



PLD – Discharge Pressure Control – *Application Review Form*

Please provide the following information by *fax* or *e-mail* to Donna Penter for a Clarke PLD Model *Application Review*. Every new application for a PLD Equipped engine must have an Application Review performed. For pricing, contact your Pump Dealer / OEM for a quote on the PLD equipped Clarke engine model selected.

Information Required:

1. Sprinkler System Maximum Working Pressure _____ psi
2. _____ Vertical Turbine or _____ HSC/EC Pump (check one)
2A. If Vertical Turbine: RAG Ratio: _____ or Engine RPM _____ (fill in one)
Gear HP Loss: _____ % (necessary if you want Clarke to select engine model)
3. _____ USA Installed _____ Export (check one)
_____ Tier 3 Emissions Certified PLD Equipped Engine (Electronic)
4. _____ Set Point Pressure (psi) (Specify value between 100 and 350 psi)
5. System Design *Minimum* Static Suction Pressure: _____ psi (skip if VT Application)
6. System Design *Maximum* Static Suction Pressure: _____ psi (skip if VT Application)
7. Pump Mfg/Pump Model / Size and/or/Type: _____
8. Pump: Rated Flow: _____ GPM Rated Pressure: _____ psi Rated Speed: _____ RPM
9. Pump Churn (Shutoff) Pressure: _____ psi
10. Pump Churn (Shutoff) HP: _____ bhp
11. Pump Max HP: _____ bhp
12. If you would like Clarke to select the PLD Engine Model provide:
_____ Ambient Temperature (°F) and _____ Altitude above Sea Level (feet).
13. Clarke Engine Model: _____ Engine Model, -D suffix will be added to
Clarke Tier 3 Engine Model)
14. Application Project Name: _____

Requested by: _____ Company: _____ Date: _____
E-Mail Address: _____ Phone: _____ Fax: _____

Sent to: Donna Penter, Clarke Fire Protection Products Inc.

E-Mail Dpenter@clarkefire.com

Phone: 513-483-6420 Fax: 513-771-0726