

# Fuel and Oil Transfer Pumps Vane and Gear Pumps



PA2-100



PA3-25

## Diesel Fuel and Oil Pumps

Self-priming, high-capacity, extremely compact, excellent suction capability. Diesel and oil transfer pumps are available for different voltages and frequencies starting standard at 3 GPM to 30 GPM.

## Vane Pumps

	PA1-60	PA2-80	PA2-100	PA3-25 *
<b>Flow rate (GPM (l/min))</b>	18 (70) / 15 (60)	24 (96) / 20 (80)	30 (120) / 26 (100)	8 (30) / 7 (25)
<b>Power (V/Hz)</b>	115/60 / 230/50	115/60 / 230/50	115/60 / 230/50	115/60 / 230/50
<b>Max. Pressure (PSI (bar))</b>	26 (1.8)	29 (2.0)	32 (2.2)	85 (6)
<b>Port size **</b>	1" BSPP	1" BSPP	1" BSPP	3/4" BSPP
<b>Min. suction line ID</b>	1"	1 1/2"	1 1/2"	3/4"
<b>Min return line ID</b>	1"	1 1/4"	1 1/4"	3/4"
<b>Dimensions (L x W x H) (mm)</b>	9" x 6.5" x 7.5" 230 x 165 x 190	10" x 7.5" x 8" 255 x 190 x 205	11" x 6.75" x 9.1" 280 x 170 x 230	13" x 6.25" x 9.25" 330 x 160 x 235
<b>Weight (lbs (kg))</b>	17 (8)	29 (13)	33 (15)	31 (14)
* The PA3-25 pump is not equipped with a built in strainer (external strainer available)				
** 1" BSPP to 1"NPT adaptors including seal rings provided				

- PA self-priming, rotary electric vane pumps for the transfer of diesel oil (Not for use with Gasoline!)
- Equipped with self ventilating induction motor with IP 55 protection
- By-pass valve is integrated into the pump body (adjustable for PA3-25)
- Pump housing is cast-iron, treated against corrosion and paint-finished; the pump rotor is sintered steel
- Stainless steel strainer is incorporated in the pump body (except PA3-25)
- Constant fuel flow - non-pulsating pump
- Thermal overload protection



GP-302



GP-301-AC

## Gear Pumps

	GP-302	GP-301-AC	GP-602
<b>Flow rate</b>	180 GPH (680 l/h)	210 GPH (800 l/h)	360 GPH (1360 l/h)
<b>Power</b>	12V DC or 24V DC	115V/60Hz or 230V/50Hz	12V DC or 24V DC
<b>Max. Pressure</b>	56 PSI (3.8 bar)	70 PSI (4.8 bar)	56 PSI (3.8 bar)
<b>Port size</b>	3/8" NPT	3/8" NPT	1/2" NPT
<b>Recommended line ID</b>	1/2" (5/8" for runs >15ft)	1/2" (5/8" for runs >15ft)	3/4"
<b>Dimensions (L x W x H) (mm)</b>	6.75" x 4.6" x 3.5" 170 x 120 x 90	10" x 6.5" x 5.1" 255 x 165 x 130	7.5" x 4.75" x 4" 180 x 120 x 100
<b>Weight (lbs (kg))</b>	5.5 (2.5)	9 (4)	6.5 (3)

- Self-priming, bronze gear pumps for the transfer of lube oil, diesel fuel, antifreeze and water (Not for use with Gasoline!)

**Critical Fuel Technology, Inc.**

PO Box 395, Madison Lake, MN 56063 Phone 507-995-0070 Fax 507-243-3595 [www.criticalfueltech.com](http://www.criticalfueltech.com)