

FLUID COOLING COIL INQUIRY FORM

Company: _____
 Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Fax: _____
 Email: _____

Capacity

Airflow: _____ lb/hr or _____ SCFM (Standard Air) or _____ ACFM @ _____ °F & _____ psia
 Note: Coil face velocity should be less than 500 feet per minute to prevent possible water entrainment
 Entering Air Temp: _____ °F db / _____ °F wb or _____ % RH or _____ Humidity Ratio
 Leaving Air Temp: _____ °F db / _____ °F wb or _____ % RH or _____ Humidity Ratio
 Air Side Pressure Drop: _____ Inches W.C. (Maximum or Approximate Requested)
 Fluid Type: Water Ethylene Glycol (____%) Propylene Glycol (____%) Other: _____
 Fluid Flow: _____ GPM or _____ lbs/hr
 Entering Fluid Temperature: _____ °F & Leaving Fluid Temperature: _____ °F or _____ °F TD
 Fluid Side Pressure Drop: _____ Feet W.C. or _____ psig

Airflow Direction

- Horizontal Airflow with Right Hand Connections Vertical Up Airflow
 Horizontal Airflow with Left Hand Connections Vertical Down Airflow

Construction Materials

Tube: _____ O.D. & _____ Wall Thickness Material: _____
 Fin: _____ Fins per Inch Material: _____ Thickness: _____
 Header Size: _____ Material: _____
 Connections: Feed Size & Type: _____ Return Size & Type: _____
 Inlet & Outlet - Same End Connections
 Inlet & Outlet - Opposite End Connections

Case Type: _____ Material: _____ Thickness: _____

Dimensional

Finned Face Size: _____ Fin Height (____ Tubes High) X _____ Fin Length
 _____ Rows Deep (in direction of Airflow)
 Overall Area Available: _____ High X _____ Wide X _____ Deep in Airflow Direction
 Includes Area for Headers and U-Bends/Tube Ends (not including connections)
 Excludes Area for Headers and U-Bends/Tube Ends (not including connections)