

Air inlet - HT Drall

BSL-3

BSL-4

Laboratory rooms of classes BSL-3 and BSL-4 can be realized by means of turbulent mixed ventilation. The HT Drall air inlet ensures reliable and safe extraction of exhaust air. The ventilation connection is made by means of a flange connection and enables the air inlet to be connected to the filter technology using of stainless steel piping in the flange connection system.

The connection pieces on the housing can be on the side or on top. Optionally, the air inlet at the flange connection can also be fitted with a gas-tight flap. The air inlet is fully welded and made of stainless steel, making it resistant to the cleaning agents and disinfectants used.

Special characteristics

Construction	fully welded stainless steel housing perforated air inlet plate top or side connection piece
Reliability	high tightness due to fully welded housing tight connection by means of flange connection
Area of application	BSL-3 und BSL-4 laboratories with a separate technical area for filter technology
Size	various sizes available for an air volume range from 0 m ³ /h bis 1250 m ³ /h
Connections	optional: gas-tight flap seal test

Material

Housing	stainless steel Mat. no. 1.4301 optional: stainless steel Mat. no. 1.4404
Air inlet plate	stainless steel Mat. no. 1.4301 optional: stainless steel Mat. no. 1.4404

Technical data

	Size 1	Size 2	Size 3
Housing size	347 x 347 x 380 mm	499 x 499 x 420 mm	653 x 653 x 470 mm
Connection Ø	DN 150	DN 200	DN 250
Plate size	401 x 401 mm	553 x 553 mm	706 x 706 mm
Exhaust air flow	200 m ³ /h	400 m ³ /h	1250 m ³ /h

