

# Pressure Gauge Syphons

The Budenberg Syphons were designed to meet the demand for protection of instruments such as pressure gauges, where the applications have high temperatures that can cause damage or inaccurate readings due to elevated temperatures. They collect condensate from the high temperature media inside the syphon, which prevents direct contact with the pressure elements and dissipates the heat. Upon installation the syphon is normally filled with the condensate liquid, in the case of steam, water is used. Suitable for all media that is resistant to 316 Stainless Steel.

## Model CMT SYPHONS



### Material

Body – 316 Stainless Steel as standard  
Other materials available on request.

### Connection Size

½" NPT Male / Male Testing  
½" BSP Male / Male with locknut  
¾" NPT Male / Male  
¾" BSP Male / Male with locknut  
Adaptors available for other thread configuration trace back to the original mill certificate. Therefore when requested each batch can be supplied fully in accordance to EN 10204 3.1b

### Pressure Ranges

Based upon 12" Syphon  
Maximum Pressure up to 80 Bar up to 300 Deg C Maximum  
Maximum Pressure up to 100 Bar up to 120 Deg C Maximum  
Maximum Pressure up to 400 Bar up to 60 Deg C Maximum

### Temperature

Based on 12" Syphon  
Maximum Temperature up to 300 Deg C up to Maximum 80 Bar  
Maximum Temperature up to 120 Deg C up to Maximum 100 Bar  
Maximum Temperature up to 60 Deg C up to Maximum 400 Bar

### Testing

100% pressure hydrostatically tested

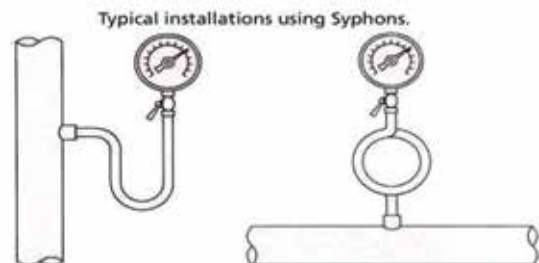
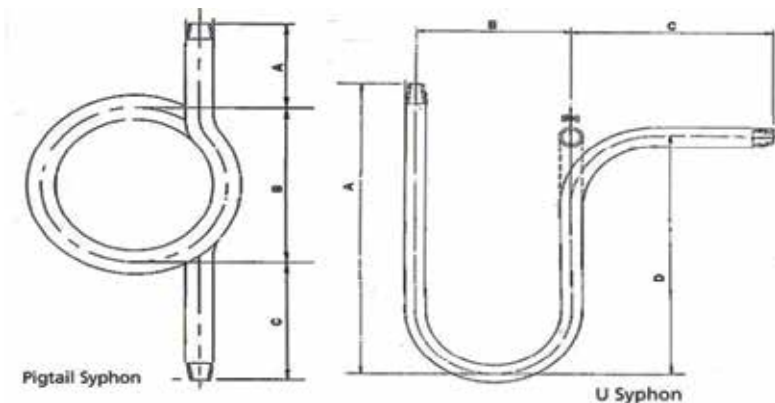
### Traceability

Each syphon is stamped with unique trace- code to enable us to trace back to the original mill certificate. Therefore when requested each batch can be supplied fully in accordance to Based on 1/2" Syphon EN 10204 3.1b

### Options

Carbon Steel, and other connections

### Dimensions



#### Valves

It is advisable to put a Valve or Gauge Cock in the system to isolate the Pressure Gauge. We have a range of Needle and Ball Valves that are complimentary to the Adjustable Snubber - See Valve Datasheets

We also have a more compact Pigtail Syphon available from Stock, see Datasheet VAC 053

Authorised Australian distributor for



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