ASHCROFT®
Trust the shield.®

2198 MicroTube™ Siphon

FEATURES
- For working pressure up to 5,000 psi
- For process temperature up to 800°F (427°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

SPECIFICATIONS

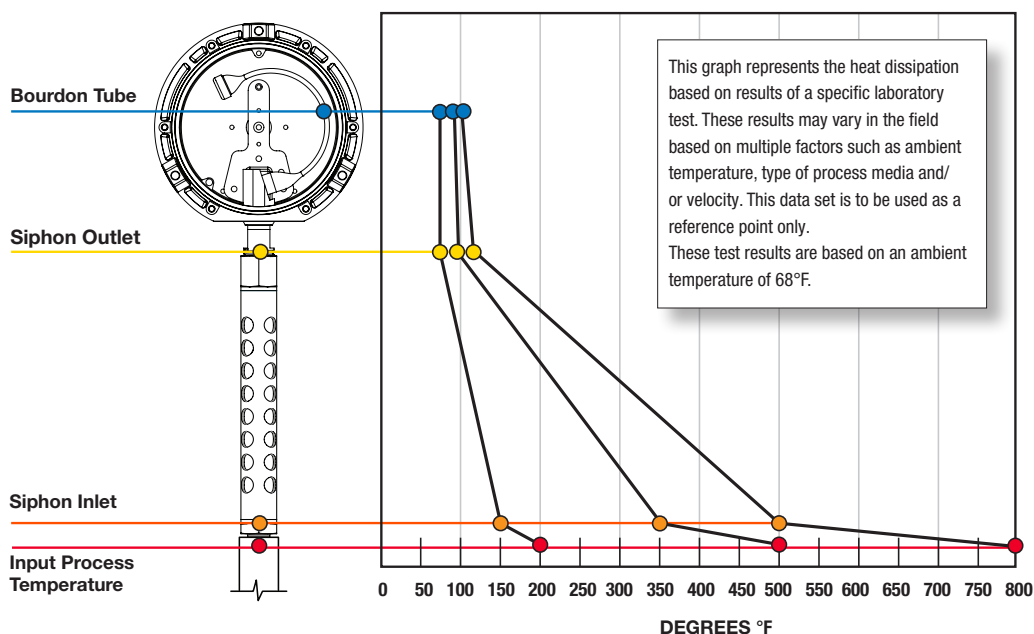|	
Process Connection:	¼ NPT Male, ½ NPT Male G ¼ B Male, G ½ B Male
Instrument Connection:	¼ NPT Female, ½ NPT Female G ¼ B Female, G ½ B Female
Wetted Material:	316L stainless steel
Max Allowable Working Pressure:	5,000 psi at 800°F (427°C)

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KEY BENEFITS
- Protects instrument from elevated temperatures
- Stem mount instrument to process

SIPHON HEAT DISSIPATION CHART

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.

Bourdon Tube
Siphon Outlet
Siphon Inlet
Input Process Temperature

DEGREES °F

ORDERING CODE	Example:	02	2198	SS	50	—XC3
Process Connection (must order corresponding instrument connection size)						
02 - ¼ NPT Male		02				
04 - ½ NPT Male						
13 - G ¼ B Male						
15 - G ½ B Male						
Series Code						
2198			2198			
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 _ _
NH - Stainless steel tag wired to siphon						
C3 - Material traceability report to EN 10204 3.1						C3
F3 - Instrument assembly: pressure gauge, diaphragm seal, siphon						
K9 - Instrument assembly: pressure gauge, capillary siphon, diaphragm seal						
5G - Siphon attached to instrument						

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2198 SIPHON DIMENSIONS							
Siphon Variation	Pressure Connection		Instrument Connection		Cage Details		Overall Length
	A	B	C	D	E	F	G
¼ NPT Male to Female	0.90″	⅞″	0.85″	⅞″	⅞″	5.8″	7.5″
½ NPT Male to Female	1.19″	1¹⁄₁₆″	1.2″	1¹⁄₁₆″	⅞″	5.8″	8.0″
G ¼ NPT Male to Female	0.84″	⅞″	0.70″	⅞″	⅞″	5.8″	7.2″
G ½ NPT Male to Female	0.90″	1¹⁄₁₆″	1.26″	1¹⁄₁₆″	⅞″	5.8″	7.9″

D Hex Width

C Hex Height

Instrument Connection

E

F   G

Process Connection

A

B Hex Width