

# Texas Sampling, Inc.

## Dual Heat Transfer Coil Specifications

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

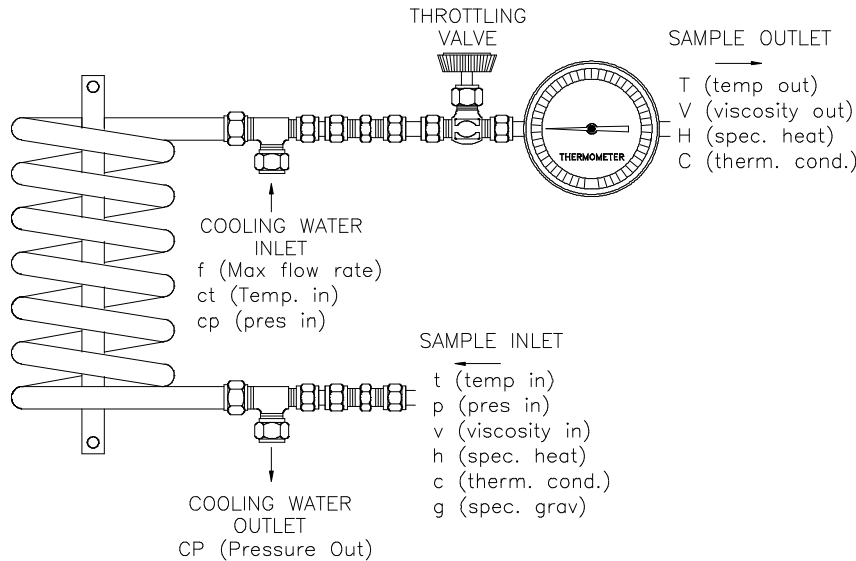
Customer \_\_\_\_\_ Sample Point \_\_\_\_\_ Sample Media \_\_\_\_\_

### 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)	



### 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