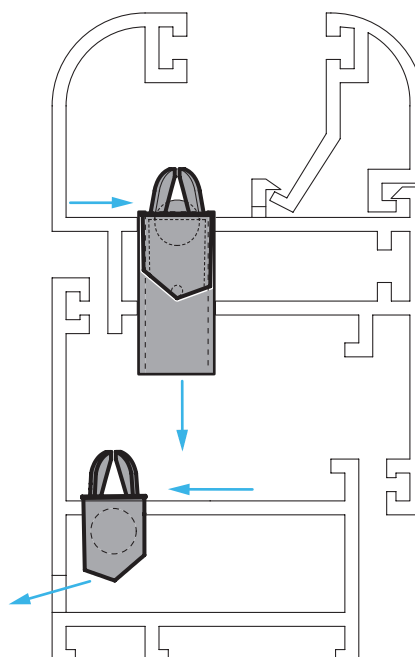
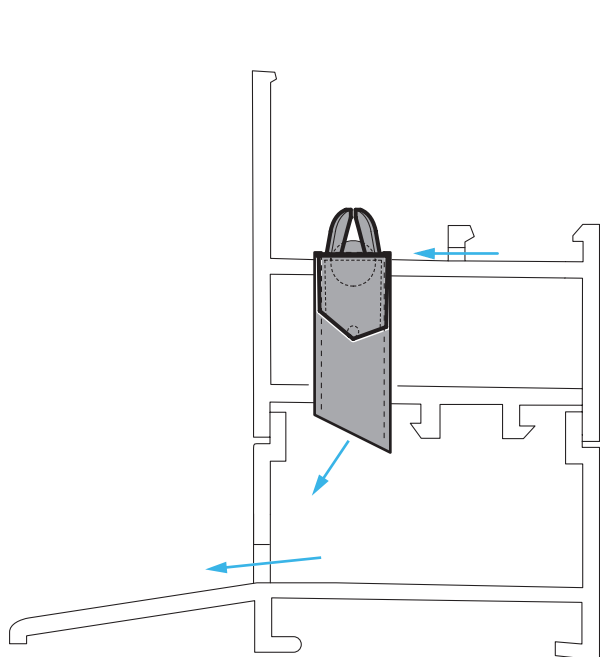
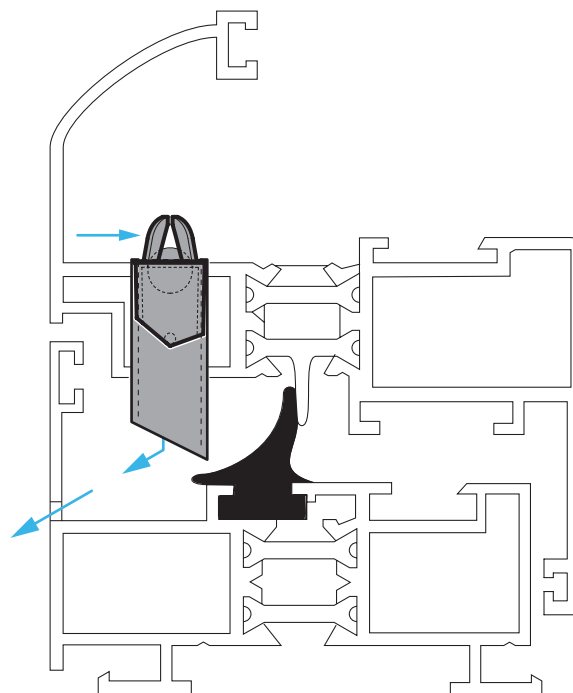
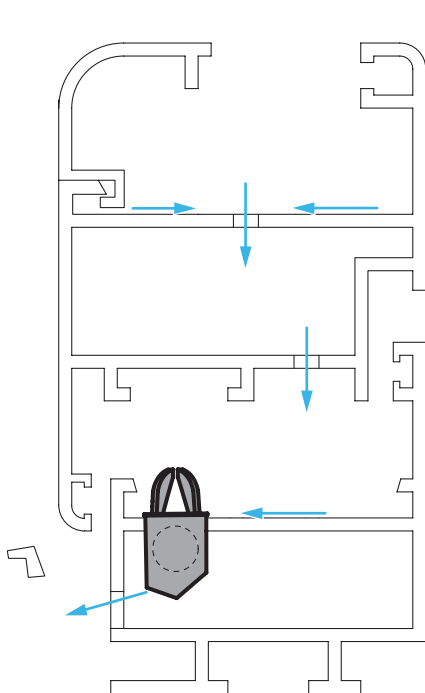
Examples of applications





SECURITY VALVE

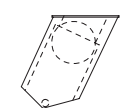
Examples of applications valves SV-8 and SV-11



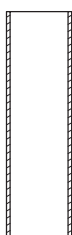


SECURITY VALVE

Examples of applications valves SV-8 ST

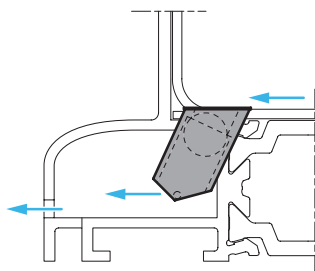


SV-8 ST

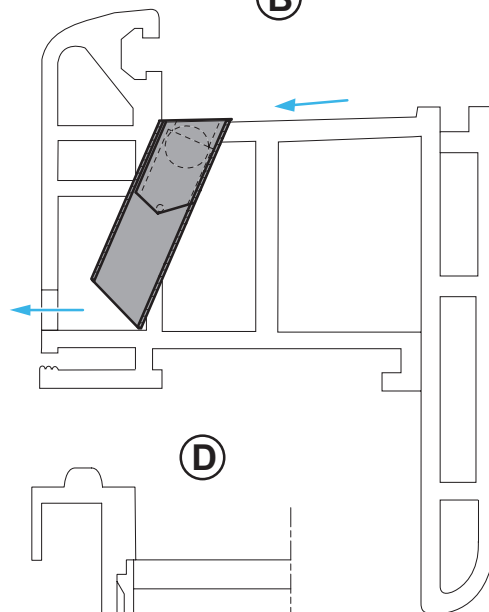


R8

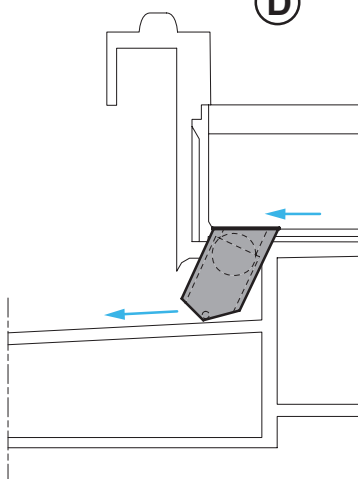
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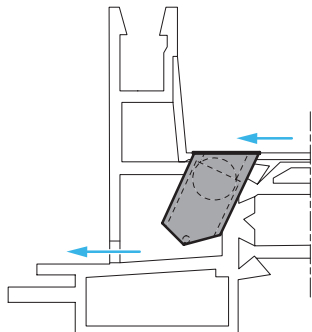
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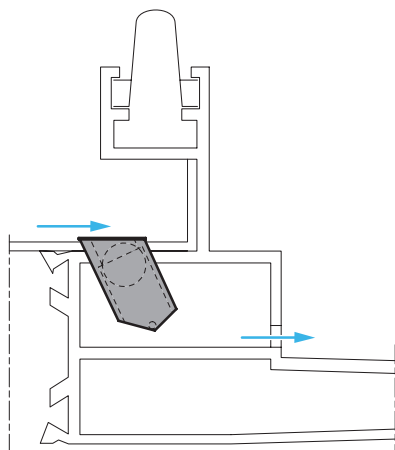
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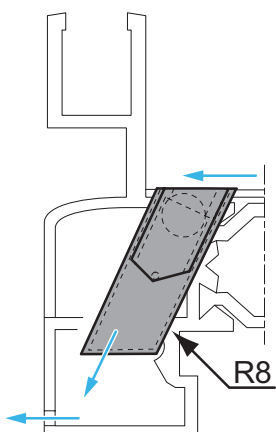
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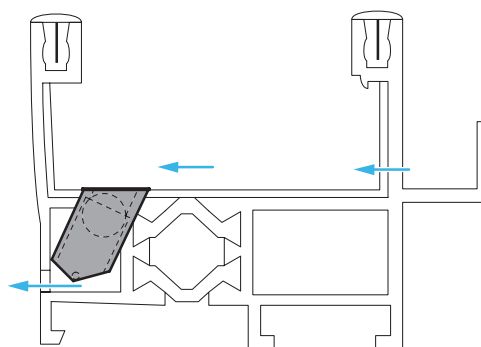
(E)



(F)



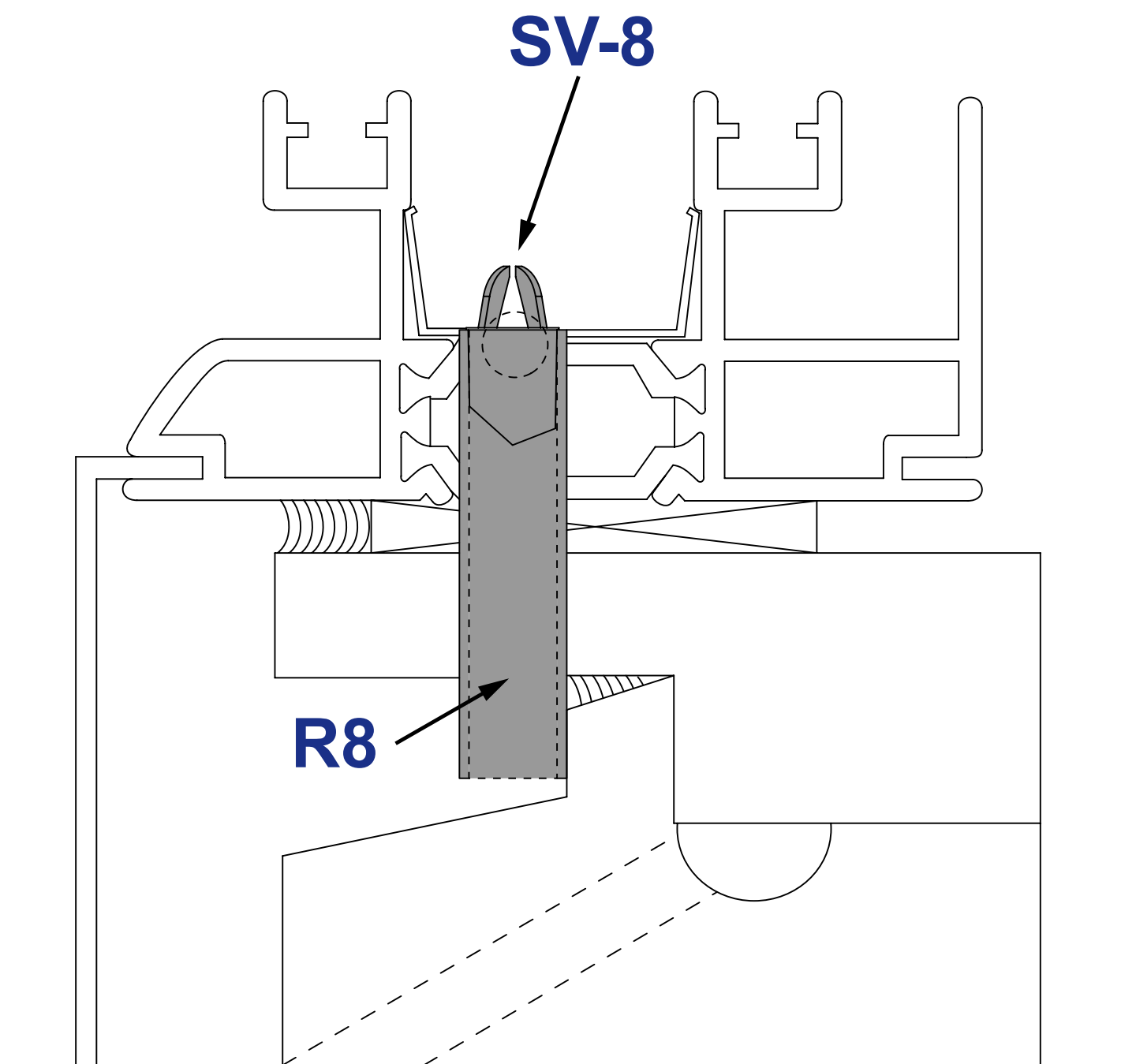
(G)





SECURITY VALVE

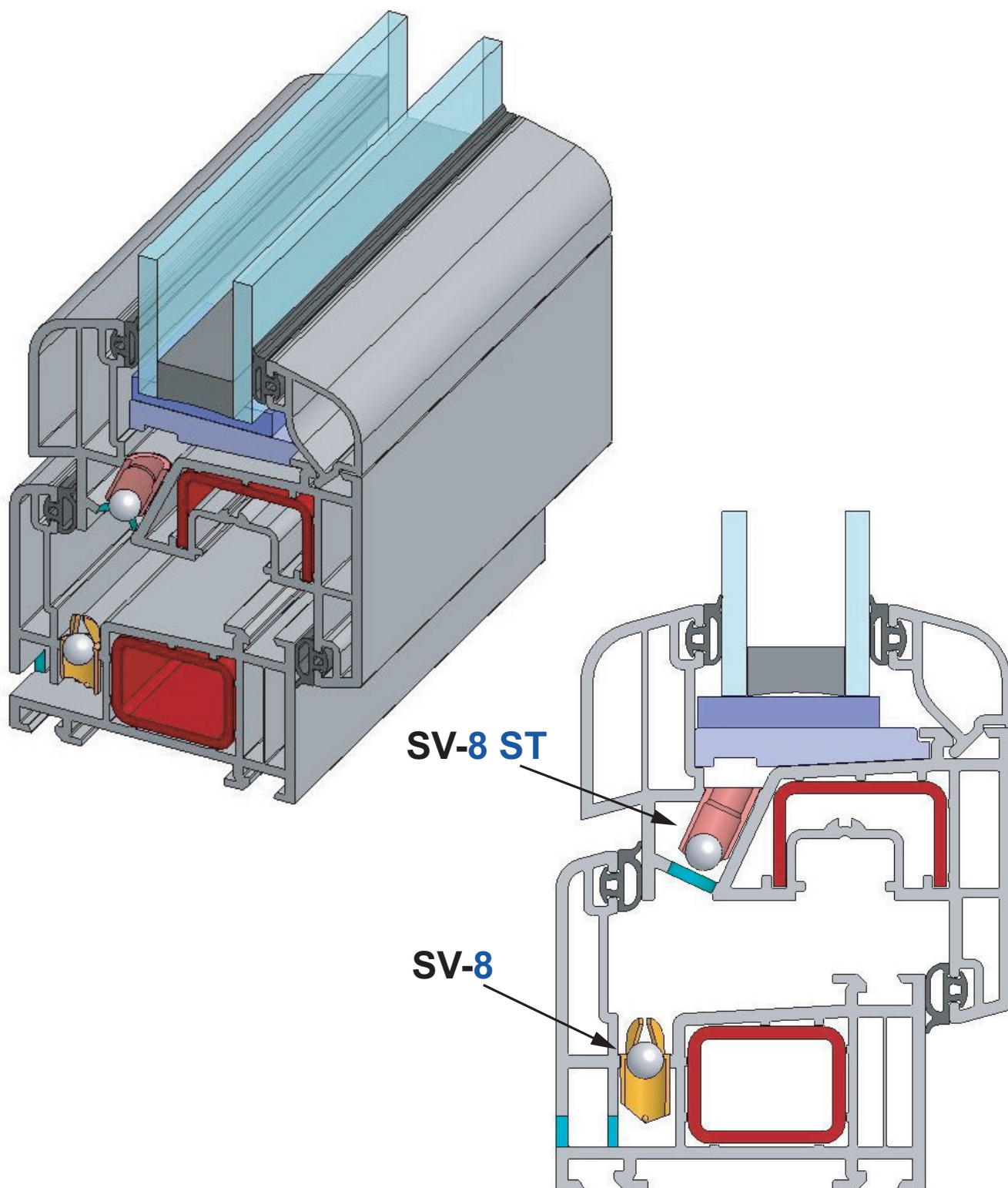
SV-8 + R8 for renovation





SECURITY VALVE

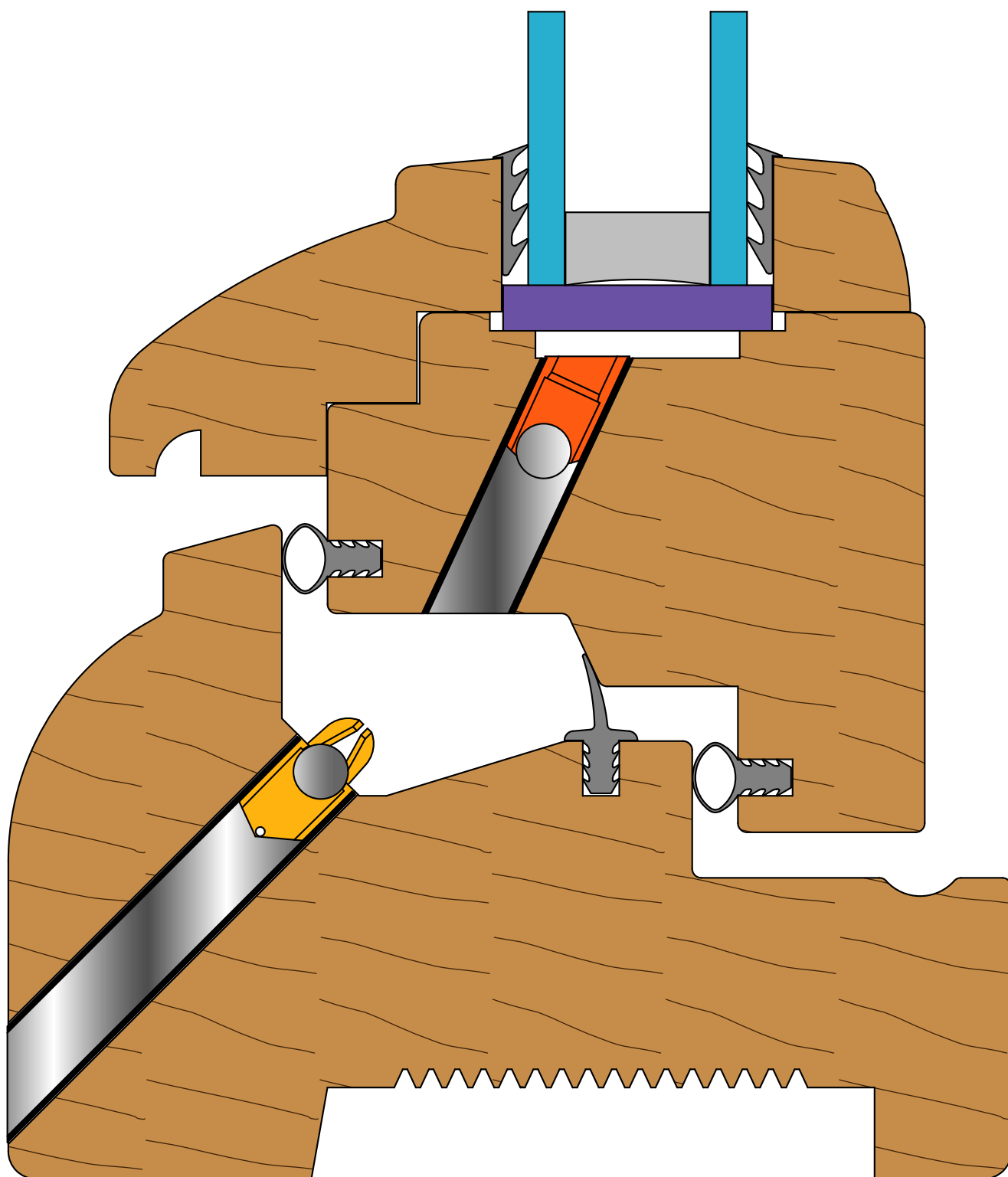
SV-8 and SV-8 ST application on joinery PVC





SECURITY VALVE

SV-8 and SV-8 ST with extension R8 application on wood joinery

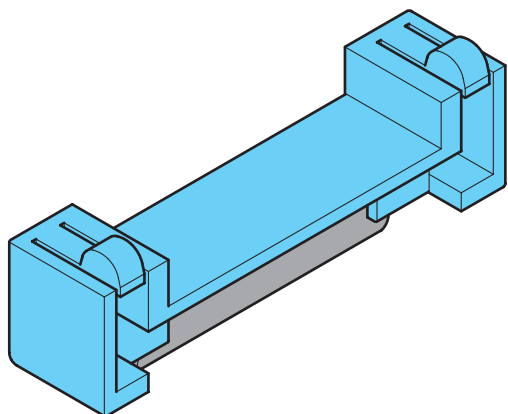
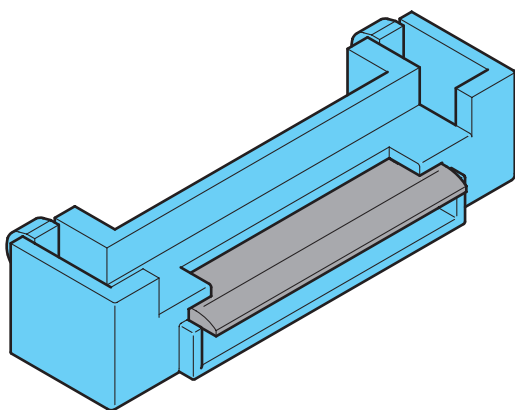




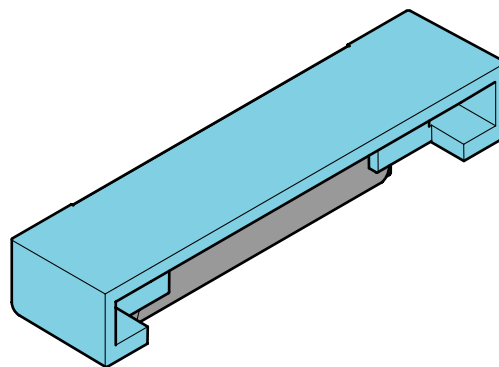
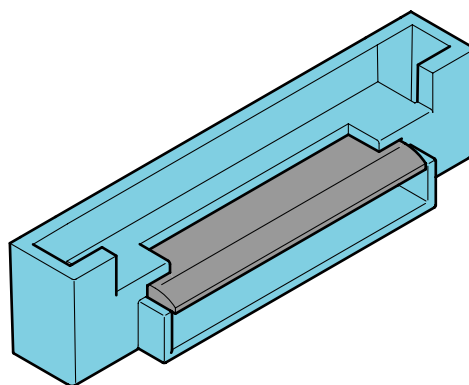
SECURITY VALVE

Inside/hidden flap valves

SV-C / SV-B



SV-A1



■ **Material**

Plastic ABS.

■ **Color**

Transparent : clear (Other colors available).

■ **Same Advantages all models**

- 1) Front install :
Invisible = Best aesthetically
Protected by the profile = Extra durability
- 2) Perfect vertical drainage :
Optimized drainage with a drain surface area of 110 mm²

■ **Applications and assembly**

The «C» valves are designed for sliding French windows. The valve is inserted under the rail and held in place by its clamps. It is practically invisible seen from the inside.

The «A» valves are also designed for sliding doors and for all door and window systems and frontages. They are mounted merely by gluing or with double-edge adhesive tape.

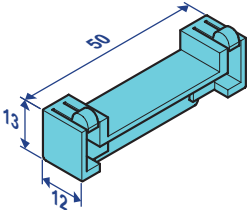
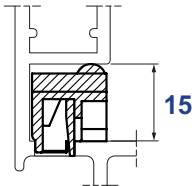
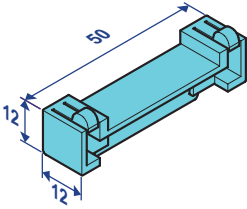
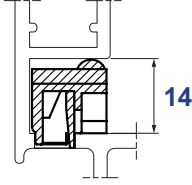
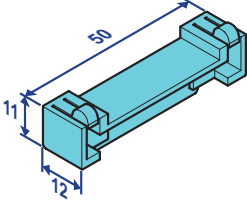
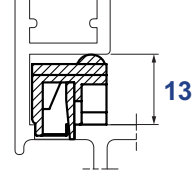
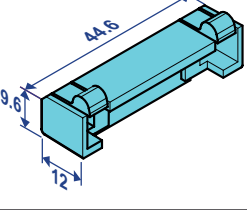
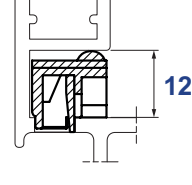
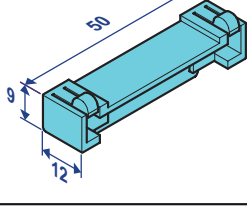
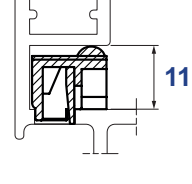
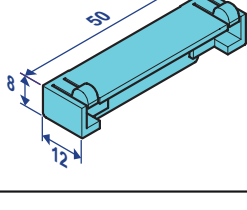
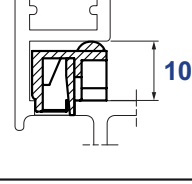
■ **Procedure**

The flap valve opens and closes with wind pressure and depressurization, enabling the opening to be blocked or to let through water infiltrations.



SECURITY VALVE

Flap valves - SV-C / SV-B models

References - Dimensions (mm)	Using dimensions
SV-B15 	
SV-C14 	
SV-C13 	
SV-B12 	
SV-C11 	
SV-C10 	

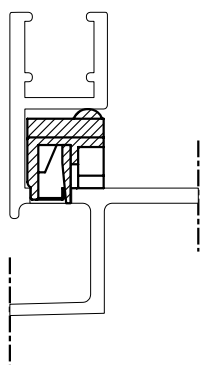


SECURITY VALVE

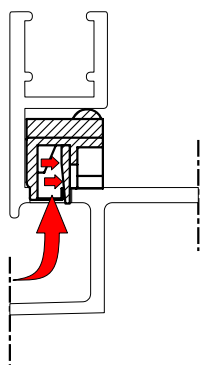
Operation flap valves SV-C model

OPERATION

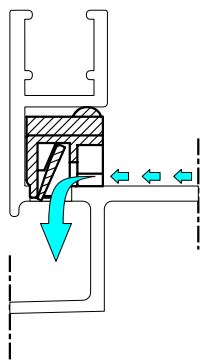
Idle



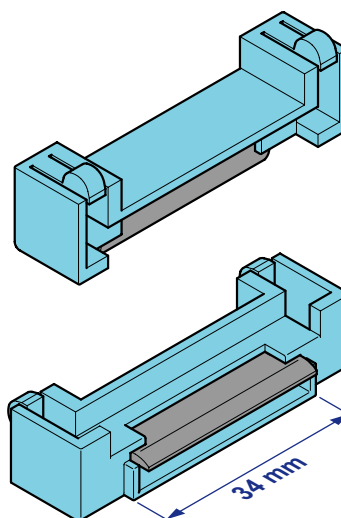
Pressure



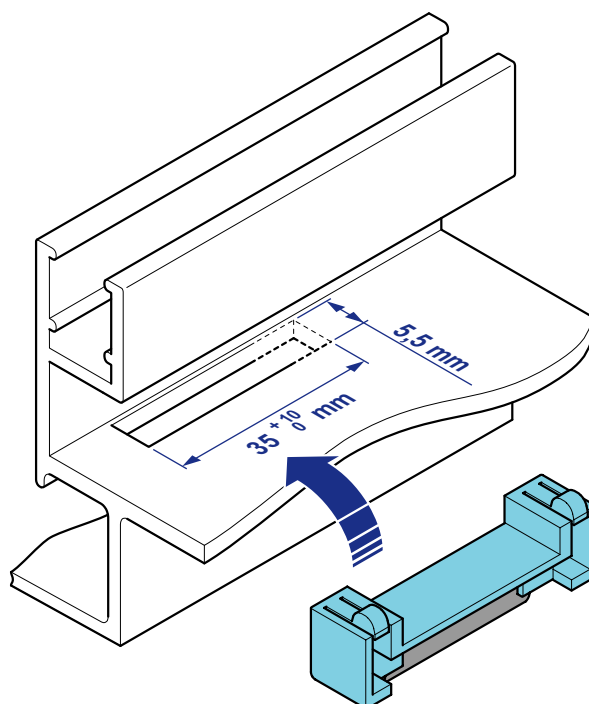
Depressurization / Drainage



SV-C



ASSEMBLY AND POSITIONING





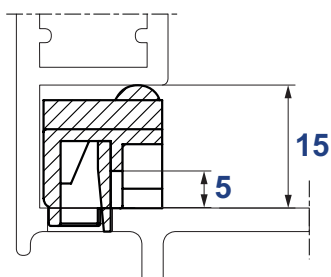
SECURITY VALVE



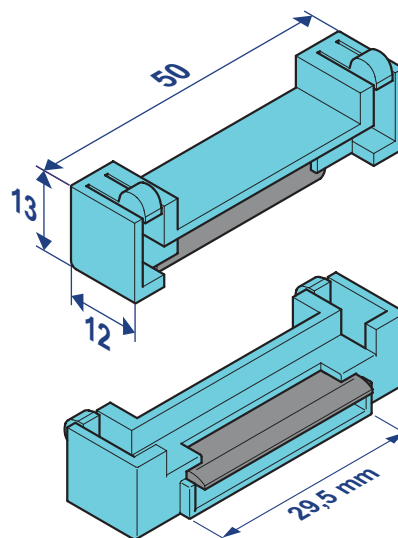
Valves SV-C15 and SV-B12 possible variant

Flap valves SV-B15 models

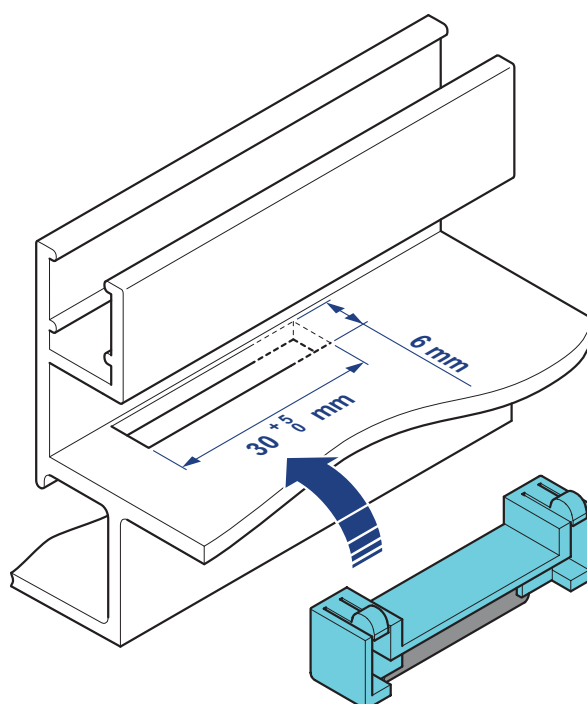
USING DIMENSIONS



SV-B15



ASSEMBLY AND POSITIONING





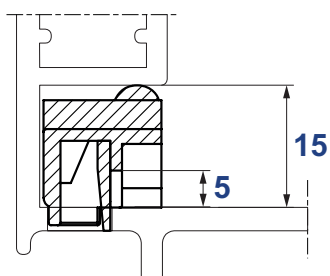
SECURITY VALVE



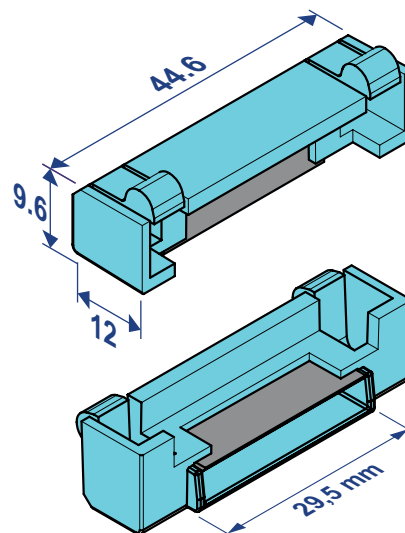
Valves SV-C15 and SV-B12 possible variant

Flap valves SV-B12 models

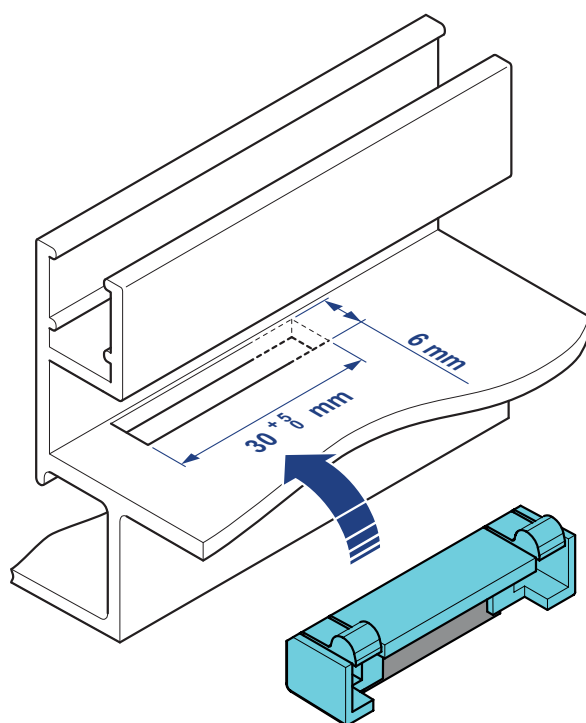
USING DIMENSIONS



SV-B12



ASSEMBLY AND POSITIONING





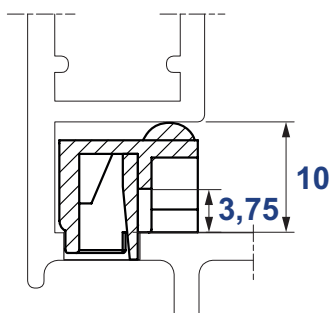
SECURITY VALVE



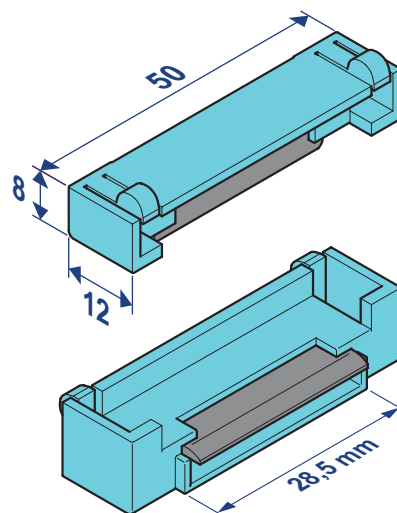
Valves SV-C10 possible variant

Flap valves SV-H10 models

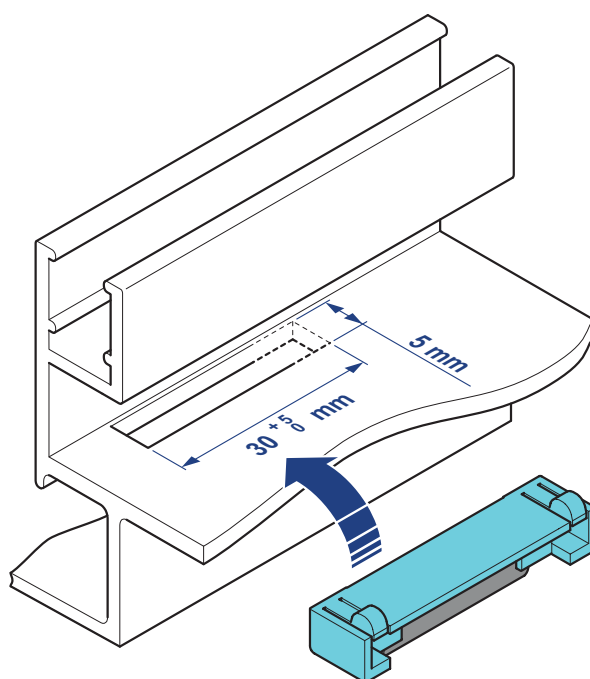
USING DIMENSIONS



SV-H10



ASSEMBLY AND POSITIONING



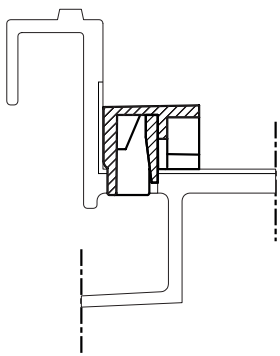


SECURITY VALVE

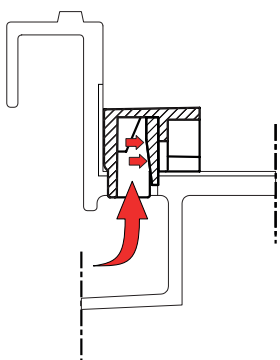
Operation flap valves SV-A model

OPERATION

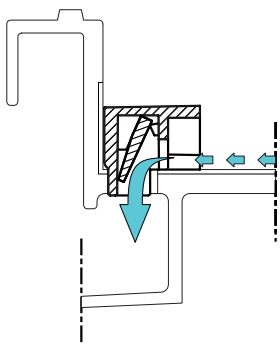
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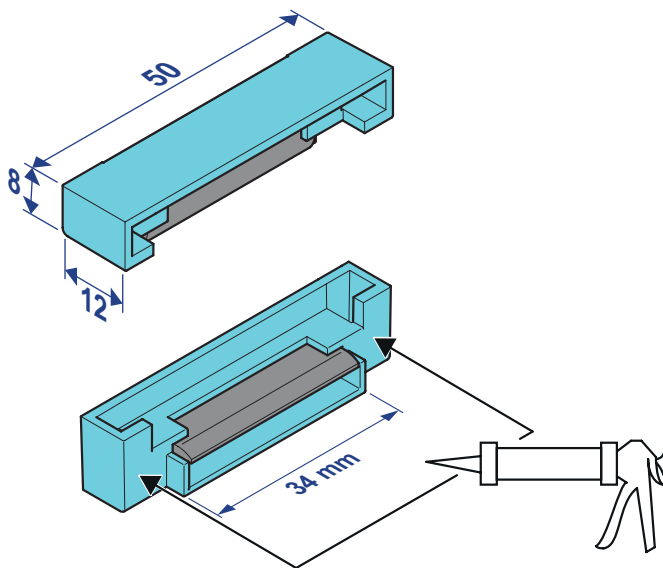
Pressure



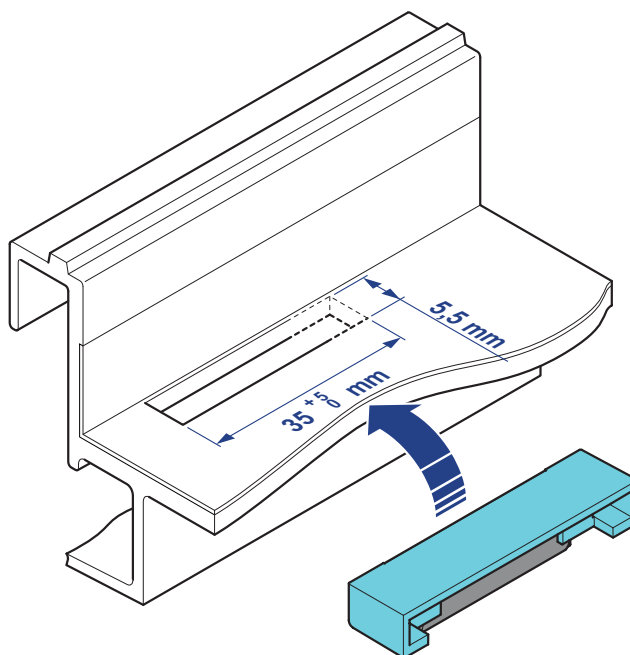
Depressurization / Drainage



SV-A1



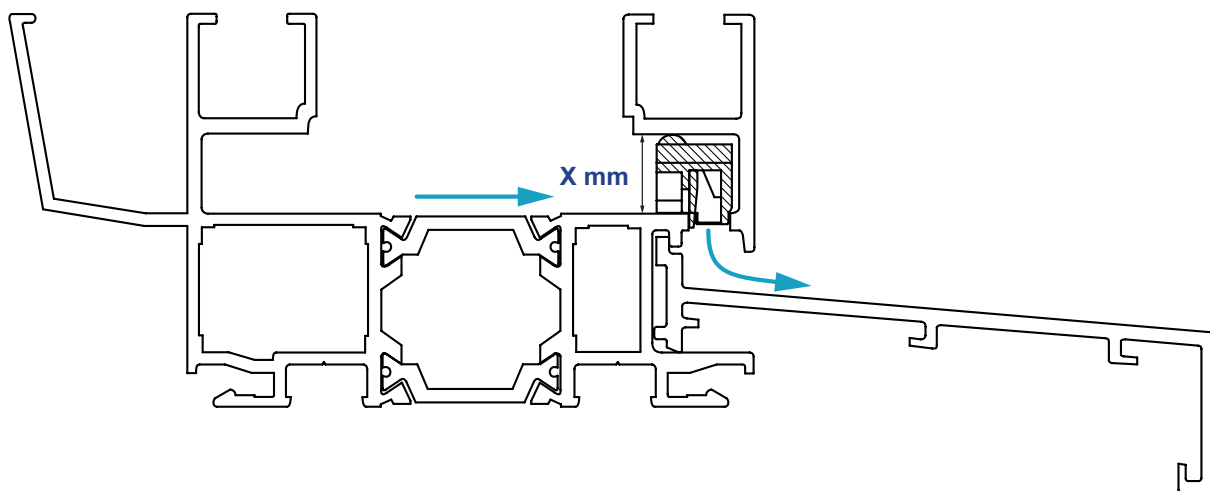
ASSEMBLY AND POSITIONING





SECURITY VALVE

Operation flap valves

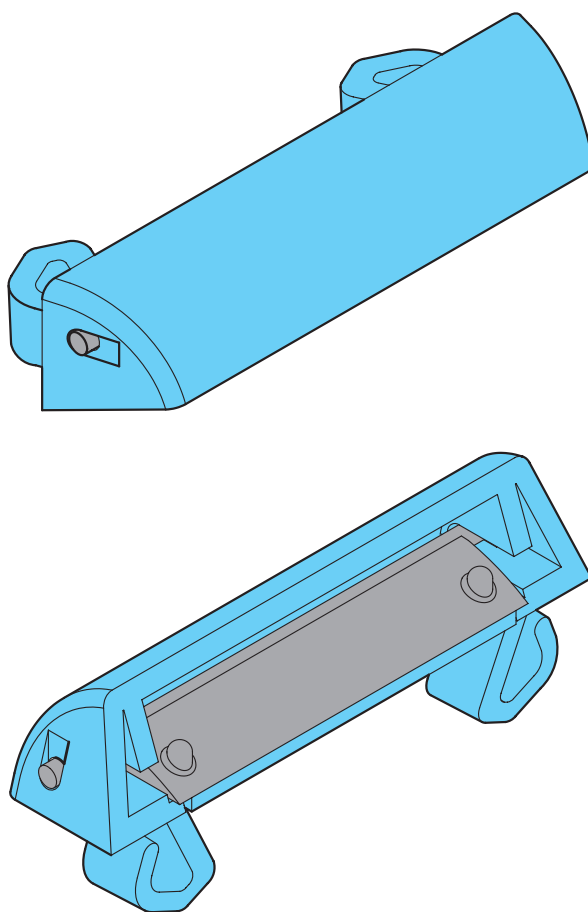




SECURITY VALVE

Outside flap valves

SV-E



■ Matériel

Polyamide.

■ Color

Black, white or light grey (RAL7035).

■ Benefits

Low cost solution for the necessary water drainage.

Polyamide provides a required durability for its outdoor use.

Allows a 130 mm² of water evacuation.

Easy installation or renovation by clipping the SV-E from the outside.

■ Application and installation

The SV-E are the basic of the horizontal drainage. They are suitable to any profile and their install is quick and easy.

An opening window on the profile of 31/34 mm x 5/6,5 mm.

A slightly larger window might be necessary depending on the thickness of the wall of the profile to allow an easy insertion of the SV-E

■ Option

The SV-E can be sold without the shutter (ref. SV-ESV), to hide the profile opening.

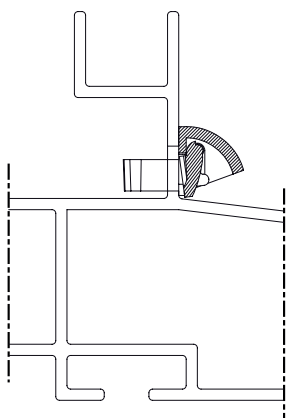


SECURITY VALVE

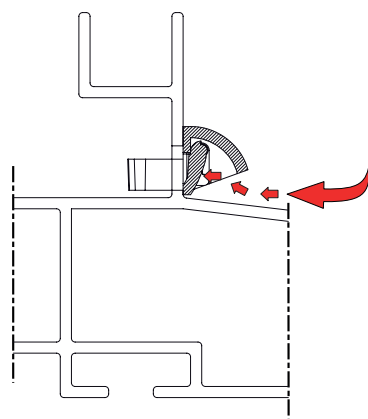
Operation flap valves SV-E model

OPERATION

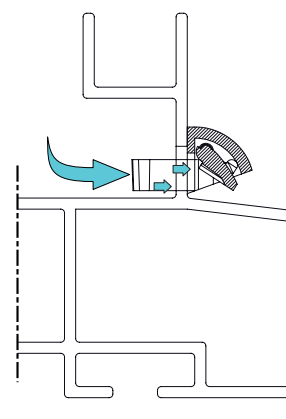
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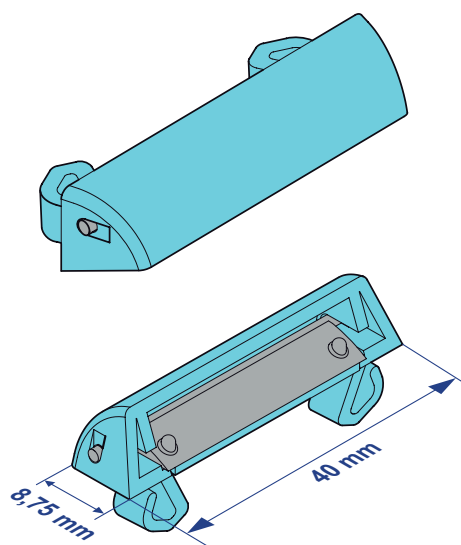
Pressure



Depressurization / Drainage



SV-E



ASSEMBLY AND POSITIONING

