

FURON[®] ASPIRATOR

SOLUTION FOR CHEMICAL SIPHONING

Furon Aspirators provide an economical option for siphoning liquid chemicals from a process vessel. The Aspirator can be actuated with air or liquid. Using a gas on our air-actuated aspirator will create a suction effect, allowing chemicals to be smoothly siphoned from the vessel. Using liquid, such as DI water as the driving media, and applying water at a pressure of 10 PSI (0.7 bar) or more create the suction effect. The chemical is diluted by water as it is siphoned through the aspirator. A specific dilution ratio may be targeted by a ratio siphon disk inserted at the siphon point, making Furon Aspirators a reliable means of diluting concentrated chemicals in wet process applications or disposing of spent chemicals.

APPLICATIONS

- Siphoning process vessel by using a gas to operate
- Diluting chemical by using a compatible specific liquid to operate

FEATURES AND BENEFITS

- 100% High purity virgin PTFE construction
- Compact design
- Cost effective solution for siphoning chemicals
- Smart and simple solution to dilute your chemicals
- Easy installation

SPECIFICATIONS

Description	Actuation Type	Dilution Ratio	Inlet Port FNPT		Outlet Port FNPT		Siphon Port FNPT	
			in	mm	in	mm	in	mm
A-1886-3:1	Liquid	3:1	3/8	9.5	1/2	12.7	1/2	12.7
A-1886-6:1		6:1						
A-1886-10:1		10:1						
A-A-1866	Air	N/A	3/8	9.5	1/2	12.7	3/8	9.5
A-A-1886							1/2	12.7

OPTIONS

Other end connections not listed:

- FlareGrip® II
- Nippon Pillar Super 300®
- Custom configurations

[Please contact us](#) for further details

TECHNICAL SPECIFICATIONS

Input Media Pressure 5 to 60 PSIG (0.3 to 4 bar)

Max. Operating Temperature Ambient: 149°F (65°C)
Media: 302°F (150°C)

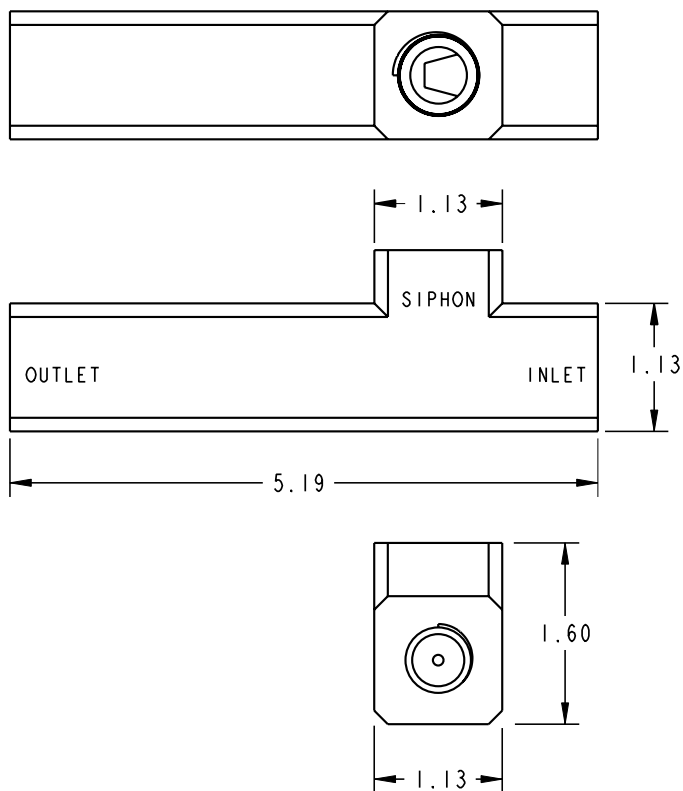
LIQUID ASPIRATORS

Fluid Pressure Required to Achieve Suction 10 PSI (0.7 bar)

Max. Flow at Outlet Port 2.5 GPM (9.5 LPM)

AIR ASPIRATORS

Air Pressure		Suction Generated		Flow at Outlet	
psi	bar	Hg	torr	GPM	LPM
20	1.4	1.5"	38.1	0.5	1.9
30	2.1	2.5"	63.5	0.75	2.8
40	2.8	4.0"	101.6	1	3.8
50	3.4	5.0"	127.0		
60	4.1	6.0"	152.4		



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