

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)	120/208	120/208	127/220	127/220
amps	555	624	443	479
Std. high volt (WYE)	277/480	277/480	220/380	220/380
amps	240	270	256	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 (m ³ /min)	565 (16)	635 (18)	440 (12.5)	510 (14.5)
Generator cooling air cfm (m ³ /min)	1120 (32)		930 (26)	
Radiator cooling air cfm (m ³ /min)	8500 (242)		6000 (171)	
Max restriction radiator (static)	2 in H ₂ O (50 mm H ₂ O)			

Cooling

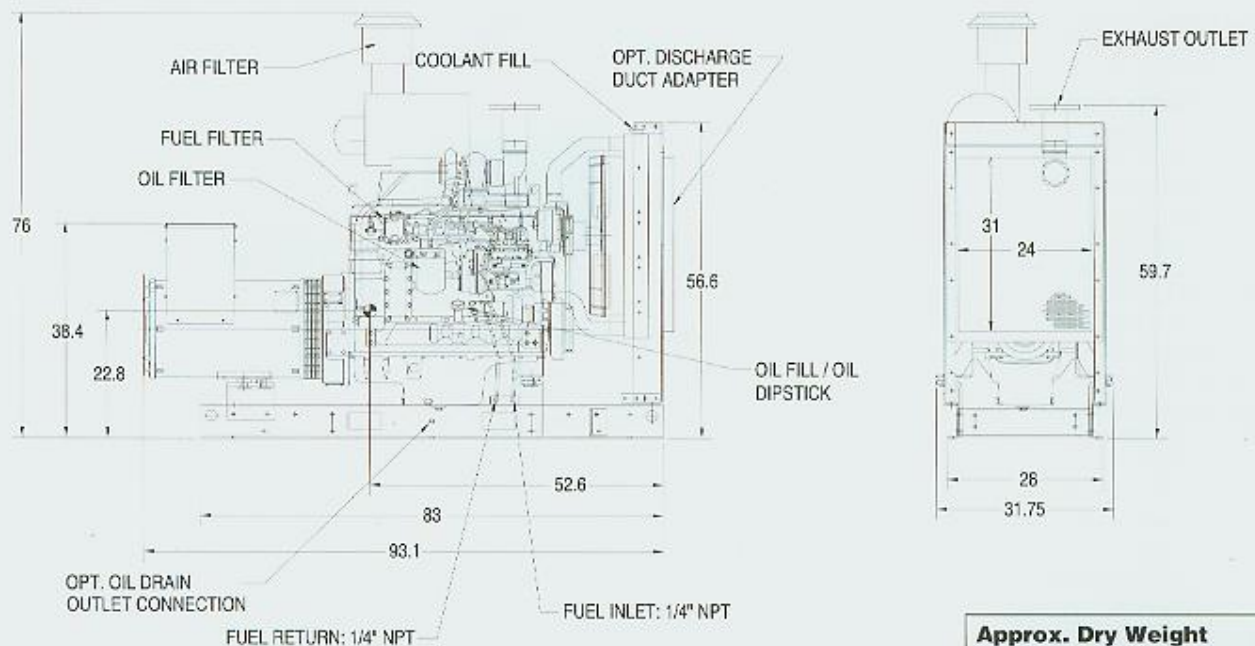
Heat radiated by engine Btu/min	290	318	262	290
Heat rejected to coolant Btu/min	5940	7110	5170	6140
Coolant cap. w/radiator gal (ltr)	8.75 (33.1)			

Exhaust

Exhaust gas flow cfm (m ³ /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



Approx. Dry Weight

3 Phase 3284 lbs (1493 kg)
1 Phase 3754 lbs (1704 kg)

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