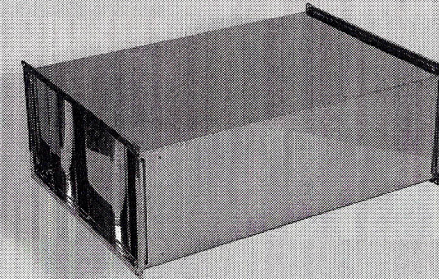




R02 6



R02 6 RECTANGULAR SILENCER

Available in **eight** standard lengths R02 6 Rectangular Duct Mounted Silencers have excellent attenuation properties, achieved with sound absorbing infill splitters, retained in the attenuator casing by a perforated liner.

The resistance to airflow is a function of the face velocity and length. It is not recommended to select the R02 6 silencers with a face velocity above 6 metres per second without asking advice regarding re-generated self noise. We can advise on the selections and can perform system analysis to ensure the correct unit is specified.

- High performance rectangular duct silencer
- Eight standard lengths
- Many connection options
- Cross section dimensions in 1mm increments
- System pressure within ducted systems to 1500 Pa
- Special lengths on request

INSERTION LOSS (db) - CENTRE BAND FREQUENCY

PRODUCT CODE	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
R02 6-600	2	3	6	7	12	14	11	10
R02 6-900	3	6	11	19	24	24	15	11
R02 6-1200	4	7	15	26	29	32	20	14
R02 6-1500	5	8	19	33	39	39	25	17
R02 6-1800	6	10	21	36	45	45	28	19
R02 6-2100	7	13	25	43	50	50	33	21
R02 6-2400	7	15	28	49	50	50	38	25

RESISTANCE TO AIRFLOW (Pa)

FACE VELOCITY M/S	2.5	3.0	4.0	5.0	6.0
R02 6-600	12	16	23	43	63
R02 6-900	12	16	24	44	64
R02 6-1200	13	17	25	45	67
R02 6-1500	13	17	25	46	68
R02 6-1800	13	18	26	47	72
R02 6-2100	14	19	27	51	74
R02 6-2400	15	19	28	54	78

Insertion loss data is derived from continual testing to BS4718 and other standards in independent UKAS certified laboratories, which includes where appropriate re-generated or self noise testing in both forward and reverse flow conditions. If you request system analysis from our technicians all predictions will be assessed using the relevant certified insertion loss data together with relevant dynamic corrections.

