Texas Sampling, Inc.

Dual Heat Transfer Coil Specifications

Please fill out as many of the specifications as possible. Fluid must be in liquid phase.

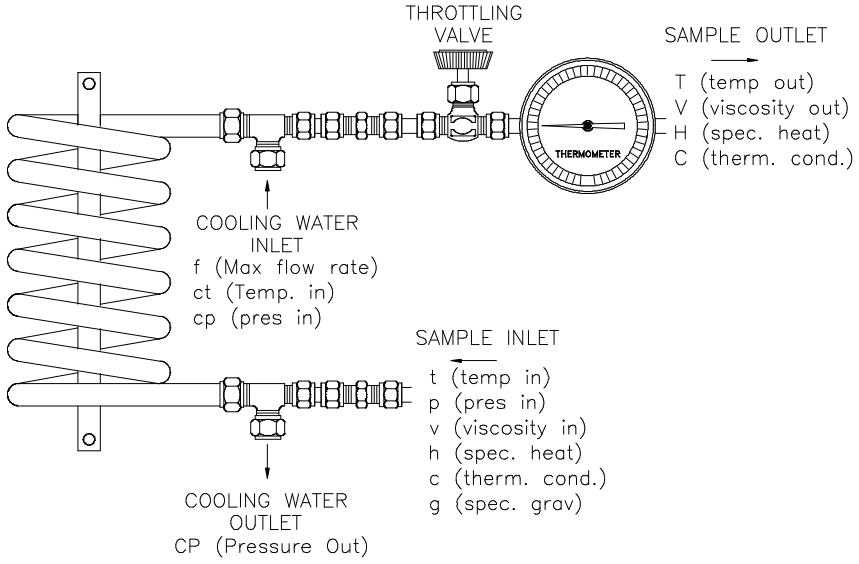
Customer _____ **Sample Point** _____ **Sample Media** _____

Process Properties

Inlet		Outlet	
(t) Temperature In (F)		(T) Temperature Out (F)	
(p) Pressure In (psig)			
(v) Viscosity (cp)		(V) Viscosity @ Outlet (cp)	
(h) Specific Heat (BTU/lb. F)		(H) Specific Heat (BTU/lb. F)	
(c) Thermal Conductivity (BTU/ft.F)		(C) Thermal Conductivity (BTU/ft.F)	
(g) Specific Gravity			

Cooling Water Properties

Inlet		Outlet	
(ct) Temperature In (F)			
(cp) Pressure In (psig)		(CP) Pressure Out (psig)	



SEND

Results

Process Results	
Pressure drop over coil (psi) (set by throttling valve)	
Fouling Factor (Proc.& C.W.)	
Flow Rate (gpm)	
Required Area (sq. ft.)	
Available Area (sq. ft.)	

Cooling Water Results	
Flow Rate (gpm)	
Velocity (fps)	
Temperature Out (F)	

REQUIRED COOLER SIZE

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