PRODUCT 3.4

Sourced CC

D

> 000<u>(</u> G**PRO**

74



At Great Plains Industries, Inc., we manufacture American-made* fuel transfer pumps that are easier for our customers to install, operate and maintain than any other brand. We've been building superior products since 1972, in the heart of the mid-west–Wichita, Kansas, USA.

In this catalog, you will find both our GPI® and GPRO® brands. The GPI brand delivers long-lasting, low-maintenance gear pumps constructed from powder-coated, corrosion-resistant diecast aluminum and is offered with a two-year¹ pump warranty. GPRO fuel transfer pumps are professional grade with high operating pressures and include an industry-leading five-year warranty. The GPRO brand also boasts powder-coated cast iron and long-lasting carbon vanes.

Another unique feature that deserves attention is that GPI is the only pump manufacturer in the industry to factory pre-install power cords on all our DC pump systems². This saves our customers time and hassle during installation!

Saving time during installation is also a benefit of GPI's Exclusive Quick-Fit leak-proof connections. This new generation of pumps is designed with our exclusive Quick-Fit modular accessory system. The modular design simplifies assembly, increases efficiency, and reduces leaks. Featuring flanged fittings with four bolts and an O-ring, Quick-Fit lets you easily connect various accessories, including fuel filters and meters, without worrying about leaks, misalignment, or pipe-thread sealants. Quick-Fit also allows you to rotate the position of the outlet to fit your needs. Learn more on page 15.

And now, in addition to the GPI G20, the GPRO V25 joins our next generation of Quick-Fit modular pumps. With a high fuel flow of 25 gallons per minute, the V25 is the only 12V DC pump on the market that produces sufficient pressure to use hose reels up to 50' in length. In addition, the V25 features GPI's exclusive SAFE STOP timer circuit, which protects your V25 from overheating by automatically turning the pump off after 30 minutes of running in bypass. See more about the V25 on page 16.

Great Plains Industries employees are committed to continuous innovation and improvement. We're dedicated to bringing our customers the most reliable products with superior lifetime performance. At Great Plains Industries, we are **FUELING FORWARD**».

*of Globally Sourced Components

¹Limited Lifetime Warranties are available for some products after a completed product registration



Fluid Legend



Model Number Extensions and Abbreviations

AD	Automatic Diesel Nozzle Included	NPT	National Pipe Taper
AU	Automatic Unleaded Nozzle	NUL	Product Is Not UL Listed
AV	Included Aviation Models	PO	Pump Only, Hose and Nozzle Not Included
BV	Ball Valve Nozzle Included	RD	Remote Dispenser
E	Economy	UL	The Product Is UL Listed
EM	Economy Model	XTS	Extreme Temperature
G6N	Gallon, ¾ in., NPT Threads		Series
G8N	Gallon, 1 in., NPT Threads	6	³ / ₄ in.
L8B	Litre, 1 in., BSPP Threads	8	1 in.
L8N	Litre, 1 in., NPT Threads		
MD	Manual Diesel Nozzle Included		
ML	Manual Leaded Nozzle Included		
MU	Manual Unleaded Nozzle Included		

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²Power cords are not factory-installed on pump only models



NORMAL PRESSURE Manual Nozzle Usage	Flow Rate*	Fluids*	Page				
GPI G8P	8 GPM (30 L/min)		<u>4</u>				
GPI EZ-8	8 GPM (30 L/min)		<u>5</u>				
STANDARD PRESSURE Auto Nozzle and Meter Usage	Flow Rate*	Fluids*	Page				
GPI M-1115S	12 GPM (45 L/min)		<u>6-7</u>				
GPI M-150S	15 GPM (57 L/min)		<u>8-9</u>				
GPI M-240S	15 GPM (57 L/min)	DGK	<u>10</u>				
GPI M-180S	18 GPM (69 L/min)	DGK	<u>11</u>				
GPI G20	20 GPM (76 L/min)	DGK	<u>12-13</u>				
Filter and Adapters Guide (Filter and Adapters Guide (8 to 20 GPM)						

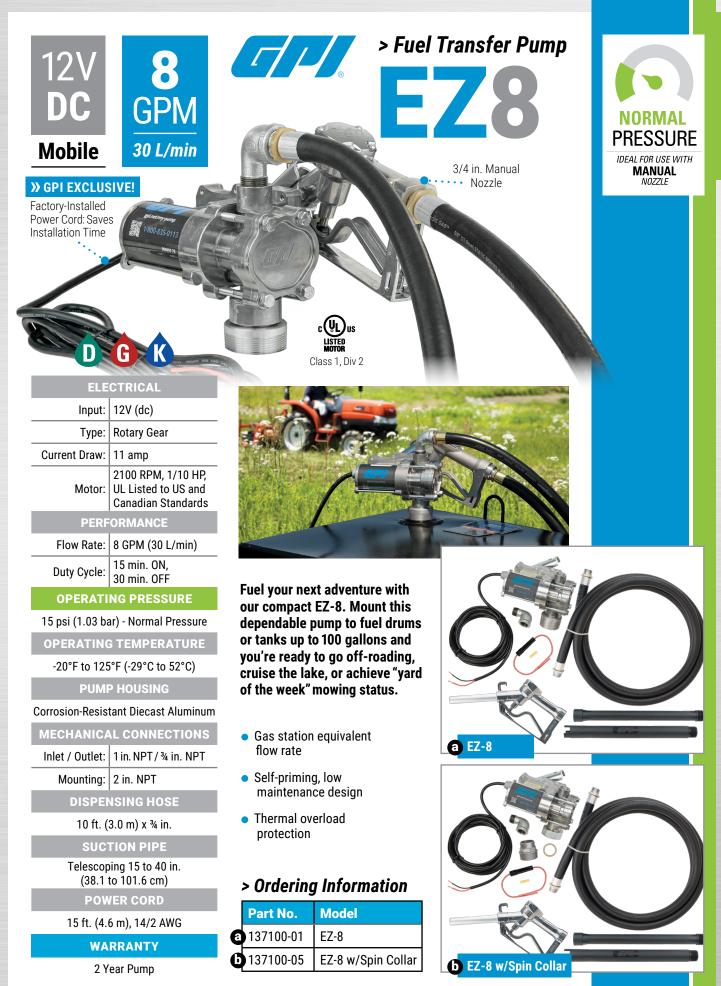
Quick-Fit Product Guide

Flow Rate*	Fluids*	Page				
25 GPM (94 L/min)		<u>16-17</u>				
25 GPM (94 L/min)	DGK	<u>17</u>				
20 GPM (76 L/min)	DGK	<u>18-19</u>				
20 GPM (76 L/min)	DGK	<u>19</u>				
35 GPM (132 L/min)	DGK	<u>20-21</u>				
20/35 GPM (76/132 L/min)	DGK	<u>22-23</u>				
20/35 GPM (76/132 L/min)	DGK	<u>24</u>				
QM Remote Dispenser (76/132 L/min) Filter and Adapters Guide (20 to 40 GPM)						
	25 GPM (94 L/min) 25 GPM (94 L/min) 20 GPM (76 L/min) 20 GPM (76 L/min) 35 GPM (132 L/min) 20/35 GPM (76/132 L/min)	25 GPM (94 L/min) DGK 25 GPM (94 L/min) DGK 20 GPM (76 L/min) DGK 20 GPM (76 L/min) DGK 35 GPM (132 L/min) DGK 20/35 GPM (76/132 L/min) DGK 20/35 GPM (76/132 L/min) DGK				

SPECIAL APPLICATION TRANSFER PUMPS	Flow Rate*	Fluids*	Page
GPI Methanol Pumps	12 GPM (45 L/min)	Ŵ	<u>26</u>
OIL TRANSFER PUMPS			
GPI Heavy-Duty: L5116 & L5132	16/32 QPM (15/30 L/min)	O PF	<u>27-28</u>
Heavy-Duty Oil Pump Acce	ssories and Spa	re Parts	<u>28</u>
GPI Lightweight: P-200-2UR & PA-200-2UR	8 GPM (30 L/min)	OPFA	<u>29</u>
CHEMICAL TRANSFER PU	JMPS		
GPI 12V (dc): P-200H-2UR & P-120H-2UR	8/12 GPM (30/45 L/min)	Ġ	<u>30</u>
GPI 115V (ac): PA-200H-2UR&PA-120H-2UR	8/12 GPM (30/45 L/min)	Ġ	<u>31</u>
Lightweight Oil and Chemi	cal Pump Access	ories	<u>32</u>
HAND PUMPS	Flow Rate*	Fluids*	Page
GPI HP-100	up to 50 G (189 L) per 100 strokes		<u>33</u>
GPI DP-20 & RP-10	up to 20 G (76 L) per 100 strokes		<u>34</u>
GPI RP-5, LP-50 & BP-12	see product page for	see product page for recommended fluids	<u>35</u>
	flow rates		
Hand Pump Accessories a			<u>36</u>
Hand Pump Accessories an METERS		Fluids*	<u>36</u> Page
	nd Spare Parts		
METERS	nd Spare Parts		
METERS MECHANICAL FUEL MET	rlow Rate* ERS 5 to 30 GPM	Fluids*	Page
METERS MECHANICAL FUEL MET GPI M30	And Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM	Fluids*	Page <u>37</u>
METERS MECHANICAL FUEL MET GPI M30 GPRO QM40	And Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM	Fluids*	Page <u>37</u>
METERS MECHANICAL FUEL MET GPI M30 GPRO QM40 DIGITAL FUEL METERS	nd Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM (8 to 150 L/min) see page for flow rates	Fluids*	Page <u>37</u> <u>38</u>
METERS MECHANICAL FUEL MET GPI M30 GPRO QM40 DIGITAL FUEL METERS GPI 01A & 03A	nd Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM (8 to 150 L/min) see page for flow rates	Fluids*	Page <u>37</u> <u>38</u>
METERS MECHANICAL FUEL MET GPI M30 GPRO QM40 DIGITAL FUEL METERS GPI 01A & 03A DIESEL EXHAUST FLUID I GPI 01N31GM-U &	And Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM (8 to 150 L/min) see page for flow rates METERS 3 to 30 GPM	Fluids*	Page 37 38 39
METERS MECHANICAL FUEL MET GPI M30 GPRO QM40 DIGITAL FUEL METERS GPI 01A & 03A DIESEL EXHAUST FLUID I GPI 01N31GM-U & 01N12LM-U	And Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM (8 to 150 L/min) see page for flow rates METERS 3 to 30 GPM	Fluids*	Page 37 38 39
METERS MECHANICAL FUEL MET GPI M30 GPRO QM40 DIGITAL FUEL METERS GPI 01A & 03A DIESEL EXHAUST FLUID I GPI 01N31GM-U & 01N12LM-U WATER METERS	And Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM (8 to 150 L/min) See page for flow rates METERS 3 to 30 GPM (11 to 113 L/min) 0.3 to 50 GPM	Fluids*	Page 37 38 39 40
METERS MECHANICAL FUEL MET GPI M30 GPRO QM40 DIGITAL FUEL METERS GPI 01A & 03A DIESEL EXHAUST FLUID I GPI 01N31GM-U & 01N12LM-U WATER METERS GPI 01N & 03N	And Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM (8 to 150 L/min) See page for flow rates METERS 3 to 30 GPM (11 to 113 L/min) 0.3 to 50 GPM	Fluids*	Page 37 38 39 40
METERS MECHANICAL FUEL MET GPI M30 GPRO QM40 DIGITAL FUEL METERS GPI 01A & 03A DIESEL EXHAUST FLUID I GPI 01N31GM-U & 01N12LM-U WATER METERS GPI 01N & 03N CHEMICAL METERS	and Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM (8 to 150 L/min) see page for flow rates METERS 3 to 30 GPM (11 to 113 L/min) 0.3 to 50 GPM (1 to 190 L/min) 2 to 20 GPM	Fluids*	Page 37 38 39 40 40
METERS MECHANICAL FUEL MET GPI M30 GPRO QM40 DIGITAL FUEL METERS GPI 01A & 03A DIESEL EXHAUST FLUID I GPI 01N31GM-U & 01N12LM-U WATER METERS GPI 01N & 03N CHEMICAL METERS GPI FM-300H	and Spare Parts Flow Rate* ERS 5 to 30 GPM (19 to 114 L/min) 2 to 40 GPM (8 to 150 L/min) see page for flow rates METERS 3 to 30 GPM (11 to 113 L/min) 0.3 to 50 GPM (1 to 190 L/min) 2 to 20 GPM	Fluids*	Page 37 38 39 40 40

*See product page for details on flow rates and recommended fluids.







steer loader on the move until the job is finished.

WARRANTY

2 Year Pump



> Ordering Information

	Part No.	Model	Nozzle	Hose	Mount	Suction Pipe	Nozzle Holder
a	110000-82	M-1115S-AU	Automatic	12 ft.	Spin Collar	Included	Lockable
b	110000-81	M-1115S-MU	Manual	12 ft.	Spin Collar	Included	Lockable
C	110000-87	M-1115S-P0	None	None	Spin Collar	None	Lockable



> Compatible Fluids

Designed, tested and approved for use with gasoline blends (up to E15), diesel fuel blends (up to B20) and kerosene.

> Pump Only Models

Additional compatible fluids: pump only models also support the use of aviation gasoline (AVGAS100LL) and kerosene grade (JET A).



your next race, or refueling your fleet of mowers, our M-150 provides reliable flowrates with minimal downtime. Mount this easy-to-install workhorse to mobile tanks and fuel your passion.

> Compatible Fluids

Designed, tested and approved for use with gasoline blends (up to E15), diesel fuel blends (up to B20) and kerosene.

> Pump Only Models

Additional compatible fluids: pump only models also support the use of aviation gasoline (AVGAS100LL) and kerosene grade (JET A).

POWER CORD

18 ft. (5.5 m), 12/2 AWG WARRANTY 2 Year Pump









> Ordering Information

	Part No.	Model	Nozzle	Hose	Power Cord	Mount	Suction Pipe	Nozzle Holder
0	110000-100	M-150S-AU	Automatic	12 ft.	Installed	Spin Collar	Included	Lockable
6	110000-99	M-150S-MU	Manual	12 ft.	Installed	Spin Collar	Included	Lockable
C	110000-107	M-150S-EM	Manual	10 ft.	Installed	Direct Mount	Included	Standard
0	110000-103	M-150S-PO	None	None	Included*	Spin Collar	None	Lockable
e	110240-02	M-150S-E-PO	None	None	None	Direct Mount	None	Standard
	*Customer installation required							





M-150 PUMP AND M30 METER COMBO KITS:

Part No.	Model	Meter Units	Nozzle	Hose
110610-18	M-150S-AU/M30-G6N	Gallon	Automatic	12 ft.
110610-17	M-150S-MU/M30-G6N	Gallon	Manual	12 ft.
110610-20	M-150S-AU/M30-L6N	Litres	Automatic	12 ft.



2 Year Pump

> Ordering Information

Part No.	Model	Nozzle	Hose	Power Cord	Mount	Suction Pipe	Nozzle Holder
110000-70	M-240S-MU	Manual	12 ft.	Installed	Spin Collar	Included	Lockable
110000-71	M-240S-P0	None	None	Included*	Spin Collar	None	Lockable

*Customer installation required



*Customer installation required

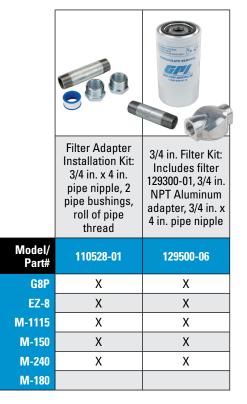




	Part No.	Model	Nozzle	Hose	Power Cord	Power Cord Mount		Nozzle Holder
a	162000-03	G20-012AD	Automatic	14 ft.	Installed	Spin Collar	Included	Lockable
6	162000-02	G20-012MD	Manual	14 ft.	Installed	Spin Collar	Included	Lockable
C	162000-01	G20-012P0	None	None	None	Spin Collar	None	Lockable

FILTER AND ADAPTERS GUIDE Up to 18 GPM (69 L/min)

			ATTOLICATE REMOVAL	NAME A PARTICULAR RANK	
	3/4 in. NPT, Aluminum Filter Adapter for 18 GPM (67 L/min), 1-12 UNF	1 in. NPT, Aluminum Filter Adapter for 25 GPM (95 L/min), 1 - 12 UNF	Particulate Filter: 18 GPM (67 L/min), 10 micron, 1-12 UNF	Water and Particulate Filter: 18 GPM (67 L/min), 10 micron, 1-12 UNF	Water & Particulate Bio-Tek® Filter: 25 GPM (95 L/min), 2 micron, 1-12 UNF
Model/ Part#	129420-26	129420-27	129300-01	129300-02	129340-04
G8P	Х		Х	Х	Х
EZ-8	Х		Х	Х	Х
M-1115	X		Х	Х	Х
M-150	Х		Х	Х	Х
M-240	Х		Х	Х	Х
M-180		Х	Х	Х	Х



20 to 40 GPM (76 to 151 L/min)



For more, visit the ACCESSORIES AND SPARE PARTS section at the back of the catalog (page 42-47).

QUICK-FIT PRODUCT GUIDE"

QUICK-FIT PUMPS

G20

FUEL TRANSFER

See all models Page 12

GEAR PUMP

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QUICK-FIT CESSORIES



90 Degree Outlet allows accessories to be mounted in multiple directions

Quick-Fit pump models include a 90 Degree Outlet and hardware.

If the outlet needs replaced, part number 162205-01 would be an equivalent replacement.

90 DEGREE OUTLET Part#162205-01 Page 45

QUICK-FIT FUEL METERS

 $[0\ 0\ 0\ 0]$ GPI M30 FUEL METER Total



FUEL METER #165100-01, M30-G8N #165100-02, M30-L8N #165100-03, M30-G6N #165100-04, M30-L6N

Page 37



FUEL METER #139000-01, QM40-G8N #139000-02, QM40-L8N Page 38







CLEAN AND SIMPLE!

GPRO° **V**25

FUEL TRANSFER

See all models Page 16

VANE PUMP

Quickly attach a filter, meter, or both to customize your personal fuel station.

Simple flanged, four-bolt connections with O-ring for leak-free, trouble-free installation!

> Turn to page 16, to learn more about the V25 Models





- scratching, fading, and wearing
- Extreme Temperature Series (XT) models available -

Capable of operation in temperatures as low as -40°F (-40°C)

Fuel Transfer Pump			2 GP	M	24V DC Mobile
	5-0 2	2/	PU	Class 1, Div = Class 1, Div PHOUSI	Div 1
Input:				coated Cas	
Туре:		ME			
Current Draw:	20 amp		t / Outlet:		
Motor:	2000 RPM, 4/10 HP, UL Listed to US and Canadian Standards		Mounting: DISPEN	2 in. NPT ISING H	
PERF	ORMANCE		18 ft. ((5.5 m) x 1	in
Flow Rate:	25 GPM (94 L/min)		SUC		ΡE
Duty Cycle:	1 in. NPT, Telescoping to 40 in. (101.6 cm)				
OPERATI	NG PRESSURE		POW	ER COR	D

18 ft. (5.5 m), 10/2 AWG

WARRANTY 5 Year Pump

> Ordering Information

20 psi (1.38 bar) - High Pressure

OPERATING TEMPERATURE

-20°F to 125°F (-29°C to 52°C)

	Part No.	Model	Nozzle	Hose	Power Cord	Suction Pipe	Temperature Rating
12V a	170000-03	V25-012AD	Automatic	18 ft.	Installed	Included	-20° F (-29° C)
6	170000-02	V25-012MD	Manual	18 ft.	Installed	Included	-20° F (-29° C)
C	170000-01	V25-012P0	None	None	None	None	-20° F (-29° C)
8	170000-06	V25-012AD+XT	Automatic	18 ft.	Installed	Included	Tested to -40° F (-40° C)
G	170000-05	V25-012PO+XT	None	None	None	None	Tested to -40° F (-40° C)
24V a	170001-03	V25-024AD	Automatic	18 ft.	Installed	Included	-20° F (-29° C)
6	170001-02	V25-024MD	Manual	18 ft.	Installed	Included	-20° F (-29° C)
C	170001-01	V25-024P0	None	None	None	None	-20° F (-29° C)

> Compatible Fluids

Designed, tested and approved for use with gasoline blends (up to E15), diesel fuel blends (up to B20) and kerosene.

> Pump Only Models

Additional compatible fluids: pump only models also support the use of aviation gasoline (AVGAS100LL) and kerosene grade (JET A).



Fuel Transfer Pump PRO20-115





Vacuum Breaker ready

Automatic or Manual Nozzle Models available



Center Based Inlet includes Check Valve and easy access to Fuel Strainer

Looking for a powerful pump for your stationary fuel storage tank? Our PRO20-115 is excellent for keeping your fleet on the go, your skidder pulling logs, or your backhoe digging.



- Extended duty cycle tested to exceed industry standards
- Thermally protected motor
- Field replaceable switch and vanes



ELECTRICAL					
Input:	115 VAC, 60 Hz				
Туре:	Carbon Vane				
Current Draw:	4.9 amp				
Motor:	1725 RPM, 1/3 HP, UL Listed to US and Canadian Standards				
PERF	ORMANCE				
Flow Rate:	20 GPM (76 L/min)				
Duty Cycle:	30 min. ON, 30 min. OFF				

Breaker ready, see Accessories on page 46

Vacuum

22 psi (1.52 bar) - High Pressure OPERATING TEMPERATURE -20°F to 125°F (-29°C to 52°C) PUMP HOUSING

Powder Cast Iron
MECHANICAL CONNECTIONS
Inlet / Outlet: 1 in. NPT
Mounting: 2 in. NPT
DISPENSING HOSE
18 ft. (5.5 m) x 1 in.

WARRANTY

5 Year Pump



 Extreme Temperature Series (XTS) model available

. () - 1 - 1 - 2 - 1 - 1 - 2 - 1 - 2 - 2 - 1 2 - 2			726
	RD® IONAL GRADE Insfer Pump	20 GPN 76 L/mi	
	020	-23	BO CUUS PUMP&MOTOR
ELE	CTRICAL	OPERATI	NG PRESSURE
Input:	230V, 50 Hz	22 psi (1.52 l	oar) - High Pressure
Туре:	Carbon Vane	OPERATING	G TEMPERATURE
Current Draw:	2.5 amp	-20°F to 125	5°F (-29°C to 52°C)
Matan	1725 RPM, 1/3 HP, UL Listed to US and	PUM	P HOUSING
	Canadian Standards	Powder C	Coated Cast Iron
PERF	ORMANCE	MECHANICA	L CONNECTIONS
Flow Rate:	20 GPM (76 L/min)	Inlet / Outlet:	1 in. NPT
Duty Cycle:	30 min. ON, 30 min. OFF	Mounting:	2 in. NPT

5 Year Pump

> Ordering Information

	Part No.	Model	Nozzle	Hos	e	Temp Rating	erature J
115V a	503000-03	PR020-115AD	Automatic Diesel			-20° F ((-29° C)
6	503000-08	PR020-115AU	Automatic Unleaded	¾ in.	x 14 ft.	-20° F ((-29° C)
G	503000-02	PR020-115MD	Manual Diesel	1 in.:	x 18 ft.	-20° F ((-29° C)
d	503000-01	PR020-115P0	None	None	;	-20° F ((-29° C)
d	503000-05	PRO20-115PO/ XTS	None	None	è	Tested -40° F (to (-40° C)
8	503000-09	PRO20-115AD/ XTS	Automatic Diesel	1 in.:	x 18 ft.	Tested -40° F (to (-40° C)
				·		·	-
230Vd	523000-01	PR020-230P0	None	None	-20° F ((-29° C)	

> Compatible Fluids

Designed, tested and approved for use with gasoline blends (up to E15), diesel fuel blends (up to B20) and kerosene.

> Pump Only Models

Additional compatible fluids: pump only models also support the use of aviation gasoline (AVGAS100LL) and kerosene grade (JET A).



Fuel Transfer Pump PROFESSIONAL GRADE > Fuel Transfer Pump PRO35-115



Vacuum Breaker ready

> Lockable Nozzle Holder

Center Based Inlet includes Check Valve and easy access to Fuel Strainer

The fastest fuel transfer pump from GPRO. Choose the PRO35-115 for mounting on large stationary fuel tanks. This powerful pump will fill even the biggest fuel tanks quickly and easily so you can get back to clearing debris, planting crops, or stacking lumber.

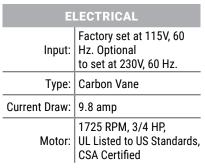


• Extended duty cycle tested to exceed industry standards

 Thermally protected motor

 Field replaceable switch and vanes





PE	RFORMANCE
Flow Rate:	35 GPM (132 L/min)
Duty Cycle:	30 min. ON, 30 min. OFF
OPERA	TING PRESSURE
25 psi (1.7	2 bar) - High Pressure
OPERATI	NG TEMPERATURE
-20°F to 1	25°F (-29°C to 52°C)
PU	MP HOUSING
Powde	r Coated Cast Iron
MECHANI	CAL CONNECTIONS
nlet / Outlet:	1¼ in. NPT / 1 in. NPT
Mounting:	2 in. NPT
DISP	ENSING HOSE
18 f	t. (5.5 m) x 1 in.
V	ARRANTY
Į	5 Year Pump

Vacuum

Breaker ready,

on page 46

see Accessories

WARRAN







- Powder coating creates a durable and long-lasting finish that resists corrosion, withstands chipping, scratching, fading, and wearing
- Extreme Temperature Series (XTS) model available

> Ordering Information

	Part No.	Model	Nozzle	Hose	Temperature Rating
a	504000-03	PR035-115AD	Automatic	18 ft.	-20° F (-29° C)
b	504000-01	PR035-115P0	None	None	-20° F (-29° C)
b	504000-05	PRO35-115PO/ XTS	None	None	Tested to -40° F (-40° C)

> Compatible Fluids

Designed, tested and approved for use with gasoline blends (up to E15), diesel fuel blends (up to B20) and kerosene.

> Pump Only Models

Additional compatible fluids: pump only models also support the use of aviation gasoline (AVGAS100LL) and kerosene grade (JET A).

SEE ACCESSORIES FOR OPTIONAL EQUIPMENT > <u>Starting on page 42</u>



PUMPAND METER COMBOS

GPRO combos are available with the PRO20-115 or PRO35-115 fuel transfer pump and can be paired with the M30 or QM40 fuel meter.



	PR020-115	PR035-115
FLOW RATE	20 GPM (76 L/min)	35 GPM (132 L/min)
ELECTRICAL INPUT	115V (ac)	115V (ac) or 230V (ac)
CURRENT DRAW	4.9 amp	9.8 amp
MOTOR	1725 RPM, 1/3 HP	1725 RPM, 3/4 HP
OPERATING PRESSURE	22 psi (1.52 bar)	25 psi (1.72 bar)
INLET/OUTLET SIZE	1 in. NPT / 1 in. NPT	1¼ in. NPT / 1 in. NPT
MOUNTING SIZE	2 in. NPT	2 in. NPT

SEE THE M30 FUEL METER OF PAGE 37		R			15/030 and Meter Combos Procentisad/M30-GBN Combos
> Ordering Informa			VARRANTY r Pump and M	eter	PRO20-115MD/M30-L8N
Part No.	Model	Meter Units	Nozzle	Hose	
a 503000-80	PR020-115AD/M30-G8N	Gallon	Automatic	14 ft.*	
b 503000-79	PR020-115MD/M30-G8N	Gallon	Manual	14 ft.*	PR020-115P0/M30-G8N
C 503000-78	PR020-115P0/M30-G8N	Gallon	None	None	PR020-115P0/M30-G8N PR020-115P0/M30-L8N
a 503000-83	PR020-115AD/M30-L8N	Litre	Automatic	14 ft.*	111
b 503000-82	PR020-115MD/M30-L8N	Litre	Manual	14 ft.*	
C 503000-81	PR020-115P0/M30-L8N	Litre	None	None	



0.40

		PF	RO 2	20	Pump a	nd Me	ter Combos	
SEE THE QM40 SERI FUEL METE ON PAGE 3 > Ordering	g		WARRAN		QM40-0 PR020- QM40-1	115AD/		
Informa	ition er		Year Pump and	d Meter		20-115P0	/QM40-G8N	
Part No.	Model	Meter Units	Nozzle	Hose			/QM40-L8N	
a 503000-71	PR020-115AD/QM40-G8N	Gallon	Automatic	18 ft.*				
C 503000-70	PR020-115P0/QM40-G8N	Gallon	None	None		Q Q Q <u>d</u> C PRO		
00000070								
a 503000-73 c 503000-72	PRO20-115AD/QM40-L8N PRO20-115PO/QM40-L8N	Litre Litre	Automatic None *18 ft. (5.5		_110			
a 503000-73 C 503000-72	PRO20-115AD/QM40-L8N PRO20-115PO/QM40-L8N	Litre	None *18 ft. (5.5	None	Pump a PR035- QM40-0	and Me 115AD/ 58N 115AD/	A Combos	
a 503000-73 C 503000-72 C 503000-72	PRO20-115AD/QM40-L8N PRO20-115PO/QM40-L8N	Litre	None *18 ft. (5.5 ROC Constant WARRAN	None 5m) x 1 in. 355	Pump a PR035- QM40-0 PR035-	and Me 115AD/ 58N 115AD/		
a 503000-73 C 503000-72 C 503000-72	PRO20-115AD/QM40-L8N PRO20-115PO/QM40-L8N	Litre	None *18 ft. (5.5	None 5m) x 1 in. 355	Pump a PR035- QM40-0 PR035-	and Me 115AD/ 58N 115AD/		
a 503000-73 C 503000-72 C 503000-72	PRO20-115AD/QM40-L8N PRO20-115PO/QM40-L8N	Litre	None *18 ft. (5.5 ROC Constant WARRAN	None 5m) x 1 in. 355	Pump a PR035- QM40-0 PR035- QM40-1	and Me 115AD/ 58N 115AD/	eter Combos	
a 503000-73 C 503000-72 C 503000-72 C SO3000-72 C SO3000-72 C SO3000-72 C SO3000-73 C SO3000-73 C SO3000-73 C SO3000-73 C SO3000-73 C SO3000-73 C SO3000-73 C SO3000-72 C SO30	PRO20-115AD/QM40-L8N PRO20-115PO/QM40-L8N	Litre PI	None *18 ft. (5.5 ROC Constant WARRAN Year Pump and	None 5m) x 1 in. 355	Pump a PR035- QM40-0 PR035- QM40-1	and Me	eter Combos	
a 503000-73 c 503000-72 c 503000-72 c 503000-72 c 503000-72 c 503000-72 c 503000-73 c 503000-73 c 503000-73 c 503000-73 c 503000-73 c 503000-73 c 503000-73 c 503000-72 c 50000-72 c 50000-72	PRO20-115AD/QM40-L8N PRO20-115PO/QM40-L8N	Litre PI	None *18 ft. (5.5 ROC WARRAN Year Pump and Nozzle	None 5m) x 1 in. 355	Pump a PR035- QM40-0 PR035- QM40-1	and Me 115AD/ 5-115AD/ 8N 5-115PO/ 5-115PO/ 5-115PO/	eter Combos	
a 503000-73 C 503000-72 C 503000-72 C 503000-72 C 503000-72 C 504000-71 C 504000-71	PRO20-115AD/QM40-L8N PRO20-115PO/QM40-L8N	Litre PI	None *18 ft. (5.5 ROC WARRAN Year Pump and Nozzle Automatic	None 5m) x 1 in. 355	Pump a PR035- QM40-0 PR035- QM40-1	and Me 115AD/ 5-115AD/ 8N 5-115PO/ 5-115PO/ 5-115PO/	eter Combos	

Provides ground-level access to meter and nozzle when used on in-ground or above ground tanks. Assemble your system by following these steps:

Choose to measure gallons or litres.

Model	Part No.	Flow Range
QM240-RD	143650-11	2 to 40 GPM
QM150-RD	143650-12	15.14 to 151.42 L/min

Choose the pump that best meets your needs.

	Model	Part No.	Flowrate
а	PR020-115RD	503000-04	20 GPM (76 L/min)
b	PR035-115RD	504000-04	35 GPM (132 L/min)



Add the Vacuum Breaker Kit (see page 51).
Part No. 504500-03





0000

a 126517-05	Pulser Kit 115V (AC)
b 143500-16	Mounting Shelf Kit
c 133511-02	Cabinet Base (15 in. x 13 in. x 34 in.)

Includes: QM fuel meter,

solenoid valve and lockable nozzle holder (purchase pump, nozzle and hose separately).

15"

Stationary



See Accessories (page 42 and 43) for nozzles and hoses.

34" ories d 43) for



+/- ½% accuracy for use with diesel fuel and gasoline^{*} *For use

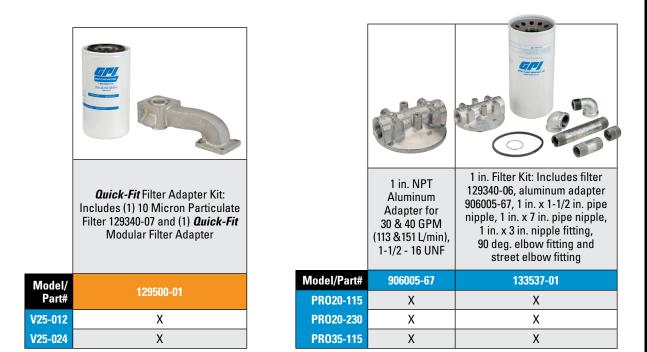
*For use with diesel fuel, gasoline and kerosene.

13'



FILTER AND ADAPTERS GUIDE 20 to 40 GPM (76 to 151 L/min)

(And the state of t			
	Particulate Filter: 30 GPM (113 L/min), 10 micron, 1-1/2 - 16 UNF	Water & Particulate Filter: 30 GPM (113 L/min) 10 micron, 1 ½ - 16 UNF	Particulate Filter: 40 GPM (151 L/min) 30 micron, 1 ½ - 16 UNF	Water & Particulate Bio-Tek® Filter: 40 GPM (151 L/ min), 2 micron, 1-1/2 -16 UNF
Nodel/Part#	129320-01	129320-02	129340-06	129340-05
V25-012	Х	Х	Х	Х
V25-024	Х	Х	Х	Х
PR020-115	Х	Х	Х	Х
PR020-230	Х	Х	Х	Х
PR035-115	Х	Х	Х	Х



For more, visit the ACCESSORIES AND SPARE PARTS section at the back of the catalog (page 42-47).



	> Mo	ethai ansfe	nol er Pu	ımps
	EZ8 Methanol		M	-1. Me
	Class 1, Div 1			
EL	ECTRICAL		EL	ECTRIC
Input:	12V (dc)		Input:	12V (do
Туре:	Rotary Gear		Туре:	Rotary
Current Draw:	11 amp	Curre	ent Draw:	18 amp
Motor:	2100 RPM, 1/10 HP, UL Listed to US and Canadian Standards		Motor:	1900 RI UL Liste Canadia
PER	FORMANCE		PER	FORMA
Flow Rate:	8 GPM (30 L/min)	Flo	w Rate:	15 GPN
Duty Cycle:	15 min. ON, 30 min. OFF		y Cycle:	30 mm.
	ING PRESSURE			TING PR
	.03 bar) - Normal Pressure		15 psi (*	1.03 bar) Pressure
	IG TEMPERATURE	OP	ERATIN	IG TEMI
-20°F to 12	25°F (-29°C to 52°C)	-20)°F to 12	25°F (-29
PUN	IP HOUSING		PUN	IP HOU
Nickel Plate	ed Diecast Aluminum	Nic	kel Plat	ed Diecas
MECHANIC	CAL CONNECTIONS	ME	CHANI	CAL CON
Inlet/Outlet:	3/4 in. NPT	Inlet	/Outlet:	3/4 in. l
Mounting:	2 in. NPT	M	ounting:	2 in. NF
PO	WER CORD		PO	WER CO
15 ft. (4	.6 m), 14/2 AWG		18 ft. (5.5 m), 12
W	ARRANTY		W	ARRAN
2	Year Pump		2	Year Pur
> Orderi	ng Information	> Or	derin	g Info
Part No.				Model
T art NO.				model

137700-01 EZ-8-Methanol-PO

ister Pumps	
M-150 Methanol	M-1115 Methanol
Class 1, Div 1	Class 1, Div 1
ELECTRICAL	ELECTRICAL
Input: 12V (dc)	Input: 115V (ac)
Type: Rotary Gear	Type: Rotary Gear
Current Draw: 18 amp	Current Draw: 1.8 amp
1900 RPM, 1/5 HP, Motor: UL Listed to US and Canadian Standards	1400 RPM, 1/8 HP, Motor: UL Listed to US and Canadian Standards
PERFORMANCE	PERFORMANCE
Flow Rate: 15 GPM (57 L/min)	Flow Rate: 12 GPM (45 L/min)
Duty Cycle: 30 min. ON, 30 min. OFF	Duty Cycle: 30 min. ON, 30 min. OFF
OPERATING PRESSURE	OPERATING PRESSURE
15 psi (1.03 bar) - Normal Pressure	15 psi (1.03 bar) - Normal Pressure
OPERATING TEMPERATURE	OPERATING TEMPERATURE
-20°F to 125°F (-29°C to 52°C)	-20°F to 125°F (-29°C to 52°C)
PUMP HOUSING	PUMP HOUSING
Nickel Plated Diecast Aluminum	Nickel Plated Diecast Aluminum
MECHANICAL CONNECTIONS	MECHANICAL CONNECTIONS
Inlet/Outlet: 3/4 in. NPT	Inlet/Outlet: 3/4 in. NPT
Mounting: 2 in. NPT	Mounting: 2 in. NPT
POWER CORD	WARRANTY
18 ft. (5.5 m), 12/2 AWG	2 Year Pump
WARRANTY 2 Year Pump	
	> Ordering Information Part No. Model
> Ordering Information	
Part No. Model	110700-04 M-1115S-Methanol-P
Part No. Model 110700-01 M-150S-Methanol-PO	> See <u>page 39</u> , for Meth compatible me

RRANTY ear Pump g Information Model M-1115S-Methanol-PO page 39, for Methanol compatible meters

• Designed for use with methanol

$\mathbf{DERCTING TEMPER}$	Cur Di Motor	16 115V/ 230 10 115V/ 230 10 10 10 10 11 10<	 Specifically use with hig Consider the fluid and terry when choose for your app For use with hydraulic fluid and non-flar solvents. Do gasoline or 	-Duty Oil er Pumps designed for gh viscosity fluids re viscosity of the mperature range sing the oil pump	SPECIAL APPLICATIO PUMPS	N
C = C + C + C + C + C + C + C + C + C +	Cur Du Motor	32 115V/ 230 0 1/15V/ 230 0 L/min 13 amps (115V/60Hz) raw: 13 amps (115V/60Hz) 6.6 amps (230V) : 3450 RPM, 1HP POWER CORD 36" (14 cm), 3 prong, grounded NEMA plug MAX VISCOSITY 970 CPS	Type: PERFO Duty Cycle: OPERATIO 50 ps PUMP Corrosion-F Alu MEC CONN Inlet /	CTRICAL Gerotor ORMANCE 30 min. ON, 30 min. OFF NG PRESSURE i (3.45 bar) HOUSING Resistant Diecast uminum HANICAL IECTIONS 1 in. NPT / 3/4 in.		
a L5116 > Ordering In Part No. Model F		Voltage	8 ft. (2.4 SUCT Telescopi (38.1 t WAI			

	Part No.	Model	Flow Rate	Voltage	Power Cord
8	142100-01	L5116	16 QPM (15 L/min)	115/230V (ac), 60 Hz	3 ft. (.91m)
6	142100-02	L5132	32 QPM (30 L/min)	115/230V (ac), 60 Hz	3 ft. (.91m)

CERTIFIED MOTOR

ACCESSORIES AND SPARE PARTS

The following accessories and spare parts are compatible with these heavy-duty oil pump models:

■ L5116 ■ L5132









> 12V Chemical Transfer Pumps

Recommended use:

P-200H-2UR: Medium/Thick Chemicals (10 to 450 centipoise viscosity). **Do not use** with gasoline, diesel fuel or micro-encapsulated chemicals.

P-120H-2UR: Thin Chemicals (0 to 10 centipoise viscosity). Do not use with gasoline, diesel fuel or micro-encapsulated chemicals.

Ġ						
ELEC	CTRICAL					
Input:	12V (dc)					
Туре:	Gear					
PERF	ORMANCE					
Duty Cycle:	30 min. ON, 30 min. OFF					
OPERATI	NG PRESSURE					
16 ps	i (1.10 bar)					
OPERATING	TEMPERATURE					
-20°F to 120	°F (-29°C to 50°C)					
PUMP	HOUSING					
Poly	propylene					
MECHANICAL CONNECTIONS						
Inlet/Outlet:	1 in. NPT					
Mounting:	2 in. NPT					
WA	RRANTY					
2 Year Pump						



> Ordering Information

	Part No.	Model	Flow Rate	Includes
a	118000-2	P-200H-2UR	8 GPM (30 L/min)	2 in. Union Ring**
6	118602-10	P-200H-TAP	8 GPM (30 L/min)	Tote-a-Pump Assembly**
C	118000-1	P-120H-2UR	12 GPM (45 L/min)	2 in. Union Ring**

*Rate and duty cycle will vary with viscosity and temperature **Nozzle, hose and suction pipe sold separately. Herbicide Kit #111502-2 sold separately. Kit includes hose, pipe and nozzle (<u>see Accessories</u>).











	Part No.	Model	Flow Rate	Includes
8	118003-2	PA-200H-2UR	8 GPM (30 L/min)	2 in. Union Ring**
6	118602-12	PA-200H-TAP	8 GPM (30 L/min)	Tote-a-Pump Assembly**
a	118003-1	PA-120H-2UR	12 GPM (45 L/min)	2 in. Union Ring**

*Rate and duty cycle will vary with viscosity and temperature

**Nozzle, hose and suction pipe sold separately. Herbicide Kit #111502-2 sold separately. Kit includes hose, pipe and nozzle (<u>see Accessories</u>).

ACCESSORIES AND SPARE PARTS

The following accessories and spare parts are compatible with the following lightweight oil and pump and chemical pump models:

- P-200-2UR
- PA-200-2UR
- P-200H-2UR
- P-200H-TAP
- P-120H-2UR
- PA-200H-2UR
- PA-200H-TAP
- PA-120H-2UR



Part#

	1 in. x 12 ft. (3.7m) hose, chemical, EPDM	1 in. x 12 ft. (3.7m) fuel hose assembly with spring support	1 in. x 12 ft. (3.7m) fuel hose with static wire, POP	1 in. x 14 ft. (4.2m) fuel hose with spring and static wire, POP
Part#	110189-502	121036-501	110529-02	110529-03

		Enve	
	Ball valve nozzle, 1 in. NPT	Composite suction pipe, 1 in. NPT, adjusts from 15 to 40 in. (38.1 to 101.6 cm)	Composite suction pipe extension, adds 14.5 in. (36.8 cm)
Part#	110107-2	110241-01	110241-02



	Dattery Glamp Kit	Heavy Duty	15 ft (4.6 m), 14/2 AWG
Model/Part#	110527-1	133263-01	110412-515
P-200-2UR	Х	Х	Х
P-200H-2UR	Х	Х	Х
P-200H-TAP	Х	Х	Х
P-120H-2UR	Х	Х	Х



• Built-in anti-siphon valve

b HP-100-UL



> Ordering Information

Part No.	Model	Certifications	Compatible Fluids
114000-5	HP-100	None	
114000-10	HP-100-UL	University Pump	





SPECIFICATIONS

Type: Piston Hand Pump

PERFORMANCE

Flow Rate:

100 Stroke Cycles (Up to 189 Litres per 100 Strokes Cycles)

Up to 50 Gallons per

HOUSING MATERIAL

Corrosion-Resistant Aluminum

NOZZLE MATERIAL

Thermoplastic or Metal

MECHANICAL CONNECTIONS

Inlet: 1 in. NPT

- Outlet: 3/4 in. NPT
- Mounting: 2 in. NPT

DISPENSING HOSE

8 ft. (2.44 m) x 3/4 in.

SUCTION PIPE

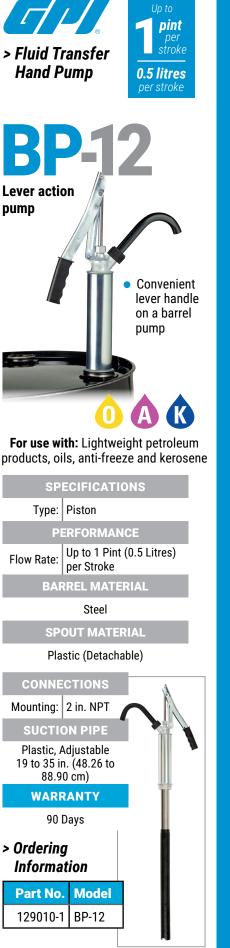
Telescoping 15 to 40 in. (38.1 to 101.6 cm)

WARRANTY

2 Year Pump







Ø		ACCESSORIES AND SPARE PARTS				
HAN PUM					3/4 in. NPT x 8 ft. (2.4 m) hose	3/4 in. NPT x 8
		Nozzle Spout, 3/4 in. NPT, Unleaded	Nozzle Spout, Unleaded	HOSES Model/Part#	and nozzle spout assem- bly kit, POP 114504-503	ft. (2.4 m) fuel hose, UL 114045-501
	Model/Par	t# 114047-501	138123-01	HP-100	Х	
	HP-100-U	JL X		HP-100-UL		Х
	RP-'	10 X		RP-10		Х
	DP-:	20	X	DP-20		Х
		Overhaul Kit for HP-100 Piston ring, three seals packing seals and line	, Vanes springs, o-r and gasket	ings	Diaphragm and Seal Kit for DP-20	
	Model/Par		123503-1		138501-01	
HP-100						
RP-10			X			
	DP-2	20			Х	

ĩ			
	Composite suction pipe, 1 in. NPT, adjusts from 15 to 40 in. (38.1 to 101.6 cm)	Composite suction pipe extension, adds 14.5 in. (36.8 cm)	
Model/Part#	110241-01	110241-02	
HP-100	Х	Х	
DP-20	X	Х	
RP-10	Х	Х	







4

4

QUICK-FIT

MODULAR

• Easily attaches to the new

modular fuel transfer pumps

• Simple four-bolt connections

0

0

MAGNETIC DRIVE Eliminates Drive Shaft Leaks

OVAL GEAR TECHNOLOGY Usually found in meters

costing 10x more



TECHNOLOGY

Positive Displacement

MAXIMUM WORKING PRESSURE

50 psi (3.4 bar)

PRESSURE DROP (AT MAX FLOW)

Diesel: 7.0 psi (0.5 bar) Unleaded: 4.5 psi (0.3 bar) OPERATING

TEMPERATURE -40° to 125° F / -40° to 52° C (-20° to 125° F UL)

HOUSING, COVER, FITTINGS

Corrosion-Resistant Diecast Aluminum

> **INLET/OUTLET** THREADS

1 in. NPT (Female)

WARRANTY

5 Year

Easy-To-Read Four-Digit • Display

Durable .

Twist Knob •

Reset

Aluminum Housing

EXTREME ACCURACY!

Within +/- 1/2% across a flow range from 2 to 40 GPM (8 to 150 L/min).

2.40

GPM

8 - 150

L/min

- Rotatable register for easy reading
- Batch total and cumulative total display

• Optional pulser accessory is compatible with most fuel management systems

	QM40-G8N	QM40-L8N	
Unit of Measure	U.S. Gallons	Litre	
Flow Range	2 to 40 GPM	8 to 150 L/min	
Accuracy:	± ½% (2 to 40 GPM)	± ½% (8 to 150 L/min)	
Diesel	± ¼% (15 to 35 GPM)	± ¼% (57 to 132 L/min)	
Accuracy:	± ½% (2 to 23 GPM w/o kit, 23 to 40 GPM w/kit*)	± ½% (8 to 150 L/min w/o kit, 87 to 151 L/min w/kit*)	
Unleaded	± ¼% (2 to 20 GPM w/o kit, 27 to 40 GPM w/kit*)	± ¼% (8 to 75 L/min w/o kit, 120 to 151 L/min w/kit*)	
Maximum Batch Total	999.9	9999	
Maximum Cumulative Total	9,999,999.9	99,999,999	



> Ordering Information

Part No.	Model	Units
139000-01	QM40-G8N	Gallons
139000-02	QM40-L8N	Litres

ACCESSORIES	Part No.
*Unleaded Fuel, Gear Kit	139500-15
Pulser Kit, 115V (ac)	126517-05
Fitting, 90° Meter, 1" Male NPT	139130-03
Modular Hardware Kit: Adapter, Outlet 1 in.	162205-01



DISPLAY

4-Digit LCD

FIELD CALIBRATION

No

WARRANTY

2 Year

> Ordering Information

Part No.	Model	Units	Thread
113255-1	01A31GM	Gallons	1 in. NPT
113255-2	01A31LM	Litres	1 in. NPT
113255-3	01A12LM	Litres	1 in. ISO
113255-12	01A52LM	Litres	1 in. BSPP
113700-02	01A31GMME (Methanol)	Gallons	1 in. NPT

Powered by: Two alkaline AAA batteries

Groups D.CE.

For use with:

gasoline (gasohol up to E15), diesel fuel (bio-diesel blends up to B100) and kerosene. Methanol model (01A31GMME) available. Do not use with water or chemicals.



Series

GP.

CALIBRATE

- Compact and light
 - weight at just 12 oz. • Mount directly to the
 - nozzle for easy reading

Ranging from

1 - 190 L/min

Certifications: FM Approved as Intrinsically Safe for Class I, Division 1 Groups A thru G. U.L. classified to Canadian Standards. ATEX-ANNEX VIII. CE.

For use with: gasoline (gasohol up to E15), diesel fuel (bio-diesel blends up to B100) and kerosene. Methanol model (03A31GMME) available. Do not use with water or chemicals.

Powered by: Two alkaline AAA batteries

> Ordering Information

6-Digits

FIELD CALIBRATION

Yes

WARRANTY

2 Year

Part No.	Model	Flow Range	Accuracy	Thread
113900-9500	03A30GM	0.3-3 GPM (1-11 L/min)	± 5% of reading	1 in. NPT
113900-9501	03A31GM	3-50 GPM (11-190 L/min)	± 1.5% of reading	1 in. NPT
113900-9502	03A32GM	20-200 GPM (76-760 L/min)	± 1.5% of reading	2 in. NPT
113700-01	03A31GMME (Methanol)	3-50 GPM (11-190 L/min)	± 1.5% of reading	1 in. NPT

Powered by: Two alkaline AAA batteries

000 **MECHANICAL** & DIGITAL **METERS**



01N31GM-U & 01N12LM-U

 Electronic display keeps batch and cumulative totals Powered by: Two alkaline AAA batteries

totals

For use with: DEF, water, or similar fluids. Do not use with flammable liquids, fuels or chemicals not compatible with wetted materials (see owner's manual).

 $^+/-$ 5.0% of reading

TECHNOLOGY

Turbine

MAXIMUM WORKING PRESSURE

150 psi (10.34 bar)

OPERATING TEMPERATURE

14° to 130°F (-10° to 55°C)

HOUSING

Nylon

DISPLAY

4-Digit LCD

FIELD CALIBRATION

No

WARRANTY

2 Year

> Ordering Information

Part No.	Model	Units	Thread
113255-24	01N31GM-U	Gallons	1 in. NPT
113255-25	01N12LM-U	Litres	1 in. ISO



	01N	03N30	03N31
Flow Range	3 to 30 GPM (11 to 113 L/min)	0.3 to 3 GPM (1 to 11 L/min)	3 to 50 GPM (11 to 190 L/min)
Accuracy	± 5% of reading	± 5% of reading	± 1.5% of reading
Field Calibration	No	Yes	Yes
Display	4-Digit LCD	6-Digit LCD	6-Digit LCD
Powered By	Two alkaline AAA batteries	Two alkaline AAA batteries	Two alkaline AAA batteries
Certifications	CE	CE, FM, U.L. Classified to Canadia Standards. & ATEX ANNEX VIII	

> Ordering Information

Part No.	Model	Units	Thread
113255-4	01N31GM	Gallons	1 in. NPT
113255-5	01N31LM	Litres	1 in. NPT
113255-6	01N12LM	Litres	1 in. ISO (female)
113900-9510	03N30GM	Gallons/Litres	1 in. NPT
113900-9511	03N31GM	Gallons/Litres	1 in. NPT

> Digital Chemical Meter

2-20

GPM

7-76

L/min

IN MILL STREET

FM-300H

<u>T</u>

ELECTRONIC DISC METER

C Ŵ

For use with: Most herbicides and other chemicals compatible with meter materials.

- Electronic display keeps batch and cumulative totals
 Powered by: 9 Volt alkaline battery
- Mounts easily on hose end, pump or fluid transfer system

ACCURACY

Factory: ⁺/– 2% of reading Field: ⁺/– 0.5% of reading TECHNOLOGY

Nutating Disc

MAX WORKING PRESSURE

50 psi (3.4 bar)

HOUSING

PBT Polyester

DISPLAY

Maximum Value is 999, 999 (x 100)

FIELD CALIBRATION

Yes

WARRANTY 2 Year

> Ordering Information

Part No.	Model	Units	Thread
120000-1	FM-300H-G8N	Gallons / Litres	1 in. NPT
120000-2 (Canada)	FM-300H-L8N	Litres / Imperial Gallons	1 in. NPT

LM-300

For use with: Motor oil, gear oil, hydraulic oil, antifreeze, ATF and waste oil. Do not use with flammable fluids or antifreeze that exceeds 50% water.

 Gallons, litres, pints or quarts display

> Digital Oil

Meter

Powered by: 9 Volt alkaline battery

8-80

L/min

ELECTRONIC DISC METER

ACCURACY

+/- 2% of reading

- TECHNOLOGY
- Nutating Disc

MAX WORKING PRESSURE

50 psi (3.4 bar)

OPERATING TEMPERATURE

0° F to 130° F (-18° C to 54° C)

HOUSING

PBT Polyester

DISPLAY

6-digit

FIELD CALIBRATION

Yes

WARRANTY

2 Year

> Ordering Information

Part No.	Model	Thread
120000-28	LM-300- Q6N	1 in. NPT (¾ in. bushings included)



+/- 0.5% of reading

TECHNOLOGY

Oval Gear

MAX WORKING PRESSURE

1500 psi (103 bar)

OPERATING TEMPERATURE

-4° to 140° F (-20° to 60° C)

HOUSING

Nylon

DISPLAY

6-digit LCD

FIELD CALIBRATION

No

WARRANTY

2 Year

> Ordering Information

Part No.	Model	Thread
LM51DN	LM51DN	½ in. NPT

SPARE PARTS AND ACCESSORIES

Great Plains Industries, Inc. carries a full line of spare parts and accessories for our pumps and meters. **Contact us toll-free at 800-835-0113** for help in selecting the correct replacement kit for your product.

FUEL NOZZLES

	3/4 in. NPT Manual, Unleaded, U.L Listed	3/4 in. NPT Auto, Unleaded, U.L Listed	1 in. NPT Manual, Diesel, U.L Listed	1 in. NPT Auto, Diesel, U.L Listed
/Model Part	M2-06N-U 155000-01	110121-8	M2-08N-D 155000-04	906008-570
G8P	Х			
EZ-8	Х			
M-1115	Х	Х		
M-150	Х	Х		
M-240	Х	Х		
M-180	Х	Х	Х	
G20-012			Х	X
V25-012			Х	Х
V25-024			Х	X
PR020-115		Х	Х	Х
PR020-230		Х	Х	X
PR035-115			Х	Х

SUCTION PIPES



FUEL HOSES - 3/4 in. NPT

	3/4 in. x 12 ft. (3.7 m) Fuel Hose with Static Wire	3/4 in. x 12 ft. (3.7 m) Fuel Hose with Static Wire	3/4 in. x 14 ft.(4.2 m) Fuel Hose with Spring Support and Static Wire	3/4 in. x 18 ft. (5.5 m) Fuel Hose with Static Wire, UL Listed	3/4 in.x 20 ft.(6.1m) Fuel Hose with Spring Support and Static Wire
Model/Part#	110523-1	110187-501	110529-01	141201-507	110049-507
EZ-8	Х	Х	Х		
M-1115	Х	Х	Х	Х	Х
M -150	Х	Х	Х	Х	Х
M-240	Х	Х	Х	Х	Х

FUEL HOSES - 1 in. NPT

	1 in. x 12 ft. (3.7 m) Fuel Hose Assembly with Static Wire	1 in. x 12 ft. (3.7m) Fuel Hose with Static Wire	1 in. x 14 ft. (4.2m) Fuel Hose with Spring Support and Static Wire	1 in. x 18 ft. (5.5 m) Fuel Hose with Static Wire	1 in. x 20 ft. (6.1 m) Fuel Hose Assembly
Model/Part#	121036-501	110529-02	110529-03	150100-501	133262-05
M-180	Х	Х	Х	Х	Х
G20-012	Х	Х	Х	Х	Х
V25-012	Х	Х	Х	Х	Х
V25-024	Х	Х	Х	Х	Х
PR020-115	Х	Х	Х	Х	Х
PR020-230	Х	Х	Х	Х	Х
PR035-115	Х	Х	Х	Х	Х

HOSE SWIVELS AND TANK SPARE PARTS

						0	
	3/4 in. Fuel Hose Swivel	1 in. Fuel Hose Swivel	Pressure Vent Cap Assembly: Cap and Adapter	Replacement Cap: for Vent Cap Assembly	Bung Adapter Kit: 2 in. NPT Bung Adapter	Tank Adapter, 2 in. NPT x 1 in. NPT	Tank Adapter, 2 in. NPT x 1 1/4 in. NPT
Model/Part#	150400-02	150400-04	906001-4	906004-62	110909-1	133142-501	133142-502
G8P	Х						
EZ-8	Х		Х	Х			
M-1115	Х		Х	Х	Х		
M-150	Х		Х	Х	Х		
M-240	Х		Х	Х	Х		
M-180		Х	Х	Х	Х		
G20-012		Х	Х	Х	Х		
V25-012		Х	Х	Х		Х	
V25-024		Х	Х	Х		Х	
PR020-115		Х	Х	Х		Х	
PR020-230		Х	Х	Х		Х	
PR035-115		Х	Х	Х			Х

POWER CORDS

A	Power Cord Kit: 15 ft (4.6 m), 14/2 AWG	Power Cord Kit: 18 ft (5.5 m), 12/2 AWG	Power Cord Kit: 18ft (5.5 m), 10/2 AWG	Power Cord Kit: 22 ft (6.7 m), 12/2 AWG
Model/Part#	110412-515	110242-01	501009-503	110929-01
EZ-8	Х			
M -150		Х		Х
M-240		Х		Х
M -180		Х		Х
G20-012		Х		Х
V25-012			Х	
V25-024			Х	

BATTERY CLAMPS

	Battery Clamp Kit	Battery Clamps, Heavy Duty
Model/Part#	110527-1	133263-01
G8P	Х	Х
EZ-8	Х	Х
M-150	Х	Х
M-24 0	Х	Х
M-180	Х	Х
G20-012	Х	Х
V25-012		Х
V25-024		Х

PEDESTAL



Model/Part#

133170-01

	GEAR PUMP KITS		
	Overhaul Kit for G8P: motor shaft seal, pump gears, replacement o-rings	Overhaul Kit for EZ-8: For pumps mfg. on or before Jan. 8, 2016 motor shaft key, two gears, one set of replacement seals	Overhaul Kit for EZ-8: For pumps mfg. Jan. 15, 2016 or later two gears, one set of replacement seals
Model/Part#	147500-01	13750005	137500-14
G8P	Х		
EZ-8 / EZ-8 METHANOL		Х	Х



Gear Pump Overhaul and Conversion Kit: two gears, poppet, strainer, switch cover plate, drive key and replacement seals for the gear cover motor shaft (use motor shaft seal to convert existing pump to B100 compatibility)

Model/Part#	
M-150 / M-150 METHANOL	Х
M-240	Х
M-180	
M-1115 / M-1115 METHANOL	Х

	Gear Kit for G20: gear coverplate o-ring #226, gears	G20 Seal Kit: bypass valve orifice seal, bypass poppet o-ring #920, gear coverplate o-ring #226, outlet port o-ring #222, motor shaft seal, electrical coverplate seal	Modular Hardware Kit: Modular Adapter, Outlet 1 in.
Model/Part#	162501-01	162502-01	162205-01
G20	Х	Х	Х

VANE PUMP KITS

	Shaft Seal Kit: Retainig ring, shaft seal and spacer washer	B100 Shaft Seal Kit: (For GPI Vane Pumps, except M-3020) Requires minimum operating temperature of 40° F for B100
Model/Part#	133503-1	133503-02
V25-012	Х	
V25-024	Х	
PR020-115	Х	Х
PR020-230	Х	Х
PR035-115	Х	Х



Model/Part#	133503-05
PR020-115	Х
PR020-230	Х
PR035-115	Х

VACUUM BREAKER KIT

Model#	504500-03
V25-012	Х
V25-024	Х
PR020-115	Х
PR020-230	Х
PR035-115	Х

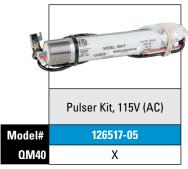
PUMP (PRO20 & PRO35) & METER COMBO ADAPTER



Fitting, 90° Meter, 1" Male NPT

Model#	139130-03
M 30	Х
QM 40	X

PULSER KIT



VANE PUMP KITS

)
_	Seal Kit: Four replacement seals	Vane Kit: Eight 1.25 in. vanes, shaft key, and one seal	Vane Kit: Shaft key, eight 2 in. vanes and one seal	
Model#	133504-1	133501-1	133502-1	
PR020-115	Х	Х		
PR020-230	Х	Х		
PR035-115	Х		Х	

	Vane Kit: Shaft key, eight 1.5 in. vanes and one seal	Seal Kit: rotor cover seal, bypass plug seal, strainer cover seal, centering base seal, bypass poppet seal, outlet seal, and electrical coverplate seal
Model/Part#	170513-01	170512-01
V25-012	Х	Х
V25-024	Х	Х

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