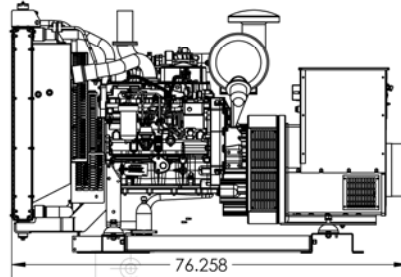
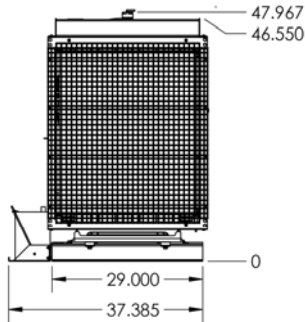


DE90F4

LIQUID-COOLED DIESEL GENERATOR



Est. 1925



Weight: 1860 lbs

Powered by ...



N45 TM2

4.5 Liter

Turbocharged

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE ***VERS DE90F4 7-15

Output Voltage – 60Hz	kW	kVa	Amperes	CB Size
120/240, 1-phase, 1.0 pf	86	86	358	350
120/208, 3-phase, 0.8 pf	90	113	312	300
120/240, 3-phase, 0.8 pf	90	113	270	300
277/480, 3-phase, 0.8 pf	90	113	135	150

*DERATE 10% FOR PRIME POWER USE

EXPERIENCED DESIGN

- WINPOWER HAS BEEN BUILDING INDUSTRIAL GENERATORS SINCE 1925
- BUILT STRONGER TO LAST LONGER
- RUBBER ENGINE AND GENERATOR VIBRATION ISOLATION MOUNTS
- EXPERIENCED ENGINEERING GROUP
- EVERY UNIT IS 100% LOAD TESTED TO ENSURE QUALITY, WE DO NOT USE STATISTICAL SAMPLING
- ALL INVENTORY IS STORED INDOORS UNTIL IT SHIPS
- MADE IN THE USA

GENSET CONTROL

- KEY START WITH ENGINE PREHEAT
- STANDARD SAFETY FEATURES/SHUTDOWNS:
 - LOW OIL
 - HIGH WATER TEMPERATURE

GENERAL INFORMATION

Derating Factors

TEMPERATURE > 104°F 3% PER 10°F
 ALTITUDE 3% PER 1000 ft
 PRIME POWER 10%

Fuel Consumption

100% LOAD 6.94 GAL/HR
 50% LOAD 3.57 GAL/HR

Limited Warranty

Winpower warrants its product from material defects for a period of one year/1000 hrs. FPT warrants the engine for prime power generator applications for 1 year/unlimited hours.

ENGINE SPECIFICATIONS

MAKE.....FPT
 MODELN45 TM2
 EPATIER III
 TYPEDIESEL
 KWM @ 1800 RPM-STANDBY 107
 SPEED GOVERNORMECHANICAL
 CYLINDERS 4
 TOTAL DISPLACEMENT 4.5L
 ASPIRATION..... TURBOCHARGED/AFTERCOOLED
 OIL & FILTER REPLACEMENT600 HRS
 EXHAUST OUTLET (MUFFLER SHIPS LOOSE)3”
 ELECTRICAL SYSTEM (NEGATIVE GROUND) 12 VDC
 ALTERNATOR (BOSCH)90 AMP
 STARTER..... BOSCH
 BATTERY (NOT INCLUDED BCI 31)..... 900 CCA

ALTERNATOR SPECIFICATIONS

RATING90kW @ 125°
 TYPE 4 POLE – REVOLVING FIELD
 SPEED 1800 RPM
 INSULATION SYSTEM..... CLASS H
 SINGLE PHASE.....4 LEAD
 THREE PHASE 12 LEAD
 PITCH..... 2/3
 THD <5%
 COUPLING FLEXIBLE DISC
 BEARINGS (MAINTENANCE FREE) 1
 AUTOMATIC VOLTAGE REGULATION +/- 1.5%
 SINGLE PHASE RATING 1.0pf
 THREE PHASE RATING 0.8pf