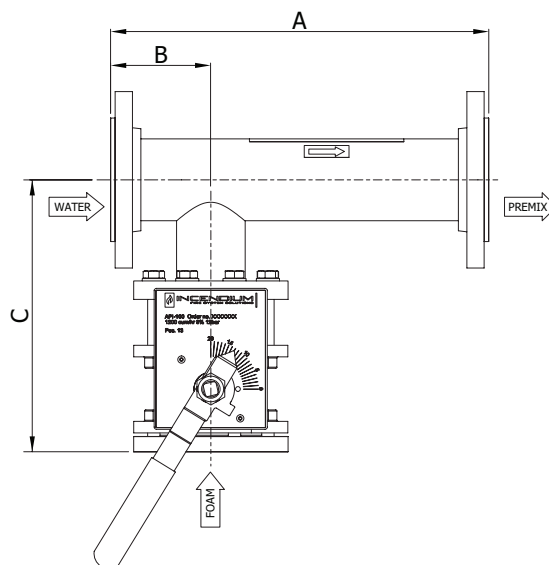
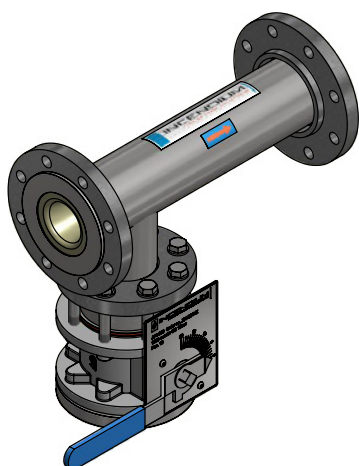




Around the Pump Inductor

The Around the Pump Inductor (API) is a foam concentrate proportioner intended for fixed installation. The API installed between the discharge side and the suction side of the fire water pump. It uses the pressure difference to inject the foam concentrate into the water line.

The API is a simple and inexpensive foam inductor intended for fixed or portable installations. It is mainly installed in marine applications where a dedicated fire water pump is used, but it is also suitable for industrial applications.



DIMENSIONAL DATA

Model	Length [mm]			Connection water/foam (PN16 or 150lbs)	Weight [kg]
	A	B	C		
API-100 DIN	490	130	328	DN100 / DN80	42
API-100 ANSI	490	130	353	4" ANSI / 3" ANSI*	47

* ANSI Foam connection: Threaded bolts 5/8-11 UNC (4x), Thread depth 20mm

All parts have been selected for reliable and trouble free service using corrosion resistant materials for low maintenance.

Material:

Body and valves:	Stainless steel (316/316L)
Nozzle:	Polypropylene
Flange (Water/Premix):	Galvanized steel*
Flange (Foam):	Stainless steel (316/316L)

* Stainless steel optional

Product Features

- Stainless Steel body
- Neglectable pressure loss on water main
- Easy to install
- Factory calibrated flow setting
- Cost effective design
- Maintenance free design
- Suitable for vertical and horizontal installation
- Built-in suction check valve and regulating valve
- Different types of connections available
- Designed and tested according to EN 13565-1
- Capacity: Foam concentrate suction of up to 610 l/min which is equal to a system with a total capacity of up to 20.350 l/min (3%)

PERFORMANCE DATA

Feed Water Capacity		Max Foam induction* [l/min]
[bar]	[l/min]	
6	620	610
8	720	610
10	800	610
12	880	610

* Depending on foam concentrate type

Maximum allowed counter pressure at inductor outlet is 0,5 bar.

MOUNTING EXAMPLE

