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P730P1/P800E1



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Output Ratings

Generating Set Model	Prime*	Standby*
380-415V, 50Hz	730.0 kVA / 584.0 kW	800.0 kVA / 640.0 kW
480V, 60 Hz	750.0 kVA / 600.0 kW	844.0 kVA / 675.2 kW

Ratings at 0.8 power factor.

Prime Rating

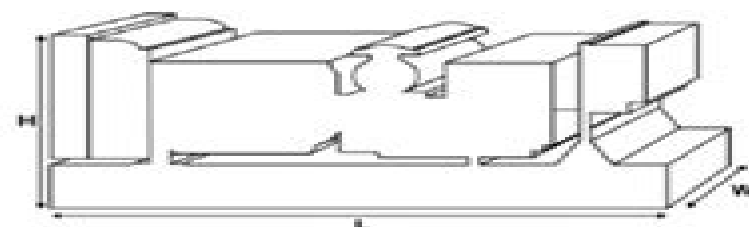
These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 100% overload power for 1 hour in 12 hours.

Standby Rating

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3).

Standard Reference Conditions

Note: Standard reference conditions 25°C (77°F) Air Inlet Temp, 100m (328 ft) A.S.L. 30% relative humidity. Fuel consumption data at full load with diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, Class A2.



Ratings and Performance Data

Engine Make & Model:	Perkins 4006-23TAG2A	
Alternator manufactured for FG Wilson by:	Leroy Somer	
Alternator Model:	LL7024L	
Control Panel:	PowerWizard 1	
Base Frame:	Heavy Duty Fabricated Steel	
Circuit Breaker Type:	3 Pole ACB/MOCB	
Frequency:	50 Hz	60 Hz
Engine Speed: rpm	1500	1800
Fuel Tank Capacity: litres (US gal)	1494 (394.7)	
Fuel Consumption: lit/hr (US gal/hr) (100% Load)		
- Prime	149.8 (39.6)	167.0 (44.1)
- Standby	163.4 (43.2)	189.1 (50.0)

Available Options

FG Wilson offer a range of optional features to tailor our generating sets to meet your power needs. Options include:

- Upgrade to CE Certification
- A wide range of Sound Attenuated Enclosures
- A variety of generating set control and synchronising panels
- Additional alarms and shutdowns
- A selection of exhaust silencer noise levels

For further information on all of the standard and optional features accompanying this product please contact your local Dealer or visit: www.FGWilson.com

Dimensions and Weights

Length (L) mm (in)	Width (W) mm (in)	Height (H) mm (in)	Dry kg (lb)	Wet kg (lb)
4280 (168.5)	1912 (75.3)	2277 (89.6)	6059 (13358)	6170 (13603)
Dry = With Lubr Oil Wet = With Lubr Oil and Coolant				

Ratings in accordance with ISO 8528, ISO 3046, IEC 60034, BS5000 and NEMA MG-1-22. Generating set pictured may include optional accessories.

FG Wilson has manufacturing facilities in the following locations:
Northern Ireland • Brazil • China • India • USA

Perkins Generator Service Manual Old Models

Camilla Rothe



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web what is the mole fraction of licl in the solution 11 8 practice problem acetone c 3 h 6 o has a density of 0 791 g ml and xylene c 8 h 10 has a density of 0 864 g ml a solution was prepared by mixing acetone and xylene calculate the mole fraction of acetone in a solution if 19 0 ml of acetone was dissolved in 98 4 ml of xylene 7 1

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web since the mole fraction of the o 2 is 0 050 it contributes 0 050 or if you will 5 0 of the total pressure thus total pressure is 0 21 0 050 4 2 atm problem 9 a sample of 1 43 g of helium and an unweighed quantity of o 2 are mixed in a flask at room temperature