

Electric System - DC

System Voltage (Nominal).....	12 V
Battery Capacity for Ambient above 32 ⁰ F (0 ⁰ C)	
Voltage (Nominal).....	12 V
Current Capacity - Amp/hr.....	150
Qty. per Battery Bank.....	1
CCA at 0 ⁰ F (-18 ⁰ C).....	640
Reserve Capacity - Minutes.....	260
Battery Cable Minimum Size - mm ²	35
Charging Alternator Output - Amp.....	35
Starter Cranking Amps - at 60 ⁰ F (15 ⁰ C).....	250 - 350

Exhaust System

	2800	2900	3000
Exhaust Flow - ft ³ /min (m ³ /min).....	988(28)	26.2(926.3)	872.2(24.7)
Exhaust Temperature - ⁰ F (⁰ C).....	1022(550)	968(520)	932(500)
Max. Allowable Back Pressure - in H ₂ O(kPa).....	16(4)		
Exhaust pipe Dia. In (mm) for further exhaust piping(Min.).....	4 (100)		

Fuel System

	2800	2900	3000
Fuel Consumption - gal/hr (L/hr).....	8.82(33.4)	8.08(30.6)	7.34(27.8)
Fuel Return - gal/hr (L/hr).....	44.44(168.2)	45.18(171)	45.92(173.8)
Total Supply Fuel Flow - gal/hr (L/hr).....	53.26(201.6)	53.26(201.6)	53.26(201.6)
Fuel Pressure - lb/in ² (kPa).....	36.25(250)		
Fuel Supply Line Size(Min.) - in(mm)	0.5(12.7)		
Fuel Return Line Size(Min.) - in(mm).....	0.375(9.5)		
Max. Allowable Fuel Pump Suction With Clean Filter - in H ₂ O (m H ₂ O).....	31(0.8)		
Max. Allowable Fuel Head Above Fuel Pump Supply or Return - m (ft).....	5 (16.4)		
Fuel Filter Size - Micron.....	3-5 micron		

Heater System

Jacket Water Heater.....	Standard
Wattage (Nominal).....	1500
Voltage - AC, 1P.....	240

Continued.....

Air Intake System**2800 2900 3000**

Air Cleaner Type.....	Dry type, Indoor service only		
Air Intake Restriction Maximum Limit			
Dirty Air Cleaner - in H ₂ O (kPa).....	8(2) for 2800 to 3000 rpm		
Clean Air Cleaner - in H ₂ O (kPa).....	4(1.0) - 5(1.25)		
Engine Air Flow - ft ³ /min (m ³ /min).....	342.55(9.7)	335.5(9.5)	324.9(9.2)
Air Temperature(At Engine Inlet) - °F (°C).....	113(45) Max. Allowable		

Lubrication System

Oil Pressure(Normal) - lb/in ² (kPa).....	36.26 to 79.77 (250 to 550)		
Oil Temperature(In Pan) - °F (°C) (max.).....	248 - 266 (120 - 130)		
Oil Pan Capacity, High - L.....	9.5		
Low - L.....	8.5		
Total Oil Capacity with filter - L.....	11.5		

Performance**2800 2900 3000**

BMEP - lb/in ² (kPa).....	161.5(1113.6)	140.1(965.7)	120(827.7)
Piston Speed - ft/min (m/min).....	2205(672)	2283(696)	2362(720)
Mechanical Noise - dB(A) at 1m.....	102 approx.		
Power Curve.....	Performance curve No. : EPC - UF16R2 - 00		

Note : The unit 'gal/hr or gal/min' mentioned in above data sheet is US gallon.