



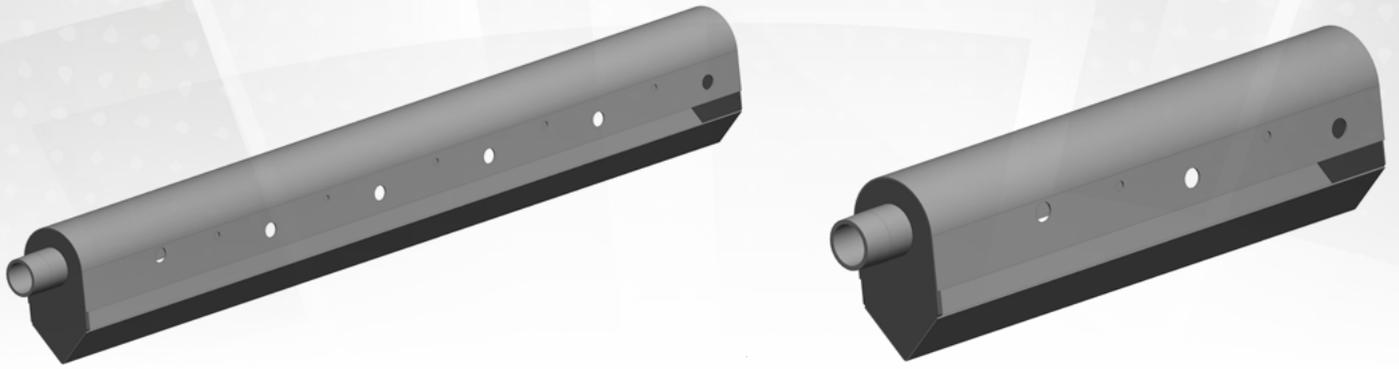
DATA SHEET

JETFLEX[®] CBD SS

COARSE BUBBLE DIFFUSER

JETFLEX® CBD SS COARSE BUBBLE DIFFUSER

Installation Drawing



Dimensions / Material

| Type | Length | Min. Airflow | Max. Airflow | Material |
|------|--------|---------------------|----------------------|------------------------|
| D12 | 334 mm | 5 m ³ /h | 20 m ³ /h | AISI 304/316 (V2A/V4A) |
| D24 | 630 mm | 8 m ³ /h | 68 m ³ /h | AISI 304/316 (V2A/V4A) |

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 2 %/m and aeration efficiency is approx. 1.5 kg O₂/kWh. Headloss is marginal for airflow of up to 40 m³/h.

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