nano PURIFICATION SOLUTIONS

Process Chiller Application Worksheet

Contact Information:

Preferred:

Name: _____ Phone: _____ ☐

Company: _____ Email: _____ ☐

Address: _____

City: _____ State: _____ Zip: _____

Application Parameters:

1) Describe the Application: _____

2) Geographic Location (City & State): _____ Elevation: _____ ◯ ft ◯ m

3) Ambient Temperatures: Design Maximum: _____ ◯ °F ◯ °C Design Minimum: _____ ◯ °F ◯ °C

4) Installation Location: ◯ Indoors ◯ Outdoors

5) Coolant Type: ☐ Water and/or Glycol Blend _____ % Water _____ % Glycol

→ If glycol, the type of glycol is: ethylene propylene

☐ Other - describe: _____

6) Power requirements: ◯ 110 - 120 VAC ◯ 208 - 230 VAC ◯ 380 - 460VAC

◯ 60 Hz ◯ 50 Hz

Sizing Parameters:

7) Coolant Temperatures: Provided Chiller Inlet: _____ ◯ °F ◯ °C

Required Chiller Outlet: _____ ◯ °F ◯ °C

8) Coolant Flow Rate: _____ ◯ GPM ◯ L/s

9) Heat Load: _____ ◯ BTU/hr ◯ TONS

Options:

10) Condenser Type: ◯ Water Cooled ◯ Air Cooled ◯ No preference

→ If water cooled, water source is: ◯ City (65°F) ◯ Tower (85°F)

11) Number of Pumps: ◯ Single Pump ◯ Dual Pumps ◯ No preference

12) High Pressure Pumps? ◯ Yes ◯ No ◯ No preference

13) Centrifugal Fans? ◯ Yes ◯ No ◯ No preference

continued...

Options (continued...):

14) Non-ferrous metals? ◯ Yes ◯ No ◯ No preference

15) ± 1°F Temperature Control: ◯ Yes ◯ No (Typically required for laser applications)

Other Considerations:

16) Other notes or requirements:

Complete & email to: support@n-psi.com (or fax to 704-897-2183)

Thank you for ensuring your answers are as complete and accurate as possible. This information will allow us to evaluate the specifics of your application and help determine if on site gas generation is the most cost effective solution for your company's Nitrogen needs.

Experience. Customer. Service... n-psi.