

CLARKE®

PURPOSE-BUILT ENGINEERED OPTIONS FOR CLARKE DIESEL FIRE PUMP DRIVERS



Need enhanced air filtration, intuitive touch screen controls, corrosion resistance, pressure control or specialized cooling configurations?

Clarke can configure your fire pump driver to meet most project requirements.

ENGINEERED FOR CONFIDENCE

Explore the most commonly used Clarke engine options.



CRITICAL GRADE 316SS
EXHAUST SILENCERS

Critical Grade 316SS Exhaust Silencers

- Delivers enhanced exhaust noise reduction beyond residential models
- Protects nearby occupants in environments where there is low background noise and strict sound limits
- Corrosion-resistant stainless steel options built for harsh conditions



AIR CLEANER

Single & Two Stage Air Cleaners

- Extend Engine life by blocking harmful particulates from entering the engine
- Designed for easy maintenance and equipped with an air differential indicator
- Ideal for dusty or harsh environments



PAINT & COATINGS

Paint and Coatings

- Designed to protect the metal surfaces of the engine from corrosion



ALARM

Full Alarm/Gauge Package

- Audible and visual alarms along with gauges for backup verification
- Used for mission-critical systems requiring multi-point status checks



COOLING LOOP

Sea Water Cooling Loop

- Upgraded cooling loop options using materials such as 316SS, 90-10CuNi to resist sea water corrosion
- Alternative to radiators or for applications with a dedicated water source



TROPICALIZATION

Tropicalization

- Used in regions with sustained humidity and prolonged periods of rain and includes upgrades for marine environments
- Helps electrical and mechanical systems maintain moisture properties at high temperatures
- Anti-fungal varnish is applied to all exposed electrical wires to prevent corrosion



INSTRUMENT PANEL

NEMA 4X/IP66 Stainless Steel Instrument Panel


- RPM, oil pressure, coolant temperature and diagnostic indicators for at-a-glance engine health monitoring
- Corrosion-resistant stainless steel options built for harsh conditions (e.g. coastal or humid environments)

COMPREHENSIVE CONFIGURATION FLEXIBILITY

Fire pump engines do not operate in ideal laboratory conditions. They operate in real-world environments with fluctuating pressures, varying water supplies, temperature extremes and strict regulatory oversight.

Clarke's broad range of UL/FM-approved engine options are designed to address those realities.

Icon Legend:  Ocean climate  Desert climate  Tropical Climate / Precipitation

GROUP NAME	AVAILABLE OPTIONS
Air Cleaners	UL/FM Single Stage Air Cleaner  
	UL/FM Two Stage Air Cleaner   
Alarms and Gauges	Full Alarm/Gauge Package
	Differential Pressure - Air, Fuel, or Oil
	Temperature - Oil
	EGT (Exhaust Gas Temperature) Pyrometer - not available without the SS flex exhaust
Battery Kit	Coolant and Oil Level Monitoring
	AGM Batteries (12 or 24V) with Battery Rack & Cables
	NiCad Batteries (12 or 24V) with Battery Rack & Cables
	Lead Acid Battery (12 or 24V) with Battery Rack & Cables
	Rack & Cables (No Battery)
Cooling Loops	Battery Box Option for Added Protection (not available for NiCad Batteries)
	FM Approved 250 psi Sea Water compatible 
	FM Approved 250 psi 316 Stainless Steel (not available in all models) 
	FM Approved 400 psi High Pressure
Flex Exhaust and Silencers	FM Approved 250 psi 90/10 CuNi (not available in all models) 
	316 Stainless Steel Flex Exhaust
	Industrial, Residential, Critical, or Hospital Grade
	Carbon Steel 
Fuel Hose	316 Stainless Steel  
	With or Without Spark Arrestor
Driveshaft Guard	ULC/TSSA Steel Braided Stainless Steel Fuel Hose
	Non Sparking Guard   
Filters	Brass Guard   
	Powder Coated Steel Containment Guard
	Duplex Fuel Filters (not available in all models)
Instrument Panel	Duplex Oil Filters (not available in all models)
	Open Crankcase Vent (OCV) (not available in all models)
Paint	NEMA 4X/IP66 316 Stainless Steel (316 Stainless Steel Gauge Panel, if applicable)  
	Dual Language Starting Instructions
Secondary Starting	Engine Epoxy Coated Paint   
	Base, Powder Coat   
	Marine Corrosion Protective Coating (radiator engines only)   
Variable Speed	Pneumatic Starter (not available in all models) Non-Listed   
	Hydraulic Starter (not available in all models) Non-Listed   
Tropicalization (available in one package)	Electric Starter (not available in all models) Non-Listed   
	Pressure Limiting Driver - Discharge and/or Suction Control
Enclosure	NEMA 4X/IP66 316 Stainless Steel Instrument Panel (316 Stainless Steel Gauge Panel, if applicable)  
	Fungus Proof Starter & Alternator  
	Protection on the wire connections  
Base	Anit-fungal varnish protection for wire connections  
	Sound Attenuated Enclosure (not available for C32H Engines)   
	Lube Oil Heater
Shipping and Crating	Drip Rim (pump only)
	Diesel Fire Pump Controller Base Extension
	Oil Drain Extension
Engine	Air Freight Preparation (includes fluid draining and filter replacement; crating not included)
	Export Crating (not suitable for shipping by air)
Engine	Lube Oil Heater
	Engine Barring Tool (not available in all models)
	Oil Drain Option



ENHANCING RELIABILITY IN DEMANDING SITUATIONS AND APPLICATIONS

Advanced pressure limiting technology to corrosion-resistant materials, enhanced cooling configurations and modern instrument panels — every Clarke engine option supports reliable fire protection performance.

Clarke's global engineering expertise and commitment to UL/FM standards ensure that every configured engine meets the highest expectations for fire protection reliability.

CLARKE®

Specifications and information contained in this brochure are subject to change without notice.

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