



Image shown may not reflect actual package

SUB BASE FUEL TANK for C27 and C32 ENCLOSURE

Diesel Generator Set

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 connections for remote fuel transfer, return, and vent. Additional ports provided for customer use.
- 2" Atmospheric screened vent cap
- 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.
- 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.

ATTACHMENTS



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

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