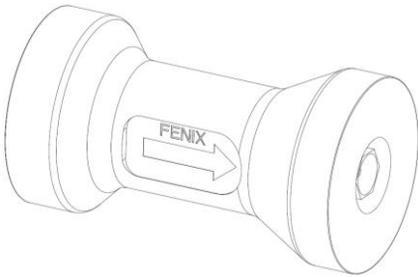


Technical Specification

WF Trap



General Description

The WF (Waffer) FENIX trap is designed for a wide variety of flows been able to operate in almost any process because of its double venturi design. This trap is best suited for process with high flows so for most cases the venturies are big enough to not require a strainer.

This trap is design to be fitted in between flanges.

Options

There is an option to customize the length of the trap to suit your specific installation.

Safety information, installation and maintenance

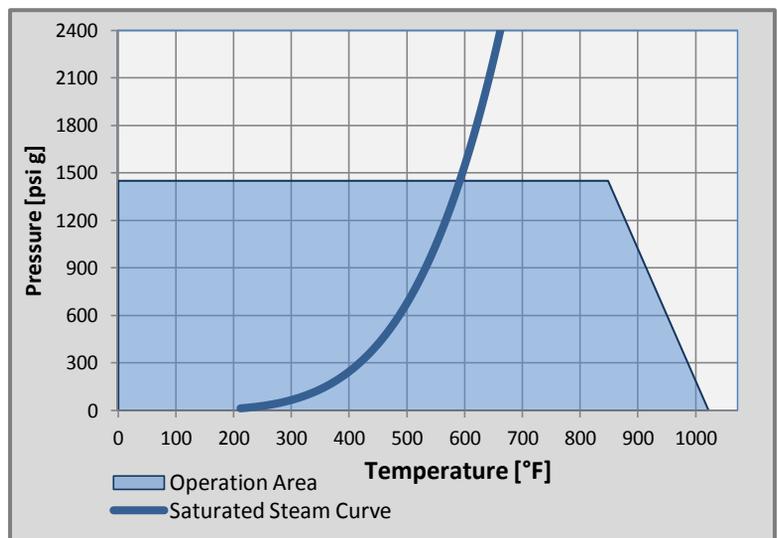
The trap can be install in all positions except with the nozzle pointing down and between flanges. There must be at least one valve before the trap to allow the access to maintenance. It is recommended to install a check valve after the trap. The arrow on the body indicates the flow direction.

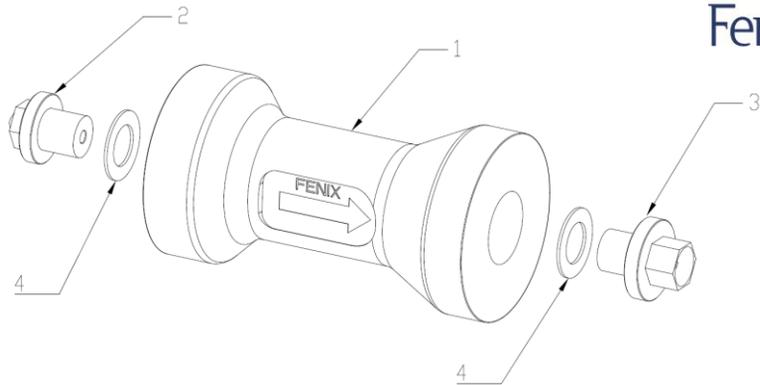
Before maintenance, you have to isolate the trap and wait until the temperature is low enough to facilitate handling.

To clean the nozzle, remove the body of the trap and then, the nozzle. Use a suitably sized wire to remove any blockage in the orifice. Remove dirt from around the base of the nozzle.

Operating Parameters (ISO 6552:1980)

PMA	1450 psig (100 barg)
TMA	1022°F (550 °C)
PMO	1450 psig (100 barg) @ 842°F (450°C)
TMO	1022°F (550 °C) @ 0 psig (0 barg)





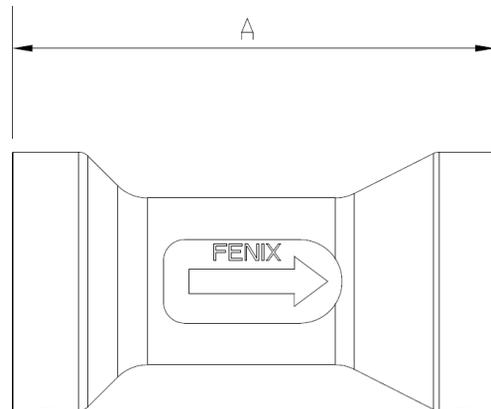
Construction

No.	Part	Material
1	Trap body	304L stainless steel
2	Inlet removable nozzle	310 stainless steel
3	Outlet removable nozzle	310 stainless steel
4	Gaskets	Graphite with stainless reinforcing

Spare parts

Part
Nozzle gasket

Code
G-1 for WF ½"
G-2 for WF ¾"
G-3 for WF 1"



Dimensions

Size	A*	Weight (approx.)
½" (DN15)	5.90" (150 mm)	2.86 lb (1.3 kg)
¾" (DN20)	5.90" (150 mm)	2.86 lb (1.3 kg)
1" (DN25)	6.30" (160 mm)	3.30 lb (1.5 kg)

* As an option the length of the trap can be adjusted to fit your installation