

# EnviroGear E Series Application Data Sheet

<b>Project:</b>
Date:
Quote #:
Project Name:
Tag # or ID #:

<b>Prepared for:</b>
Name:
Company:
City:
State/Province:
Country:

<b>Prepared by:</b>
Name:
Company:
City:
State/Province:
Your salesperson:

## Fluid Info

Fluid Name or Description:

Does the fluid contain solids or abrasives?

Properties (at normal operating conditions):

Temperature:

units:

Viscosity:

units:

Specific Gravity:

units:

Vapor Pressure:

units:

Will the fluid properties sometimes be different?

## Flow & Duty Requirements

Required Flowrate:

units:

Will the pump run dry? If YES, explain.

Are there any unusual duty cycles (cleaning, system testing, upset conditions, etc...)?

Typical Duty Cycle:

hrs per cycle:

cycles per day:

days per week:

Pump starting condition:

Instant On

Soft Start

Will the flowrate need to be variable?

## Pressure Conditions (at the pump)

Discharge Pressure:

units:

Suction Pressure:

units:

Will the pressure conditions sometimes be different?

## Pump Features

Materials of Construction:

Ductile Iron

Carbon Steel

Stainless Steel

O-ring Material:

Dupont Type A Viton

FEP encap. Viton

PFA encap. silicone

Other:

Port Style:

NPT tapped

ANSI 150# RF

Other:

Bushing Material:

Carbon-Graphite

Bronze

Tungsten Carbide (not avail. with SS)

Relief Valve Cracking Pressure:

50 psid

125 psid

200 psid

75 psid

150 psid

no valve

100 psid

175 psid

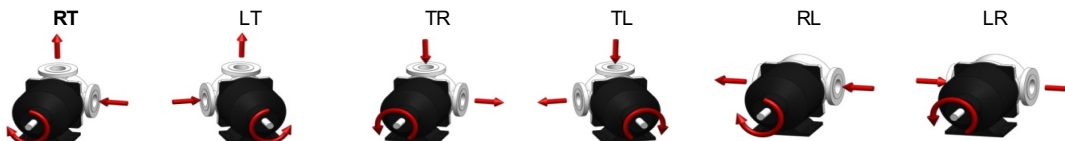
If heat jacket is needed, select jacket type:

Head jacket (pump cannot have relief valve)

Full-pump Jacket

Any Special Features Needed?:

## Port Orientation & Shaft Rotation



## Existing Pump Information

*This section DOES NOT apply if the pump is for a new application.*

Manufacturer:

Model Number:

Matl of Construction:

Pump speed:

Motor HP:

Yes No

Is the existing motor variable speed?

Will existing baseplate & driver be re-used?

Ports (size and style):

Other Info (including any known performance or reliability problems):

## Driver & Baseplate Features

*This section DOES NOT apply if a new EnviroBase baseplate package is not needed.*

Select baseplate style:

EnviroBase SD

EnviroBase HD

Select motor type:

TEFC, premium efficiency

XP, CI 1, Div 1, Group D, T2B

XP, CI 1, Div 1, Group C&D, T3C

Other:

Is motor controlled by inverter? Yes No

Voltage/phase:

Any special features needed?

## Other Application Info