“CD” SERIES - CD20

PURPOSE BUILT FOR:
PRIME POWER, INDUSTRIAL, MOBILE EQUIPMENT
MOTOR VEHICLES, CRITICAL APU’s

MODEL CD20 - 20.0kW

SPECIFICATIONS
Robust AC Power Source

DUTY RATING: Industrial, Continuous
SIZE: 51.8”L x 23.5”W x 28.0”H
WEIGHT: 690 Lbs.

OUTPUT CURRENT:
- 240/120VAC, 1 Phase, 60 Hz
- 240VAC, 3 Phase, 60 Hz
- 480VAC, 3 Phase, 60 Hz
- 208VAC, 3 Phase, 60 Hz

POWER RATING:
- 20.0 kW Intermittent
- 17.0 kW Continuous

ENGINE:
- 3 Cylinder Diesel
- Liquid Cooled, 1800RPM

ENGINE SOUND LEVEL:
- 88.5 dB(A) @ 1 Meter
- 74.5 dB(A) @ 7 Meters

A.C. ALTERNATOR TYPE:
- 4-Pole, Electronic Regulated, 1800 RPM, 60Hz, Insulation Class “H”

FEATURES & BENEFITS

- A factory engineered, proven, built and production tested power system by Stadco® a division of Stauffer Diesel Inc. Independent AC power source
- Suitable for either free standing or compartment duty. Modular design - easier installation.
- Each generator is designed to pass NFPA 2 Hour load test at continuous load
- Designed for Prime Power, Mobile Equipment, Motor Vehicles, Critical APU’s
- Modular design - easier installation.
- Robust High Density, Welded Aluminum Heat Exchanger
- Stands up to the heat. Wide operating temperature range: 0°F to 122°F. (50°C)
- Easy Access to all routine Service Points
- Convenient connections to vehicle battery and diesel fuel tank
- Powered with Deutz Diesel 1800RPM Engine.
- EPA Emissions Compliant with no exhaust after-treatment required.
- Standard Digital Control System - Common Controller
- 4 Pole brushless alternator for extended service life
- Muffler Exhaust Kit included - Shipped Loose.
- Supported by a 2-Year or 2000 Hr. Limited Warranty and Money Back Guarantee see Stadco® policy #D25.
STANDARD DIGITAL CONTROL SYSTEM - #1779

- Programmable Digital Control System (Remote mounted)
- Available with standard enclosure or optional flat panel
- Includes 10' Plug in cord w/weather-proof quick connectors.
- Metering for AC and DC electrical systems.
- Auto-crank and Preheat Capability are standard
- Automatic shutdowns and warnings.
- Auto-shutdown when power is fed from separate source.
- Refer to Bulletin #S160.13

OPTIONAL ACCESSORIES

- Flat Panel Control System - Kit #1791
- Digital Control System w/AC Metering - Kit #1790.
- 12V Engine Preheat System - Installed
- Battery Box for BCI Group 27/31 (Shipped Loose)
- Second 12V Heater Plug for Intake Manifold (Alaska)
- 10 Ft. Extension Cord for Control Panel - Kit #1801.
- 20 Ft. Extension Cord for Control Panel - Kit #1802.
- Upated Starter Motor 12V 3kW. (Alaska)
- Engine Heater, 120V, 300W Immersion Heater Mounted in Oil Pan, Plug into Shore Power. (Alaska)
- Silicone Engine Mounts. (Alaska)
- Exhaust Muffler Kit #1737 w/S.S. Flex Tubing (CD20 and CD30 Only)

STADCO SUPPORT SERVICES

- Toll free Stadco Tech service hotline: 1-800-377-2120
- Maintenance and service support information posted on Stadco website.
- Routine service provided by selling dealer or Stadco.
- Stadco services: shop and on-site road service. Plus comprehensive rebuilding services.

GENERAL DIMENSIONS

CD Series Generators available in sizes ranging from 10.0kW to 40.0kW

For Complete Specifications See Bulletin #S153.13

©2013 STADCO® PRODUCTS DIVISION
PO BOX 586 • 34 STAUFFER LANE • EPHRATA, PA 17522
PHONE: (717)738-2500 • FAX; (717)738-2550
EMAIL: gensales@staufferdiesel.com • Website: www.stadcogen.com