

2198 MicroTube™ & 2098 Mini-MicroTube™ Siphons

Features

- For working pressure up to 5,000 psi (2198) and 3,000 psi (2098)
- For process temperature:
2198: up to 800 °F (427 °C)
2098: 600 °F (316 °C)
- Compatible with many process media
- For use with gauges, switches, transducers and diaphragm seals

Typical Uses

- Chemical and petrochemical
- Oil and gas
- Pulp and paper
- Power



2198
MicroTube™ Siphon



2098
Mini-MicroTube™ Siphon

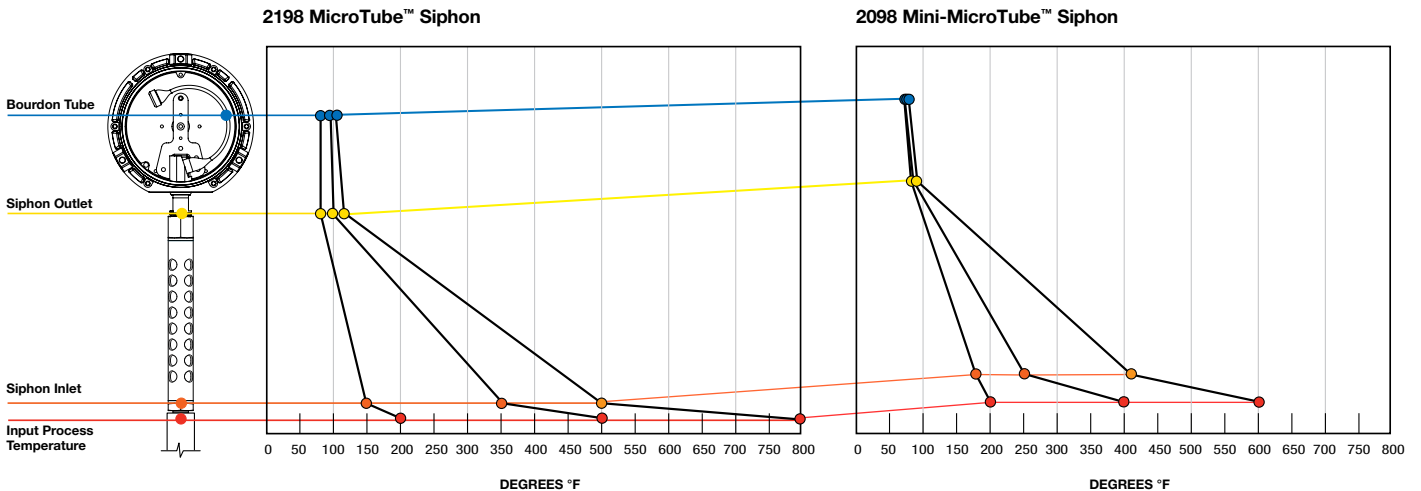
Specifications

Process Connection:	¼ NPT Male, ½ NPT Male G ¼ B Male, G ½ B Male
Instrument Connection:	¼ NPT Female, ½ NPT Female G ¼ B Female, G ½ B Female
Wetted Material:	316L Stainless steel
Max Allowable Working Pressure:	2198: 5,000 psi at 800 °F (427 °C) 2098: 3,000 psi at 600 °F (316 °C)

Key Benefits

- Protects instrument from elevated temperatures
- Stem mount instrument to process
- For limited space installations (2098)

Siphon Heat Dissipation Charts



This graph represents the heat dissipation based on results of a specific laboratory test. These results may vary in the field based on multiple factors such as ambient temperature, type of process media and/or velocity. This data set is to be used as a reference point only. These test results are based on an ambient temperature of 68 °F.

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Ordering Code	Example:	04	2198	SS	50	—XC3
Process Connection (must order corresponding instrument connection size)						
02 - ¼ NPT Male		04				
04 - ½ NPT Male						
13 - G ¼ B Male						
15 - G ½ B Male						
Series Code						
2198			2198			
2098						
Material						
SS - 316 Stainless steel				SS		
Instrument Connection						
25 - ¼ NPT Female						
50 - ½ NPT Female					50	
27 - G ¼ B Female						
51 - G ½ B Female						
Options (if choosing an option(s) must include an "X")						
						—X _ _
Tags						
NH - SS tag wired to siphon						
Testing/Certificates						
MQ - Positive Material Identification						
C3 - Material Traceability report per EN 10204.2004 3.1						C3
1H - Pneumatic/Hydrostatic testing of assemblies						
Special Cleaning						
6B - Cleaned for gaseous oxygen service						
6W - Cleaned for gases other than oxygen						
Assembly Codes						
FC - Instrument Assembly: Instrument, Valve or Dampener, Siphon						
E9 - Instrument Assembly: Instrument, Pressure Limiting Valve, Siphon						
K9 - Instrument Assembly: Instrument, Microtube Siphon, Diaphragm seal						
5G - Siphon attached to instrument						
Other						
DU - Welded connections (must be like materials)						

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2198 Siphon Dimensions							
MicroTube™ Siphon Variation	Pressure Connection		Instrument Connection		Cage Details		Overall Length
	A	B	C	D	E	F	G
¼ NPT Male/Female	1.00"	.875"	0.85"	.875"	.875"	5.8"	7.5"
½ NPT Male/Female	1.19"	1.06"	1.20"	1.06"	.875"	5.8"	8.0"
G ¼ Male/Female	0.94"	.875"	0.70"	.875"	.875"	5.8"	7.2"
G ½ Male/Female	1.26"	1.06"	1.00"	1.06"	.875"	5.8"	7.9"

2098 Siphon Dimensions							
Mini-MicroTube™ Siphon Variation	Pressure Connection		Instrument Connection		Cage Details		Overall Length
	A	B	C	D	E	F	G
¼ NPT Male/Female	1.00"	0.875"	0.85"	0.875"	.875"	2.8"	4.7"
½ NPT Male/Female	1.19"	1.06"	1.20"	1.06"	.875"	2.8"	5.8"
G ¼B Male/Female	0.94"	0.875"	0.70"	0.875"	.875"	2.8"	4.5"
G ½B Male/Female	1.26"	1.06"	1.00"	1.06"	.875"	2.8"	5.1"

