ABOVE
A CUT

MADE IN THE USA

Model iP36-50 Intensifier Pump

Physical Size	
Length	80 in (203 cm)
Width	37 in (94 cm)
Height	52 in (132 cm)
Approximate Weight with Fluid	3,020 lbs. (1,370 kg)
Electric Motor	
Motor Output	50 hp (37 kw)
Motor Type	High Efficiency TEFC electric motor
Full load amps @ 460vac (60Hz)	60
Full load amps @ 230vac (60Hz)	120
Intensifier	
Type	Single piston, dual plunger, reciprocating
Number of Intensifiers	One
Nominal Output Pressure	36,000 psi (2500 bar)
Intensification Ratio	12:1
Flow Rate	1.5 gpm (5.61 lpm)
Low-Pressure Water / Intensification Water	
Type: Minimum potable tap water	*Pretreated, <100 TDS, PH 6-8, Silica <15PPM
Supply Requirements	Minimum 2 gpm @ 20 psi (1.4 bar)/ 75°F (24°C) Max.
Filtration	On board, 1 micron
Coolant Water	
Maximum Temperature	70°F (21°C)
Minimum	0-4.0 gpm (0-15.1 lpm) @ Minimum 20 psi (1.3 bar)
Ability to Remove	40,000 BTU's / Hour
Hydraulics	
Reservoir Capacity	37 gallons (140 liters)
Filtration	Full Flow 10 Micron
Environmental	
Ambient Room Temperature	50°-100°F (10°-37°C)
Relative Humidity	Noncondensing, Maximum 95% @ 100°F

* Recommended for optimum component life

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Specifications Subject to Change

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