



# TGR400 NATURAL GAS GENERATOR

Genset Ratings				
Voltage L-N/L-L	Phase	Hertz	Natural Gas 105" Rise Prime Rating	
			kW/kVA	Amps
277/480	3	60	360/450	542

General Engine Data	
Type	V-Type 4 Cycle
# of Cylinders	12
Aspiration	Turbo Charged Air Cooled
Displacement	21.9 (L)/ 1338 (in. <sup>3</sup> )
Gross Prime Power Rating (HP)	550
RPM	1800

Weight (including trailer)	
Total Weight with 3% added for Miscellaneous Items (lbs.)	19,833

0-Hour Non-Deteriorated Emissions*	
Rated Power (hp) @ 1800 RPM	650
BSCO g/hp-hr	0.10
BSTHC g/hp-hr	0.32
BSNMHC g/hp-hr	0.00
BSNOx g/hp-hr	0.06
BSTHC+Nox g/hp-hr	NA
BSNMHC+Nox g/hp-hr	0.06
BSFC g/hp-hr	160

Exhaust	
Number of Outlets	2
Outlet Diameter	4"
Stack Height from Ground	12' 1"
Exhaust Flow at Rated Power (lb/hr)	3939
Exhaust Flow at Rated Power at @1350°F (cfm)	2995

Sound Attenuation	
Overall Average Sound Pressure(dB(a)) Level @ 23-ft.	75.4

NG Fuel Consumption (MCF per day)	
100% Load MCF/day	101.54
75% Load MCF/day	79.15
50% Load MCF/day	55.61
25% Load MCF/day	33.91

Liquid Propane Fuel Consumption (gallon per day)	
100% Load gal/day	936.90
75% Load gal/day	798.59
50% Load gal/day	537.93
25% Load gal/day	340.44

Fuel Connection Points	
NG Inlet	2" NPT
LP Inlet	1/2" NPT
Scrubber Outlet	1/2" NPT

