



# SUNTEC J6PAB1000G - Specifications

## Model J Single-Stage Fuel Unit

### GENERAL

<b>Mounting</b>	Flange mounting
<b>Connection Threads</b>	1/4" NPTF Inlet Port (2 Ports Possible)
	1/4" NPTF Return Port
	1/8" NPTF Nozzle Outlet
<b>Pressure Gauge Port</b>	Use other inlet port
<b>Bleeder Valve Port</b>	1/8" NPSF
<b>External Pressure Regulator Needed</b>	No
<b>Cut-Off</b>	Yes, hydraulic only
<b>Strainer Rating</b>	Unlimited
<b>Shaft Diameter</b>	7/16"
<b>Bypass Plug</b>	Not inserted in return port, for one pipe system. To be inserted in return port with a 5/32" Allen key for two-pipe system

### HYDRAULIC DATA

<b>Nozzle Pressure Range</b>	100-200 psi
<b>Factory Pressure Setting</b>	100 psi
<b>Rated Nozzle Flow</b>	36 GPH @ 100 psi, 1725 RPM (#2 fuel oil), 83 GPH @ 100 psi, 3450 RPM (#2 fuel oil).
<b>Oil Temperature</b>	50 - 115°F
<b>Inlet/Return Pressure</b>	10 psi max
<b>Suction Height</b>	Single pipe : 6" Hg max. vacuum, two-pipe : 13.5" Hg max. vacuum, to prevent air separation from oil
<b>Motor Speed</b>	1725 RPM or 3450 RPM