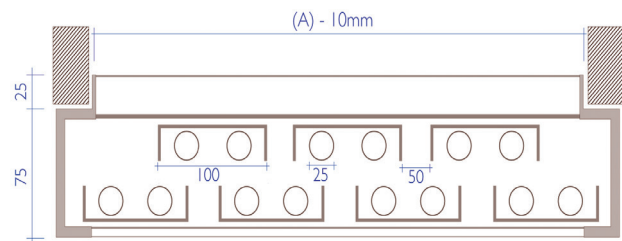
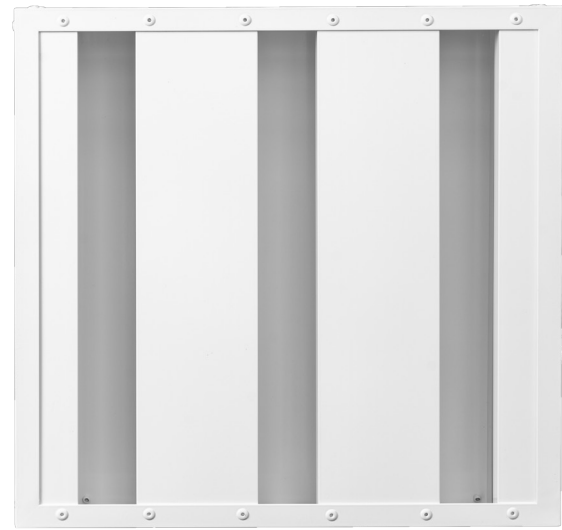


SAND TRAP LOUVER - WALL MOUNTED (STLW)

The STL is used to lower the dust loading of conventional filtration as it is designed to separate large size sand particles at low to medium speeds. It is also fitted with a bird screen mesh made of galvanized steel to protect against undesired objects. Insect screen of stainless steel can be installed as optional.

The STL is a self emptying system, it has a set of holes at the bottom face of the casing to discharge separated sand particles.

The STL is made of aluminium sections. It is composed of two sets of inverted U channels, mounted vertically on two opposite rows. Aluminium washable filter (optional) can be installed on the neck of the louver. Filter is 25mm thick.



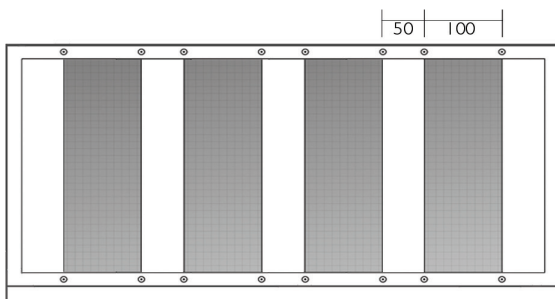
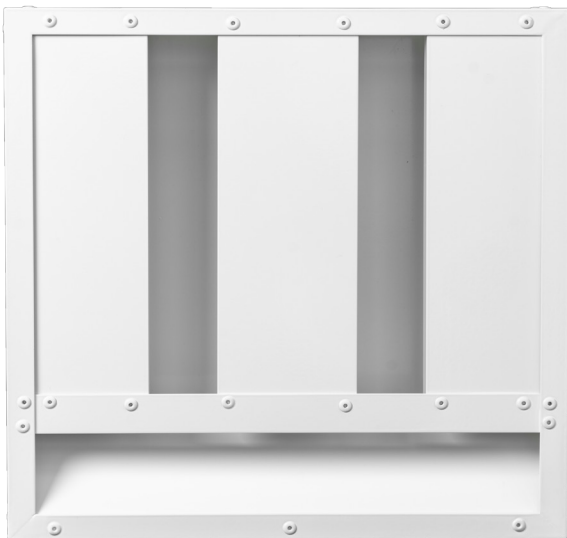
STANDARD DIMENSIONS

Any combination of A x B.

A	450	600	750	900	1050	1200	1350	1500	1650	1800	1950
B	450	500	600	800	1000	1200					

Other size B, available on request by step of 50mm.

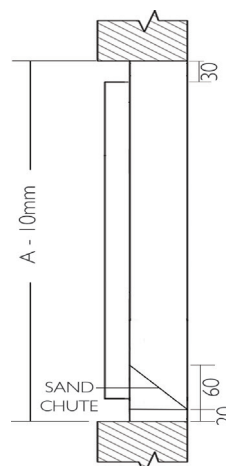
SAND TRAP LOUVER - FLUSH MOUNTED (STLF)



Designed to separate sand and dust from the air stream. Generally used for ventilation applications and at the inlet duct of air handling unit.

Surface of the louver is fixed flush with the plane of the wall. Composed of two sets of inverted U-channels mounted vertically in two opposite rows.

The filtered sand will be drained through a sand chute. Sand chute is an inclined tray fixed at the bottom of the louver for the purpose of draining sand.



STANDARD FINISHES

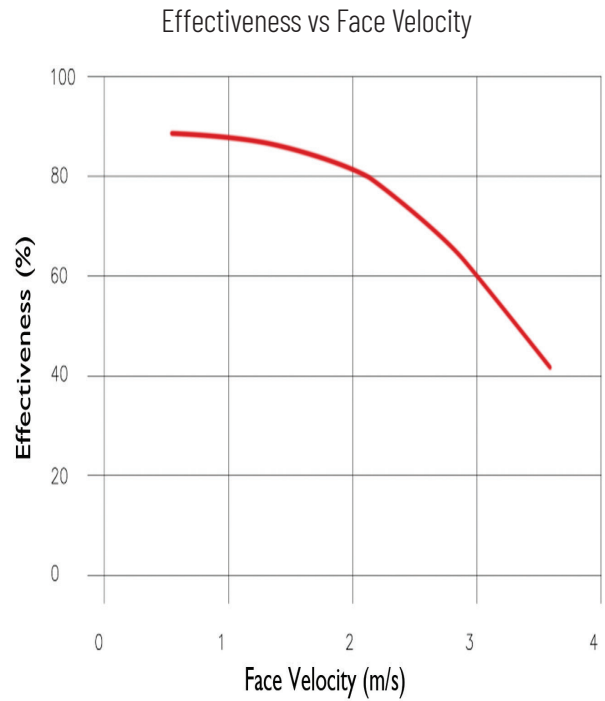
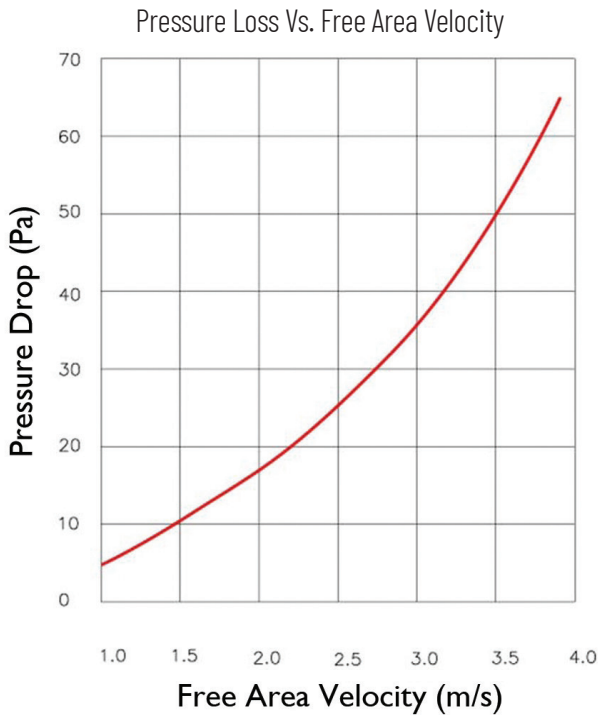
Available on RAL 9010 or 9016.

Other powder coated color finishes are available on request.

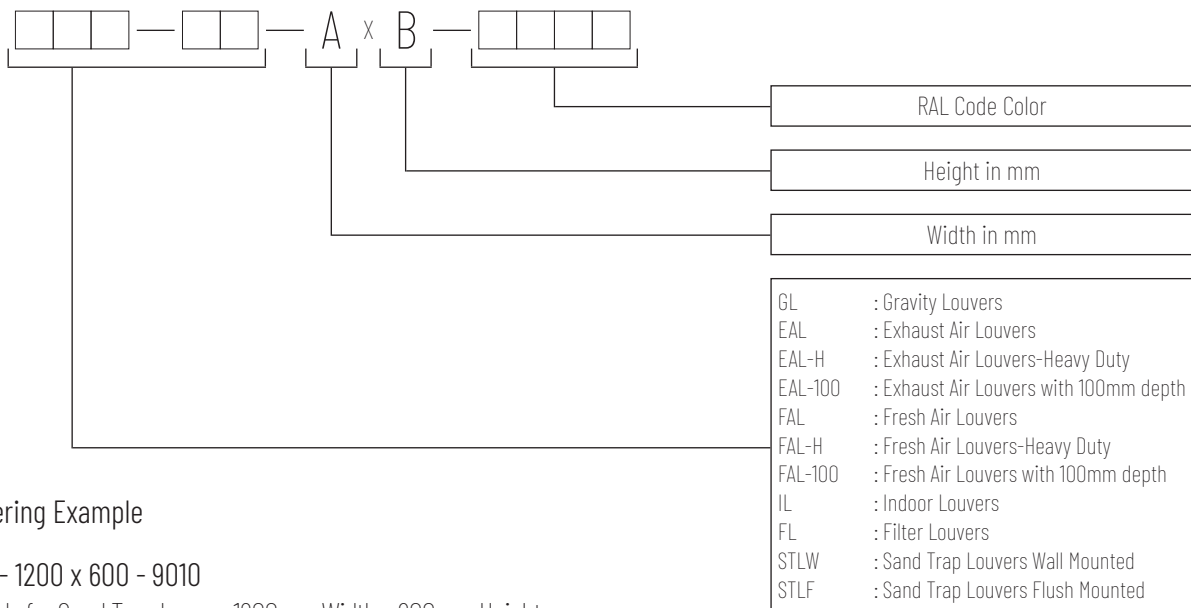
PERFORMANCE CHART

Tested in accordance with BS EN 13181 : 2001 at different core velocities varying from 0.5 to 3.5m/s with grade of sand ranging from 76-700 micron.

Standard Free area = 33%



ORDERING SYSTEM



Ordering Example

STL - 1200 x 600 - 9010

Stands for Sand Trap Louver, 1200mm Width x 600mm Height, powder coated to RAL 9010.