

MCR



SPECIFICATIONS

Alternator Detail

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

Rating See nameplate for individual rating.

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

Waveform Harmonic distortion is limited to 7%.

Insulation Class H, 200° 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 (6/8/10 kW)
1150 rpm (12 kW)

Max Input 3300 rpm

Displacement 45cc

Max Temp 200° F

Min Temp -15° F

Weight 42 lb

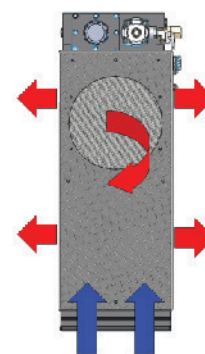
Max Torque 132 lbft

Pump Shaft SAE-B 7/8" 13T splined
SAE-BB 1.00" keyed

Max Pressure 4000 psi

Max Vacuum 10.0 inHg

Airflow



	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
Model Number			6.0MCR	8.0MCR	10.0MCR	12.0MCR						
Length			33.00"	33.00"	33.00"	34.50"						5.00"
Width			14.00"	14.00"	14.00"	14.00"						14.00"
Height			18.13"	18.13"	18.13"	18.63"						18.13"
Weight			227 lbs	231 lbs	237 lbs	247 lbs						20 lbs
Max kW			6.0 kW	8.0 kW	10.0 kW	12.0 kW						
HP Required			14 hp	18 hp	22 hp	27 hp						
Amps @ 120 VAC			50 amps	68 amps	84 amps	100 amps						
Amps @ 240 VAC			25 amps	34 amps	42 amps	50 amps						
Max System PSI			2700 psi	3100 psi	3500 psi	3700 psi						
Oil Viscosity			ISO 46	ISO 46	ISO 46	ISO 46						
Reservoir Capacity												3.3 gal
Flow Rate			10 gpm	10 gpm	10 gpm	12 gpm						
Alternator Speed			3600 rpm	3600 rpm	3600 rpm	3600 rpm						

* Reservoirs are shipped attached, but can be remote mounted.

** Generator Dimensions and weights do not include the reservoir.