



ALTERNATOR DETAIL

DESIGN:

Brushless, revolving field, two pole, 3600 rpm for 60 Hz or optional 50 Hz operation

REGULATION

(+/-) 5% voltage regulation from nameplate rating

WAVEFORM:

Harmonic distortion limited to 7%

INSULATION:

Class H, 200 degree F, slot insulation, varnish and copper windings.

PF:

1.0 (unity) for single-phase units

HYDRAULIC SYSTEM

TYPE OF OIL

Use a premium grade hydraulic oil, such as Mobile DTE series oil or an equivalent

VISCOSITY:

Optimum operating viscosity is ISO 46 for best performance in all conditions

CAPACITY

The reservoir capacity will vary with each generator. Please see the "Reservoir Capacity" in the generator specifications

HYDRAULIC PUMP

MIN INPUT: 980 rpm
MAX INPUT: 3300 rpm
DISPLACEMENT: 45cc
MAX TEMP: 200 Degrees F
MIN TEMP: -15 Degrees F

WEIGHT: 42 lb

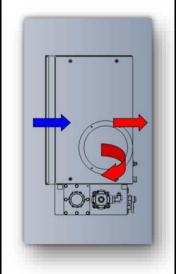
MAX TORQUE: 132 lbft

SHAFT: SAE-B 7/8" 13T Splined

SAE-BB 1.00" Keyed MAX PRESSURE: 4,000 psi

MAX VACUUM: 10.0 inHg

AIR FLOW



	3.6 kW	4.8 kW	6.0 kW	8.0 kW	10.0 kW	12.0 kW	14.0 kW	15.0 kW	20.0 kW	25.0 kW	30.0 kW	Reservoir
Length			25.0	25.0	25.0							6.0
Width			18.0	18.0	18.0							18.0
Height			14.1	14.1	14.1							14.1
Weight			227	231	237							20
Max Kw			6.0	8.0	10.0							
HP Required			14	18	22							
AMP/120 VAC			50	68	84							
AMP/240 VAC			25	34	42							
Max PSI			2700	3100	3500							
Oil Viscosity			ISO 46	ISO 46	ISO 46							
Reservoir GAL												3.8
Flow Rate GPM			10	10	10							
Alt Speed RPM			3600	3600	3600							