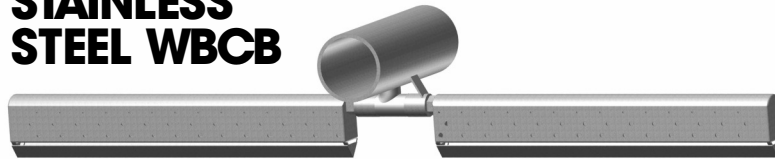


COARSE BUBBLE DIFFUSERS



STAINLESS STEEL WBCB



Our Stainless Steel diffusers are available in 304L stainless steel. (316L ur) The diffuser is made with cast endcaps welded all around.

A typical piping system utilizing I.VA.CO. The diffusers is made from Stainless Steel pipe with 3/4" FNPT gusseted tees or elbows welded to the bottom center line. Deflectors are supplied with each diffuser but can be removed. The coarse bubble diffuser is intended to be a clog-free design, with oxygen transfer rates of 0.5 to 0.8% per foot of submergence (1.7 to 2.5% SOTE/m).

They have a reliable alpha value and are designed to economically cover the tank floor. This diffuser is most often applied for mixing in aerobic digesters, channels, equalization tanks and grit chambers.

- n Design Flow: 10-40 SCFM (17-67 Sm³/hr)**
- n Flow Range: 0-40 SCFM (0-67 Sm³/hr)**
- n Hole Quantity: 24 Holes**
- n Length: 24" (600mm)**

STAINLESS STEEL

Airflow in SCFM	Airflow in m ³ /hr.	Orifice Size in Inches	Headloss in Inches WC	Headloss in mm WC
5	8.5	5/16"	10" WC	254 mm WC
10	17	7/16"	10" WC	254 mm WC
15	25.5	9/16"	10" WC	254 mm WC
20	34	11/16"	10" WC	254 mm WC
25	42.5	3/4"	10" WC	254 mm WC
30	51	3/4"	14" WC	355.6 mm WC
35	59.5	3/4"	19" WC	482.6 mm WC
40	68	3/4"	25" WC	635 mm WC

