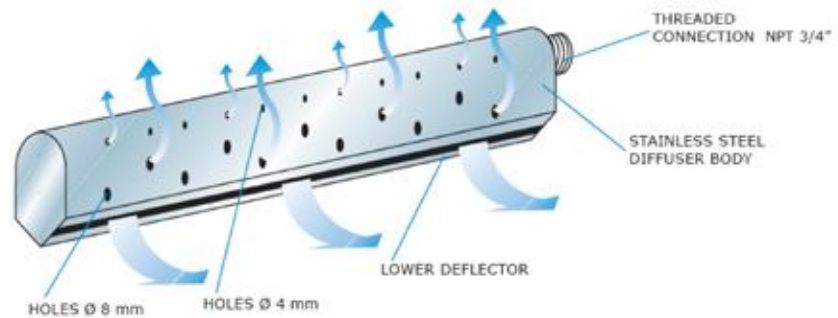


# JetFlex® CBD SS Coarse Bubble Diffuser



## Installation Drawing



## Dimensions / Material

Type	Length	Minimum Airflow	Nominal Airflow	Maximum Airflow	Material	Diameter of upper holes	Diameter of lower holes	Threaded connection	Head loss at nominal airflow	Average sSOTE (%/m) at nominal airflow**
D12	300 mm	4 Nm <sup>3</sup> /h	20 Nm <sup>3</sup> /h	40 Nm <sup>3</sup> /h	AISI 316 (V4A)	4 mm	8 mm	3/4\" NPT	9,5 cm water column 9.3 mbar	3.0
D24	610 mm	7 Nm <sup>3</sup> /h	40 Nm <sup>3</sup> /h	80 Nm <sup>3</sup> /h	AISI 316 (V4A)	4 mm	8 mm	3/4\" NPT	9,5 cm water column 9.3 mbar	3.0



JetFlex® CBD SS Coarse Bubble Diffusers are equipped with a 3/4\" NPT external thread. A deflector on the bottom prevents the accumulation of debris and minimizes the need for maintenance.

SS Coarse bubble diffusers are mainly used for high corrosive and high temperature effluents that need thorough mixing capabilities. The rising air induces a strong current, thus removing sludge from the bottom of the tank. They are therefore a very good alternative for many mechanical aeration systems.

Specific standard oxygen transfer is around 3 %/m and aeration efficiency is approx. 1.5 kg O<sub>2</sub> /kWh. Headloss is marginal for airflow of up to 40 m<sup>3</sup>/h.



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