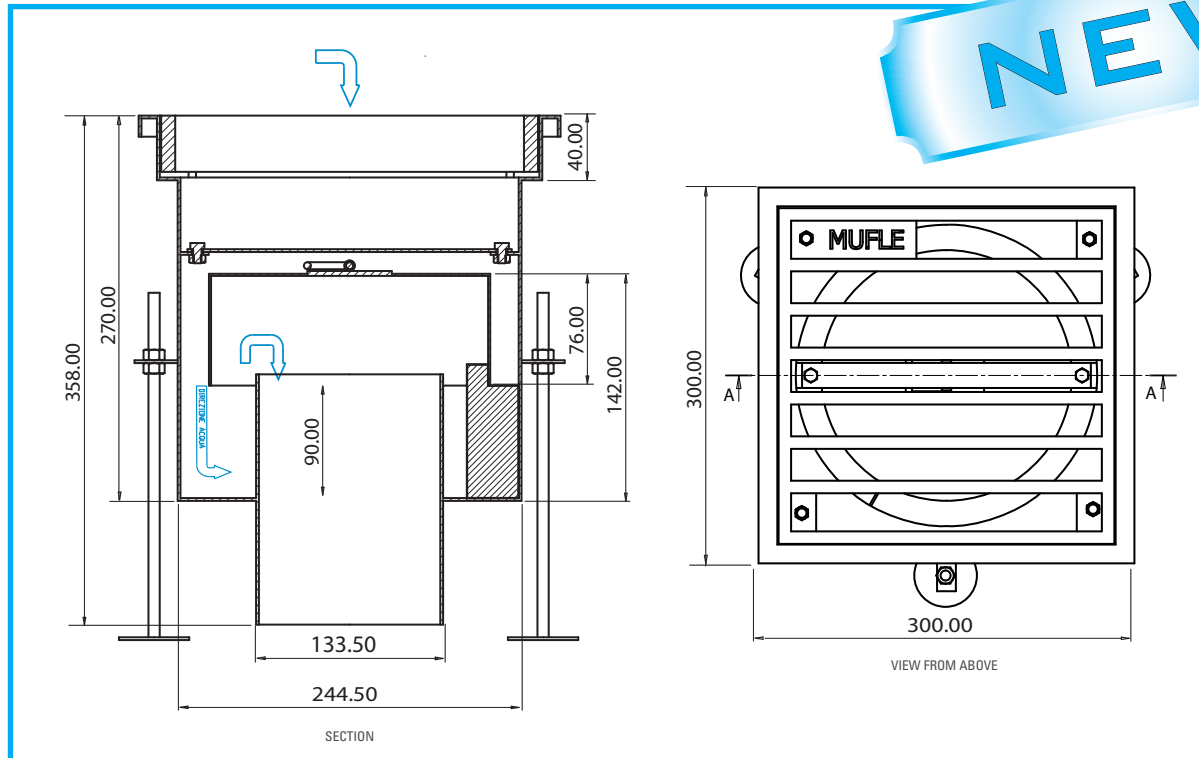


HIGHWAY SIPHON DRAIN BOX



RainWay

NEW



The **siphon drain box in stainless steel AISI 304** (AISI 316 on request) has been conceived from the need to **install a high performance point drainage element in road and highway application where the water flow to be collected is not so high but high quality and safety standards are required.** Overall dimensions of the siphon drain box are 300 x 300 x 270 mm, the body is circular and the siphon bell diameter is around 250 mm. The grating, also in stainless steel AISI 304 (AISI 316 on request), is realized with longitudinal bars of dimensions 10 x 40 mm; the realized grating has slots for water drainage of dimensions 248 x 22.5 mm and is car driveway. It can be fixed to the siphon drain box body through 4 screws M8 x 12 type also in stainless steel. The drain box is equipped with **siphon**: the stainless steel cover is based on 3 supports placed at 120 degrees, forming a U-section together with the outlet pipe, that enters into the drain box for 90 mm. This U-section creates an hydraulic cap and avoids the bad odors to come up thanks to the residual water stagnancy in its loop. The main feature of the siphon drain box is not only to avoid bad odors coming from below parts to upper parts, but also **to avoid flames spread and in case of fire caused by inflammable liquids poured into the product.** A screwed plate fixes the cover, called “flame block”, and makes it stable. In the siphon drain box a stainless steel net has been fixed so that leaves and impurities remain inside, avoiding that the siphon clogs and the whole system falls into crisis. Thanks to 3 adjustable foots the siphon drain box could be leveled at the end of works. The stainless steel used for manufacturing the RAINWAY drain box is subject to a pickling procedure and the finishing is 2B type (standard): on request it could be subject also to a shot- blasting procedure in order to obtain a better aesthetical result. The total weight of the siphon drain box is around 16,5 Kg.



HIGHWAY SIPHON DRAIN BOX RAINWAY													
CODE	PRICE	MATERIAL	FRAME	HEIGHT OFF BELL	DIAMETER OF BELL	UOTLET DIAMETER EST/INT	HEIGHT OF OUTLET	HEIGHE OF SIPHON	GRATING SEAT	GRATING L X L X h	GRATING SLOTS	WEIGHT	GRATING FIXING
	€		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
567473		acciaio inox AISI 304 ²	300 x 300	270	244,5	133/129	90	142	270 x 270	268 x 268 x 40	248 x 22,5	16,50	4 viti M8 in acciaio inox AISI 304 ²

2- Classification according to American Standard ASTM.
N.B. Le dimensioni ed i pesi sono soggetti alle normali tolleranze di fabbricazione.