



Picture shown may not reflect actual configuration

## SUB BASE FUEL TANK for C27 and 32 Enclosure

Dual Wall sub base fuel tanks offer an integrated fuel solution for your Cat® diesel generator set.

### Features

- UL 142 (US) and ULC S601 (Canada) Listed
- NFPA 30, 37 and 110 installation compliant
- CSA C282-09 and B139-04 installation compliant
- Dual wall, secondary containment (minimum of 110% of primary tank capacity)
- Tank design provides capacity for thermal expansion of fuel
- Direct reading fuel level gauge
- Fuel supply dip tube is positioned so as not to pick up fuel sediment
- Fuel return and supply dip tubes are separated by an internal baffle to prevent recirculation of heated return fuel
- Fuel fill – 101.6 mm (4 in), lockable flip top cap
- Primary tank level detection switch in containment basin
- Primary and secondary tanks are leak tested at 20.7 kPa (3 psi) minimum
- Interior tank surfaces coated with a solvent-based thin-film rust preventative
- Heavy gauge steel gussets suitable for lifting package
- Gloss black polyester alkyd acrylic enamel exterior paint over epoxy based primer
- Primary tanks are equipped with customer
- Lockable 2" raised fuel fill with optional seven gallon spill containment
- Leak detection switch
- Port for access to containment tank
- Removable engine supply and return dip tubes
- Fittings for opt fuel levels or auxiliary fuel pump
- Excellent stub-up access beneath circuit breaker (within fuel tank)
- Emergency vents on primary and secondary tanks are sized in accordance with NFPA 30, external to enclosure.
- Compatible with factory enclosures only
- Optional installed fuel level indication at the generator set control panel.
- Optional seismic certification per applicable building codes: IBC 2000, IBC 2003, IBC 2006, IBC 2009, CBC 2007
- Tested and analyzed in accordance with: ASCE 7-98, ASCE 7-02, ASCE 7-05, ICC- ES AC-156
- Anchoring details are site specific, and are dependant on many factors such as generator set size, weight, and concrete strength. IBC Certification requires that the anchoring system used is reviewed and approved by a Professional Engineer.

| Rating |      |          | Engine | Strategy | Run Time @ 100% Load (Hrs) |          |           |
|--------|------|----------|--------|----------|----------------------------|----------|-----------|
| ekW    | kVA  | SB/PP/CN |        |          | 1000 gal                   | 2000 gal | 3600 gal* |
| 1000   | 1250 | SB       | C32    | Low BSFC | 14.4                       | 28.8     | 51.9      |
| 910    | 1138 | PP       | C32    | Low BSFC | 15.9                       | 31.7     | 57.1      |
| 830    | 1038 | CN       | C32    | Low BSFC | 17.4                       | 34.7     | 62.5      |
| 800    | 1000 | SB       | C27    | Low BSFC | 17.8                       | 35.5     | 63.9      |
| 725    | 906  | PP       | C27    | Low BSFC | 19.3                       | 38.6     | 69.5      |
| 750    | 938  | SB       | C27    | Low BSFC | 18.9                       | 37.8     | 68.1      |
| 680    | 850  | PP       | C27    | Low BSFC | 20.7                       | 41.3     | 74.4      |

| Rating |      |          | Engine | Strategy     | Run Time @ 100% Load (Hrs) |          |           |
|--------|------|----------|--------|--------------|----------------------------|----------|-----------|
| ekW    | kVA  | SB/PP/CN |        |              | 1000 gal                   | 2000 gal | 3600 gal* |
| 1000   | 1250 | SB       | C32    | ESE (Tier 2) | 13.9                       | 27.8     | 50.1      |
| 910    | 1138 | PP       | C32    | ESE (Tier 2) | 15.2                       | 30.4     | 54.8      |
| 830    | 1038 | CN       | C32    | ESE (Tier 2) | 16.3                       | 32.6     | 58.7      |
| 800    | 1000 | SB       | C27    | ESE (Tier 2) | 17.5                       | 34.9     | 62.8      |
| 725    | 906  | PP       | C27    | ESE (Tier 2) | 19.0                       | 38.0     | 68.3      |
| 750    | 938  | SB       | C27    | ESE (Tier 2) | 18.7                       | 37.3     | 67.2      |
| 680    | 850  | PP       | C27    | ESE (Tier 2) | 20.2                       | 40.4     | 72.7      |

| Rating |     |          | Engine | Strategy       | Run Time @ 100% Load (Hrs) |          |           |
|--------|-----|----------|--------|----------------|----------------------------|----------|-----------|
| ekW    | kVA | SB/PP/CN |        |                | 1000 gal                   | 2000 gal | 3600 gal* |
| 800    | 640 | SB       | C27    | Tier 4 Interim | 17.0                       | 34.0     | 61.1      |
| 725    | 580 | PP       | C27    | Tier 4 Interim | 18.8                       | 37.6     | 67.7      |

\* Not available for IBC certification

Materials and specifications are subject to change without notice.  
 CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used wi