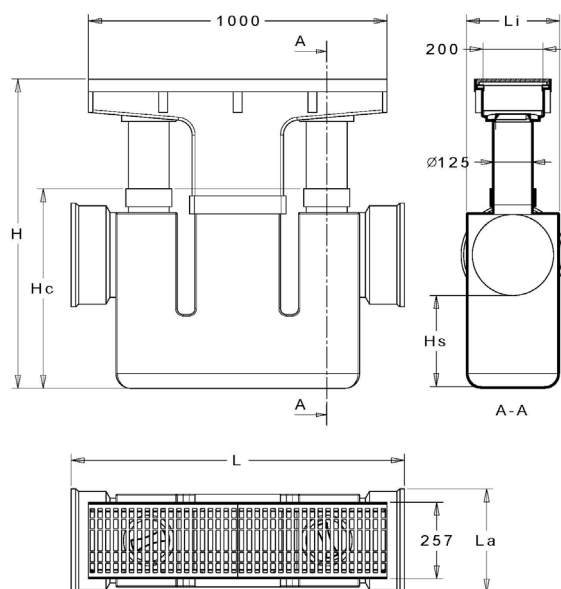


NO FIRE - FLAME TRAP



Telescopic, double-siphon storm drain for the function of firebreak and collection of liquids from the road surface, manufactured from polyethylene (PE) in fire resistance class V2 (UL94), supplied by a company operating under UNI EN ISO 9001 Quality Standards. The upper part consists of a collection tray with a span of 1000 x 200 mm useful, equipped with a spheroidal cast-iron grating in driveway class D400. The lower part consists of a common base tank, with two cups at the sides for the connection (IN-OUT) of the corrugated pipes; the upper part of the tank is equipped with three separate inlet volumes, each with its own cup for connection to the respective extension of the tray above. The distances placed between the three volumes generate two hollow septa, of a suitable length to generate a double siphon system along the axis of flow of liquids inside the downpipe, aimed at preventing the entry into the upstream and downstream manifolds of any fumes and oxygen in the event of a fire in the tunnel, performing the “flame breaker” function in support of the fire safety system. The entire culvert must be completely encased in a concrete casting for structural reinforcement and to preserve proper functioning even in the event of fire damage.



Materials

Grate	Cast Iron Class D240
Edge Rails	304 Stainless Steel
Inspection Caps	Polypropylene
Telescopic Tray	Polypropylene Self Estin- guishing Class UL94 V2
Cockpit with siphon	Polypropylene Self Estin- guishing Class UL94 V2

DE	H Min	H Max	Hc	L	La	Li	Hs	Tolerances
mm	mm	mm	mm	mm	mm	mm	mm	mm
468	1000	1200	852	1400	494	412	340	+/- 10
400	1000	1200	852	1400	442	412	393	+/- 10
350	860	1060	670	1126	371	300	277	+/- 10
315	860	1060	670	1126	347	300	305	+/- 10
250	640	840	475	1100	300	215	170	+/- 10