



# WINSTON / ROYAL GUARD CORPORATION

## Sample Cooler Inquiry Questionnaire (Please fill in as much as possible)

Company \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Title or Dept. \_\_\_\_\_

Date \_\_\_\_\_  
Phone \_\_\_\_\_  
Fax \_\_\_\_\_  
Email \_\_\_\_\_

Quantity: \_\_\_\_\_ Winston Type: \_\_\_\_\_ Tag Number: \_\_\_\_\_

Tube Side:  
Fluid: \_\_\_\_\_  
Total fluid entering: \_\_\_\_\_  
Is Fluid vaporized or condensed? \_\_\_\_\_  
Specific gravity: \_\_\_\_\_  
Molecular Weight: \_\_\_\_\_  
Viscosity: \_\_\_\_\_  
Specific heat: \_\_\_\_\_ BTU/LB-F<sup>0</sup>  
Latent heat: \_\_\_\_\_ BTU/LB  
Thermal conductivity: \_\_\_\_\_ BTUH-FT-F<sup>0</sup>  
Temperature in: \_\_\_\_\_ ( ) °F ( ) °C  
Temperature out: \_\_\_\_\_ ( ) °F ( ) °C  
Heat transferred: \_\_\_\_\_ BTUH  
Operating pressure: \_\_\_\_\_ PSIG  
Design pressure & temperature: \_\_\_\_\_ PSIG  
@ \_\_\_\_\_ ( ) °F ( ) °C  
Material: ( ) Carbon Steel ( ) \_\_\_\_\_  
Tubing size: \_\_\_\_\_ inch  
Wall: ( ) 0.035" ( ) 0.049" ( ) \_\_\_\_\_ inch

Shell Side:  
Fluid: \_\_\_\_\_  
Total fluid entering: \_\_\_\_\_  
Is Fluid vaporized or condensed? \_\_\_\_\_  
Specific gravity: \_\_\_\_\_  
Molecular Weight: \_\_\_\_\_  
Viscosity: \_\_\_\_\_  
Specific heat: \_\_\_\_\_ BTU/LB-F<sup>0</sup>  
Latent heat: \_\_\_\_\_ BTU/LB  
Thermal conductivity: \_\_\_\_\_ BTUH-FT-F<sup>0</sup>  
Temperature in: \_\_\_\_\_ ( ) °F ( ) °C  
Temperature out: \_\_\_\_\_ ( ) °F ( ) °C  
Heat transferred: \_\_\_\_\_ BTUH  
Operating pressure: \_\_\_\_\_ PSIG  
Design pressure & temperature: \_\_\_\_\_ PSIG  
@ \_\_\_\_\_ ( ) °F ( ) °C  
Material: ( ) 316 SS ( ) \_\_\_\_\_  
Shell size: \_\_\_\_\_ inch O.D., \_\_\_\_\_ length  
Corrosion Allowance: ( ) 1/64" ( ) \_\_\_\_\_

### Special Requirements:

Fabrication code ( ) ASME ( ) \_\_\_\_\_ ( ) None  
Radiography ( ) Yes ( ) No \_\_\_\_\_  
NDE (UT, MT, PT, ETC.) ( ) Yes ( ) No \_\_\_\_\_  
PWHT ( ) Yes ( ) No \_\_\_\_\_  
Painting ( ) Yes ( ) No \_\_\_\_\_  
Misc. ( ) Yes ( ) No \_\_\_\_\_