

ESSENCE ALU

VS120 sliding, lift and slide

THERMALLY INSULATED PROFILES

lowered flushed threshold



anti-burglary/tampering hardware



Excellent commitment to technical and aesthetic demands. This window and door frame system allows engineers and architects to achieve extraordinary objectives, with an extremely wide range of applications.

SLIDING WINDOWS AND DOORS

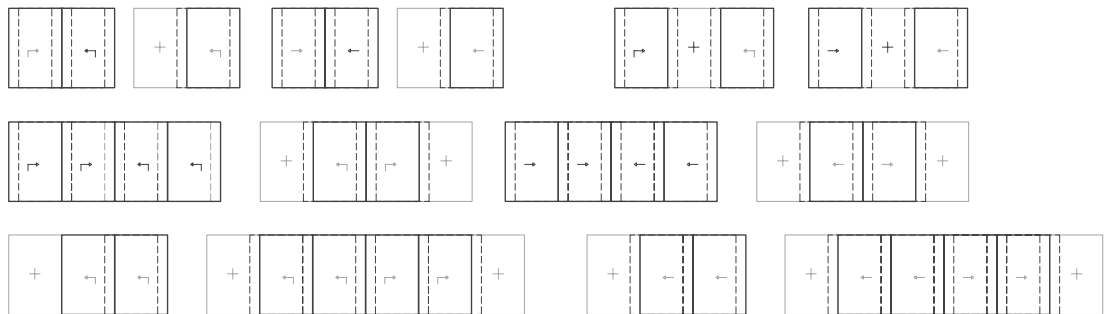
- > Thermally insulated system.
- > Slide or lift-and-slide systems with contained dimensions.
- > Multiple closing options.
- > Low-threshold solution maintaining water tightness and minimizing obstacles impeding access.
- > Sash and frame visible surface is 137 mm.
- > Glazing options from 12 mm up to 36 mm glass thickness.
- > Burglar-proof hardware (for lift-and-slide solution).
- > Capacity for 200 kg to 300 kg door.
- > Standard rails: from 2 to 3.

STANDARD SIZING LIMITS:

Up to L 1200 mm x H 2400 mm ** (4' x 8')
Max 300kg/sash

**Wind pressure: 10 psf

OPENING TYPE



TESTS & REFERENCE STANDARDS

Note: all measurements are made using the SI, the values shown can be approximated due to the conversion



AIR PERMEABILITY
CLASS LC PG 80



WATERPROOFING
CLASS LC PG 40

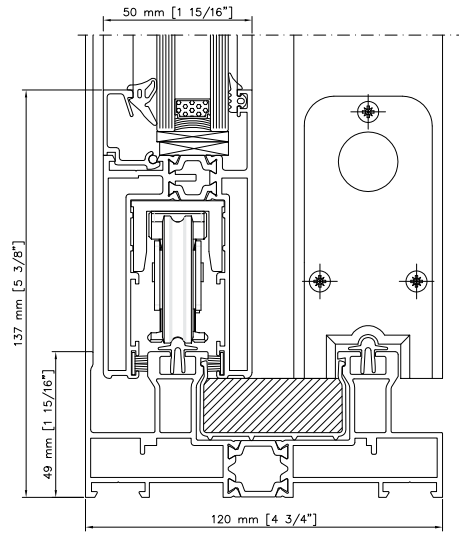
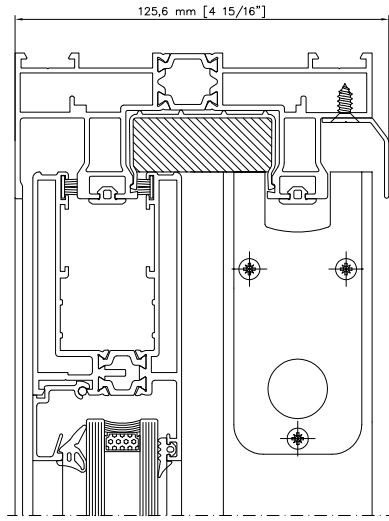
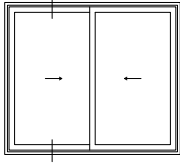


NOISE PERFORMANCE
38 DB

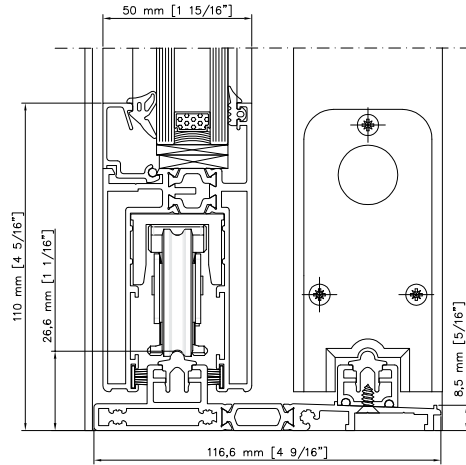
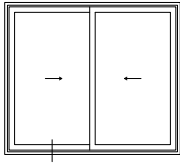


THERMAL TRANSMITTANCE
U=0.489 [BTU/HR FT² °F]

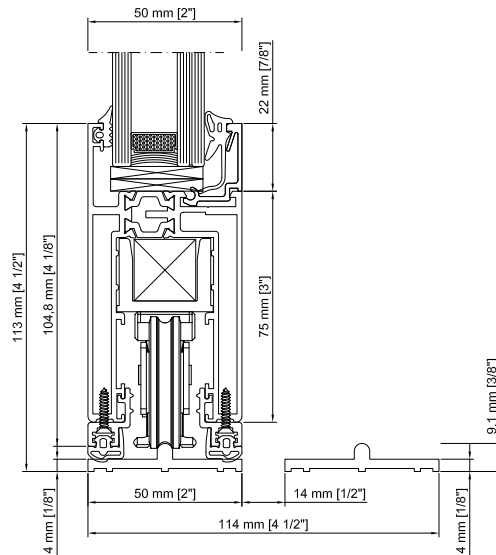
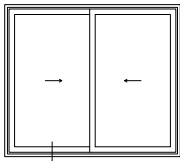
**2 RAILS
VERTICAL
SECTION**



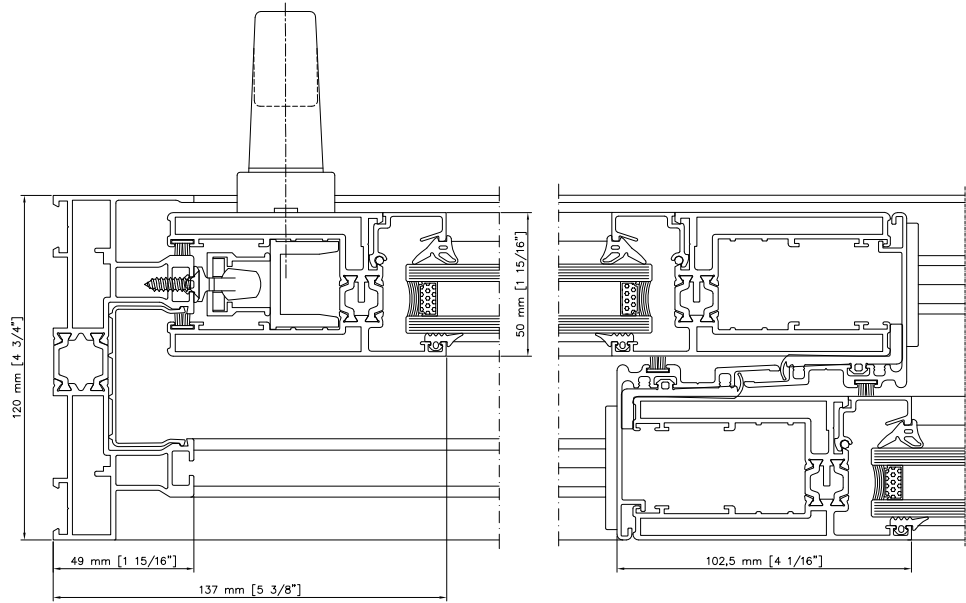
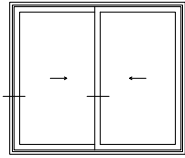
**2 RAILS
LOWERED
THRESHOLD
VERTICAL SECTION**



**2 RAILS
FLUSH
THRESHOLD
VERTICAL SECTION**



**2 RAILS
HORIZONTAL
SECTION**



**3 RAILS
VERTICAL
SECTION**

