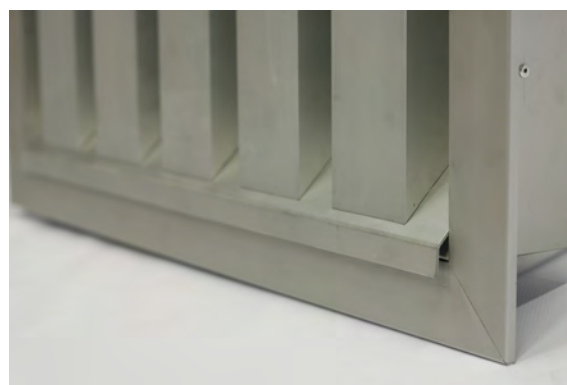


SLL

External Louvres / Sand Louvre Local



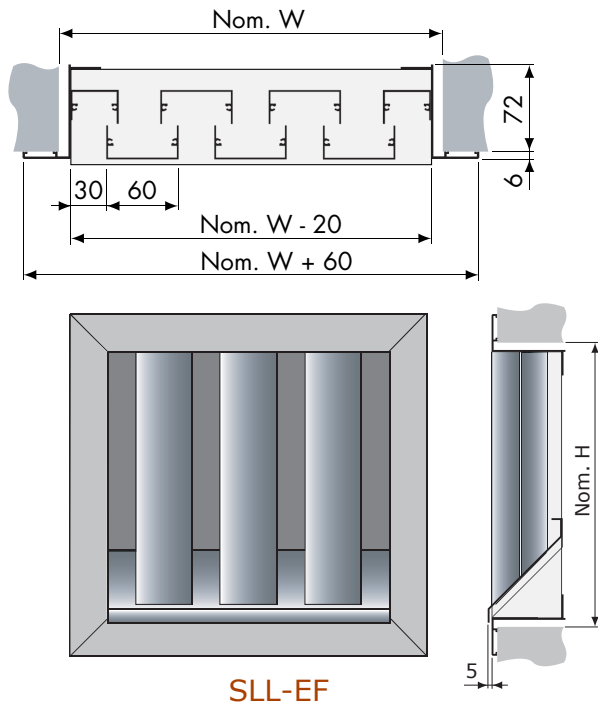
Permissible Sizes								
Min & Max Nominal Opening Width							Min & Max Opening Height	
	Single Panel		2 Panel		3 Panel			
	EF Frame	RF Frame	EF Frame	RF Frame	EF Frame	RF Frame		
Min	320	333	1605	1618	3130	3143	Min	300
Max	1520	1533	3045	3058	4570	4583	Max	1500

External Louvres

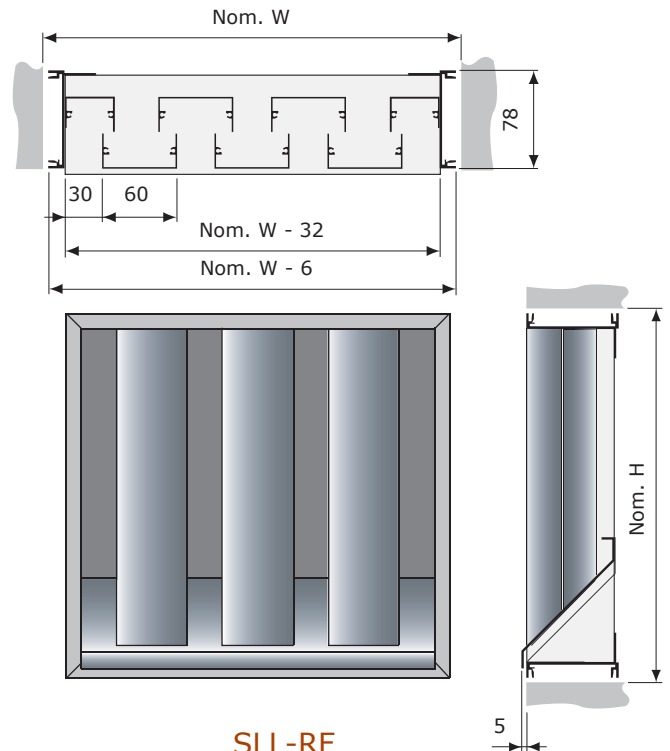


Sand Louvres Local

SLL-EF / SLL-RF



SLL-EF



SLL-RF

PRESSURE LOSS

The graph below gives static pressure loss across the louvre for intake or exhaust applications.

Filtration

The filtration performance is dependant on the dust type and the velocity of the air:

Particle Size Range	Filtration Efficiency in % at 1.0 m/s	Filtration Efficiency in % at 2.0 m/s
350-800	88	67
75-800	62	30

Example

For normal operation conditions the sand trap louvres should be rated for a face velocity of approx 1.0 m/s.

Volume flow	3.000 l/s (10.800) m ³ /h
With a face velocity of 1.0 m/s	
Area of louvre required	approx. 3 m ²
Dimensions selected	
– Assembly width	2000 mm
– Assembly height	2700 mm
Total pressure drop	approx. 27 Pa

