

OHL | ST Series

2 OR 4 ROW SOUND TRAP

The Holyoake Sound Trap Attachment is a modular assembly designed primarily to be installed to the rear of any louver within the Holyoake range to reduce the sound transmission to and from the environment.

The main advantage of incorporating the ST units to the rear of the standard louver profiles lies in having the ability to achieve a high acoustic capability from the louver whilst maintaining the visual aesthetics of the conventional external system.

The need for the installation of unsightly acoustic panels can be removed with the use of the ST units in combination with louvers from the standard Holyoake range.

The ST units are fabricated with two options: the OHL - ST2 and the OHL - ST4. The choice of which will be dependent on the actual site and the desired attenuation.

Each unit consists of a number of cylindrical sound absorbing elements, set in a staggered arrangement and mounted either vertically or horizontally. These elements are mounted in a sheet metal or aluminium sheet housing designed for the louver selected.

Note:

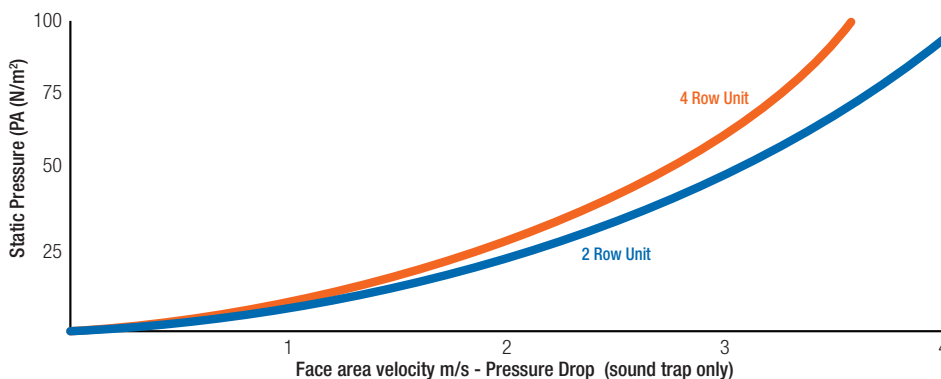
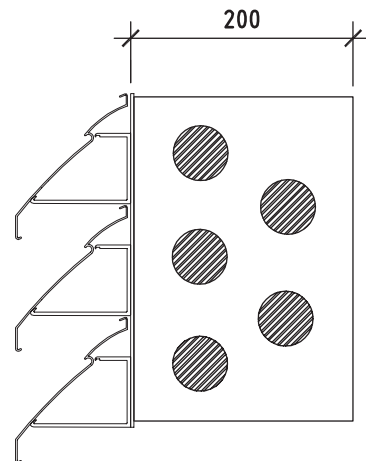
- Louver to be specified by the customer.
- The maximum single unit size is 2400w x 1000h.
- Standard Sound Trap units are constructed using 1.2mm aluminium steel.
- Acoustic Sound Traps can be configured horizontally or vertically.
- 4 row sound trap option available at a length of 400mm.

MODEL OHL-ST

FEATURES

- 2 or 4 Row Acoustic Treatment
- Modular Assembly
- Obstructed Line of Sight

DIMENSIONAL DATA



Frequency Hz	63	125	250	500	1K	2K	4K	8K
Noise Reduction to Free Field (dB)								
2 Row Unit - ST2	14	15	17	20	24	26	27	27
4 Row Unit - ST4	16	17	19	24	35	40	41	39
Insertion Loss (dB)								
2 Row Unit - ST2	0	1	3	5	6	13	8	11
4 Row Unit - ST4	0	1	6	9	12	19	18	15