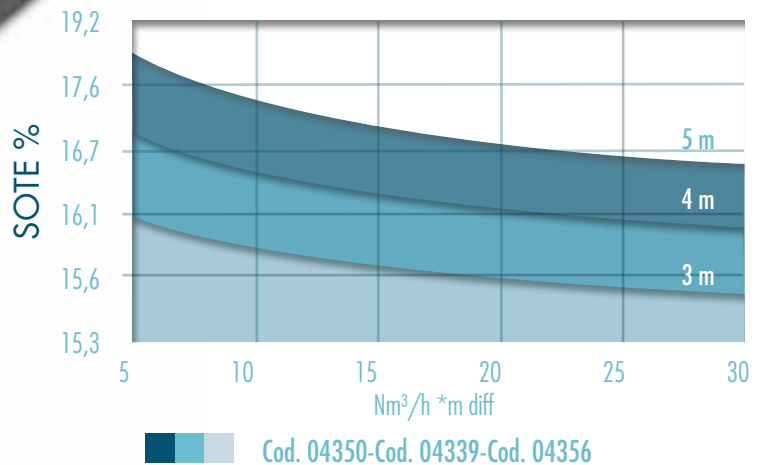


AirTech TF90



3" medium bubble tubular diffuser with EPDM membrane - threaded connection

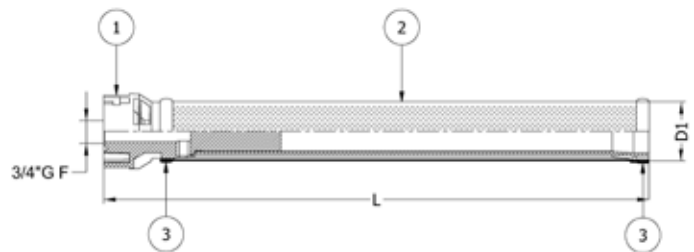
Dimensions

Code	04339	04350	04356
D 1 [mm]	90 (3")	90 (3")	90 (3")
Total length [mm]	607	857	1.067
Perforated length [mm]	500	750	1.000
Threaded connection	ISO 3/4"G	ISO 3/4"G	ISO 3/4"G
Weight [Kg]	1,35	1,73	2,29

Performance

Code	04339	04350	04356
Minimum airflow [Nm³/h]	2,0	2,0	2,0
Nominal airflow [Nm³/h]	7,5	10,0	15,0
Maximum airflow [Nm³/h]	20,0	30,0	45,0
Design airflow range [Nm³/h]	6,0-15,0	8,0-20,0	12-30,0
* Head losses [cm w.c.]	28	28	28

* Head losses are calculated at nominal airflow and 4m submergence



1 Holder 2 Membrane 3 Clamp

Materials

Code	04339-04350-04356
Membrane	EPDM
Holder	PP
Header	PPGF 30%
Clamp	A4

Membrane

Code	04339	04350	04356
Number of slits	10.500	15.500	21.000
Perforation [mm]	2,0-2,0	2,0-2,0	2,0-2,0
Active surface [m²]	0,120	0,180	0,240
Average thickness [mm]	1,9	1,9	1,9
Tensile strength [Kg/cm²]	>60	>60	>60
Elongation at break [%]	400	400	400
Hardness [Shore A]	40	40	40
Plasticizer content [%]	35	35	35

NOTES

SOTE according to ANSI/ASCE-06 (EN 12255-15)

Tolerances on the thickness $\pm 0,2$ mm

Tensile strenght according to ISO 37 type 1

Elongation at break ISO 37 type 1

End support is suggested in case of installation with mixers