

# ACOUSTIC LOUVRES - OVERVIEW

## Louvre Overview

The following tables are provided for at a glance comparison of louvre performance when specifying for a project. Please download the specific product's data sheet for full information at [www.acoustichardware.co.uk](http://www.acoustichardware.co.uk)

### Acoustic Performance – Transmission Loss

Octave band C frequency	63	125	250	500	1k	2k	4k	8k
100mm Ac Louvre	5	4	5	6	9	13	14	13
150mm Ac Louvre	6	6	8	10	14	18	16	15
300mm Ac Louvre	6	7	10	12	18	18	14	13
150mm Ac Louvre Dbl bank	7	8	10	20	24	33	33	35
BE-LP Ac Louvre	4	5	8	9	12	9	7	6
BE-SP Ac Louvre	5	7	11	12	13	14	12	9
300mm Ac Louvre Dbl bank	7	9	12	24	31	33	29	30
BE-LP Ac Louvre Dbl bank	5	8	12	16	22	18	15	14
BE-SP Ac Louvre Dbl bank	6	12	15	21	24	27	25	20

### Aerodynamic Performance and Dimensions

	Free Area	Depth	Weight (kg/m <sup>2</sup> )	Face Velocity @ 20Pa
100mm Ac Louvre	52%	100mm	20	1.3 m/s
150mm Ac Louvre	32%	152mm	30	0.73 m/s
300mm Ac Louvre	45%	300mm	50	1.3 m/s
150mm Ac Louvre Dbl bank	32%	305mm	70	0.51 m/s
BE-LP Ac Louvre	52%	305mm	35	1.73 m/s
BE-SP Ac Louvre	43%	305mm	40	1.39 m/s
300mm Ac Louvre Dbl bank	45%	600mm	100	0.94 m/s
BE-LP Ac Louvre Dbl bank	52%	610mm	80	1.41 m/s
BE-SP Ac Louvre Dbl bank	43%	610mm	80	1.07 m/s