

NL676AB SPECIFICATIONS

	60 Hz		50 Hz	
	Prime	Standby	Prime	Standby
AC Output¹				
kW	160	180	135	146
KVA	200	225	169	182
Hertz	60	60	50	50
RPM	1800	1800	1500	1500
Voltage regulation	± 1%	± 1%	± 1%	± 1%
Phase ²	3 or 1	3 or 1	3 or 1	3 or 1
Std. low volt (WYE) amps	120/208 555	120/208 624	127/220 443	127/220 479
Std. high volt (WYE) amps	277/480 240	277/480 270	220/380 256	220/380 277
Optional Voltages	120/208 thru 347/600		110/190 thru 230/400	
Motor Starting Max. KVA @ 25% Dip	300 @ 240V		225 @ 416V	

Engine

Mfg. model. type	John Deere 6076AB, vertical in-line 6			
Displacement	466 cid (7.6 ltr)			
Bore/Stroke	4.56/4.75 in (116/121 mm)			
BHP with fan	241	291	205	245
Lube oil capacity	6.5 US gal (24.6 L)			
Fuel inlet and return	3/8 inch NPT			
Maximum fuel lift	39 inches (1 meter)			

Fuel Consumption³

	60 Hz		50 Hz	
	Prime	Standby	Prime	Standby
Full load g/hr (L/hr)	11.8(44.7)	14.4 (54.5)	9.9 (37.5)	12.2 (46.2)
3/4 load g/hr (L/hr)	9.3 (35.2)	10.9 (41.2)	7.8 (29.5)	8.7 (32.9)
1/2 load g/hr (L/hr)	6.5 (24.6)	7.3 (27.6)	5.4 (20.4)	5.9 (22.4)
Max fuel flow g(L)/hr	31.9 (120)	29.2 (110)	26 (98.4)	23.7 (89.7)

Installation Data

Air

Combustion air ^{cfm (m³/min)}	565 (16)	635 (18)	440 (12.5)	510 (14.5)
Generator cooling air ^{cfm (m³/min)}	1120 (32)		930 (26)	
Radiator cooling air ^{cfm (m³/min)}	8500 (242)		6000 (171)	
Max restriction radiator (static)	2 in H ₂ O (50 mm H ₂ O)			

Cooling

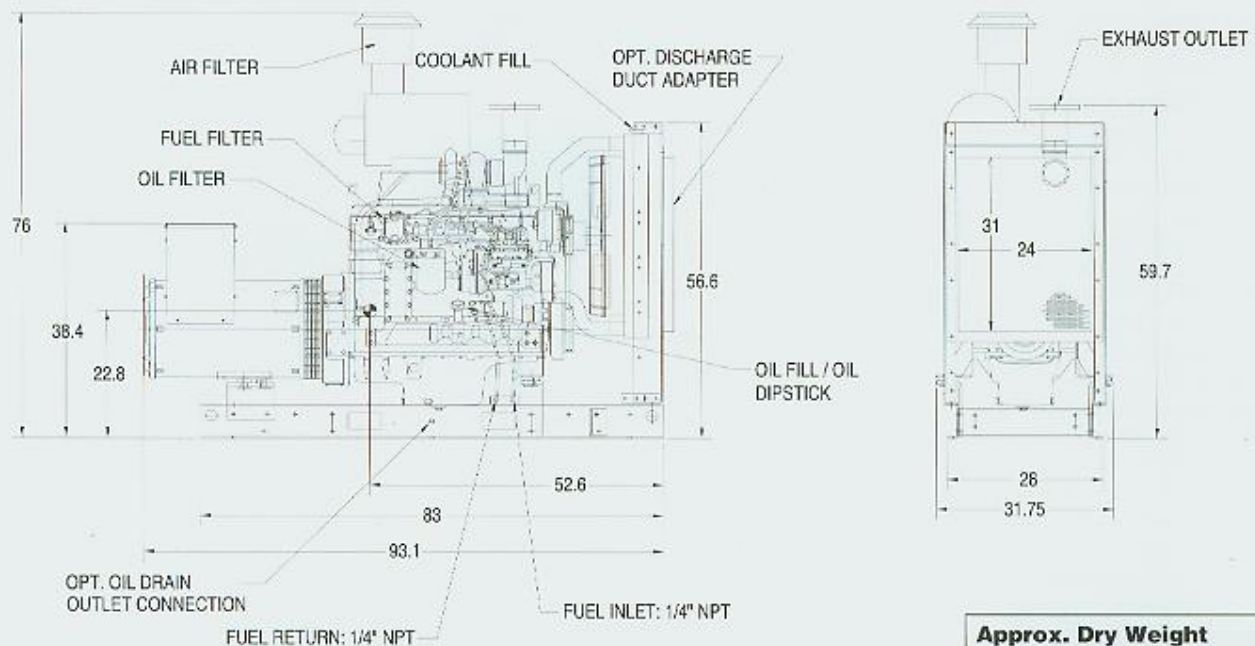
Heat radiated by engine ^{Btu/min}	290	318	262	290
Heat rejected to coolant ^{Btu/min}	5940	7110	5170	6140
Coolant cap. w/radiator ^{gal (l)}	8.75 (33.1)			

Exhaust

Exhaust gas flow ^{cfm (m³/min)}	1480 (42)	1695 (48)	1210 (34.3)	1465 (42)
Max exhaust temp °F(°C)	1015(545)	1020 (550)	1060 (570)	1095 (550)
Max. back pressure	30 in H ₂ O (762 mm H ₂ O)			
Min exhaust outlet ^{in (mm)}	4 (101.6)			

Notes: 1. Deratings: 3% per 1000 ft. over 500 ft. above sea level. 5% for every 10° over 77° F. 2. Three phase rated at 0.8 PF. Single phase rated at 1.0 PF. 3. US gallons per hour. Actual fuel consumption will vary higher or lower depending on operating conditions.

DIMENSIONAL DATA



Dimensions subject to change without notice. Contact dealer for installation drawings.

Approx. Dry Weight
 3 Phase 3284 lbs (1493 kg)
 1 Phase 3754 lbs (1704 kg)