



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

Stainless Steel Pigtail Syphons for Steam

Figure PTS-QMM (male/ male) / PTS -SMF (male/ female)



VCS Pressure gauge syphons follow the traditional BS / EN dimensions which are sized conservatively for steam engineering principles.

LENGTH MATTERS

These are not the short pattern HVAC type. The compact HVAC type are recommended for vibration dampening only.

Our syphons protect the pressure gauge from the effects of hot pressure media such as steam and also to reduce the effect of rapid fluctuation pressure surges. The pressure medium forms a condensate and is collected inside the coil or pigtail portion of the syphon. The condensate prevents the hot media from coming in direct contact with the pressure gauge. When the syphon is first installed, it should be filled with water or other suitable separating liquid.

Size Range: 1/4", 3/8" and 1/2"

Pipe threads to BSPP BSPT NPT

Max 3981psi @20 Deg C NPT

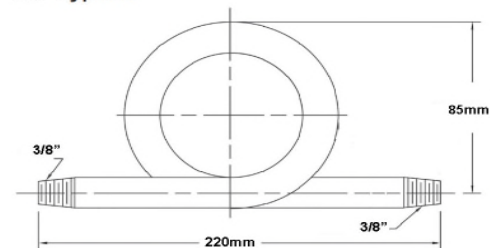
1230psi @250 Deg C 1450psi @ 100 Deg C

Made from Shed 80 stainless pipe

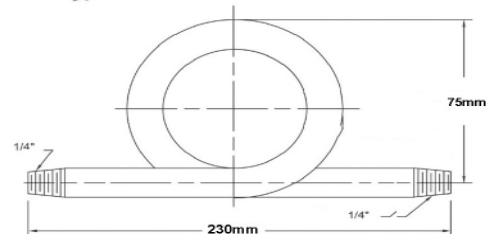
Carbon steel is suitable for most saturated steam applications and has been the traditional choice of material of pigtail or U syphon construction for some 200 years.

You may find due to the reduced costs of stainless since the early 2000's this material is a cost-effective alternative. 304 stainless is more than enough on saturated steam service. There is no advantage in going to 316 unless on an aggressive chemical service.

3/8" Syphon



1/4" Syphon



1/2" Syphon

