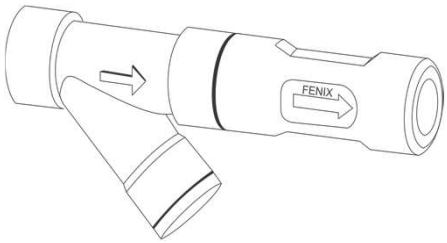
Technical Specification
AM Trap (NPT or BSP)



General Description

The AM FENIX trap is designed for process applications(*) where screwed connections are being used. A screwed union is required downstream to allow for the removal of the trap for cleaning purposes.

A high integrity strainer forms part of the trap design. Optional blow down valve available for periodic cleaning of the filter.

Options

Optional blow down valve available for periodic cleaning of the filter (PMO dependent).

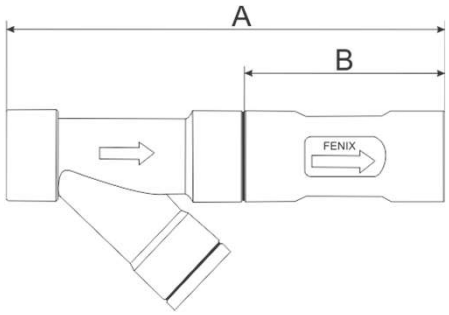
Sizes

½" - DN15
¾" - DN20
1" – DN25

Connections

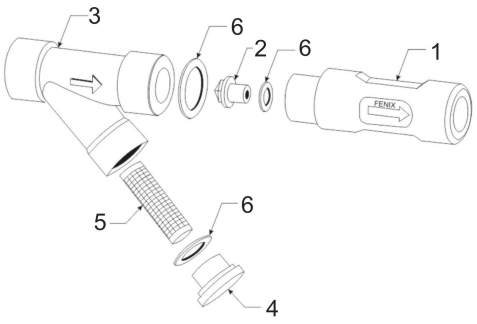
NPT / BSP Thread

Dimensions



Size	A	B	Weight (approx.)
½" (DN15)	7.48" (190 mm)	2.76" (70 mm)	4.6 lb (2.1 kg)
¾" (DN20)	8.58" (218 mm)	3.86" (98 mm)	4.8 lb (2.2 kg)
1" (DN25)	9.37" (238 mm)	4.64" (118 mm)	5 lb (2.3 kg)

Construction



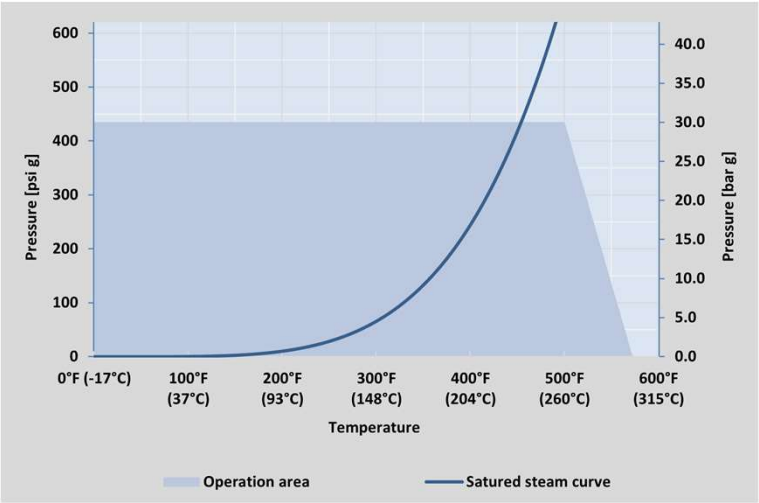
No.	Part	Material
1	Trap body	304L stainless steel
2	Inlet removable nozzle	316 stainless steel
3	Strainer	CF8M cast stainless steel
4	Strainer cap	304L stainless steel
5	Strainer filter	40 mesh stainless steel with 10 mesh stainless steel reinforcement
6	Gaskets	Graphite with stainless reinforcement

Operating Parameters (ISO 6552:1980)

PMA 1450 psig (100 barg)
TMA 1022°F (550 °C)
PMO 435 psig (30 barg) @ 500 °F (260°C)
TMO 572°F (300 °C) @ 0 psig (0 barg)
Strainer hydraulic cold tested to 2175 psig (150 barg)

Spare parts

Part	Code
Strainer Filter	F-L
Cap Gasket	G-4
Nozzle Gasket	G-3



(*) process applications might include shell and tube heat exchangers, air heaters, calorifiers, cooking vessels, etc. The traps are designed to work over the full range of the application i.e. minimum to maximum flow rate.