

G20 TECHNICAL DATA SHEET



LEGACY OF RETAIL
FUEL TRANSFER SOLUTIONS

The GPI G20 Series Fuel transfer pump is the first gear pump to deliver TRUE 20 GPM.

20
GPM | **76**
L/min

12V DC
Voltage (Power Source)

WETTED MATERIALS (ALL MODELS)

Housing & Cover Plates:	Aluminum
Shaft Materials:	Stainless Steel
Gears:	PPS
Strainer Mesh:	Stainless Steel
Poppet Valve:	Acetal
Seals:	Nitrile / FKM

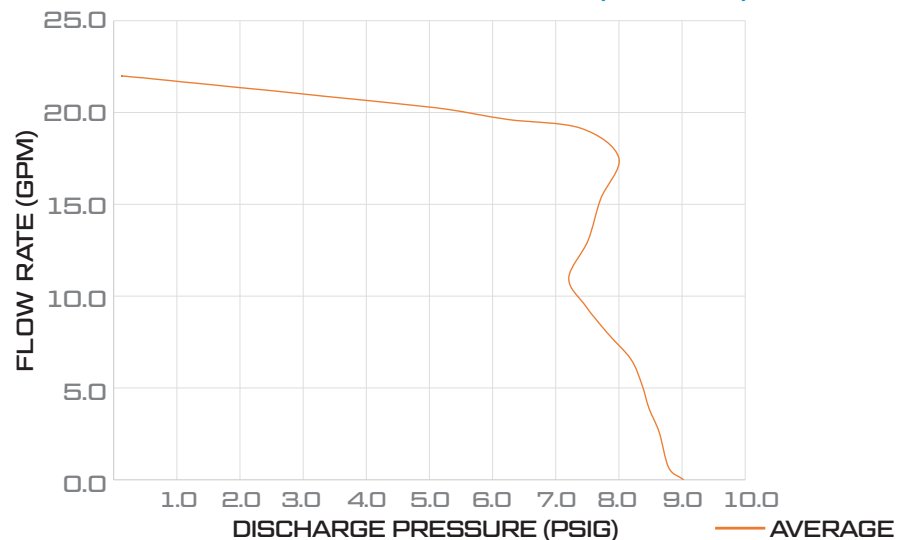


SPECS (ALL MODELS)

Max. Flow Rate:	20 GPM 76 L/min
Max. Discharge Pressure:	Up to 11.5 PSI
Operating Temperature:	-22° F to 131° F (-30° C to 55° C)
Dry Vacuum:	6 in. Hg
At Sea Level 70° F (21.1° C)	Suction Lift: Up to 10 ft. (3 m)
	Discharge Lift: Up to 15 ft. (4.5 m)
Mounting Type, Thread:	Spin Collar, 2in. MNPT
Warranty:	Limited Lifetime Warranty*

*Extended warranty coverage requires registration with GPI. Default warranty is 2 years. Visit gpi.net/product-registration/

PERFORMANCE CURVE (12VDC)

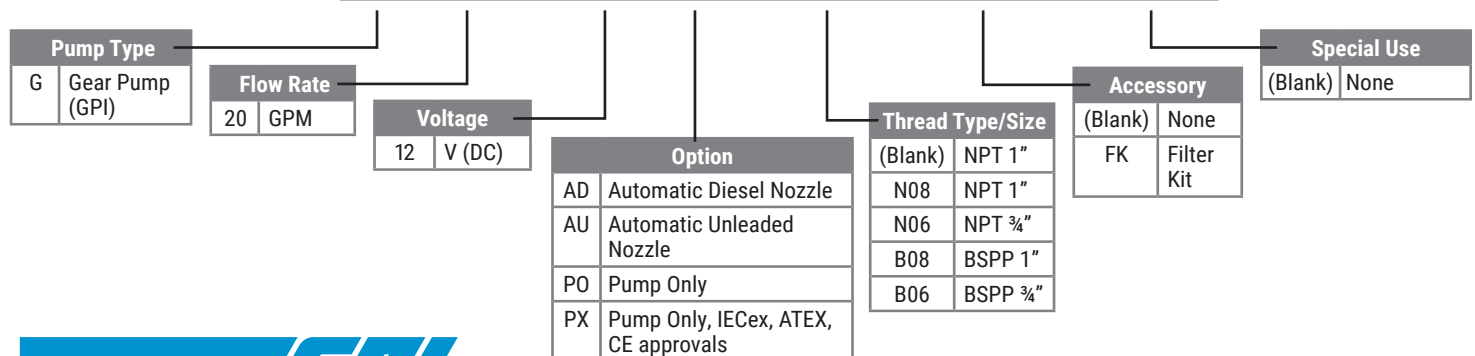


G20 SERIES MODEL NUMBERS

Example:

G20-012AD+FK

G	20	-	12	AD	-	+	FK		
Type	Flow Rate	-	Power	Suffix	-	Thread	+	Accessory	Special Use

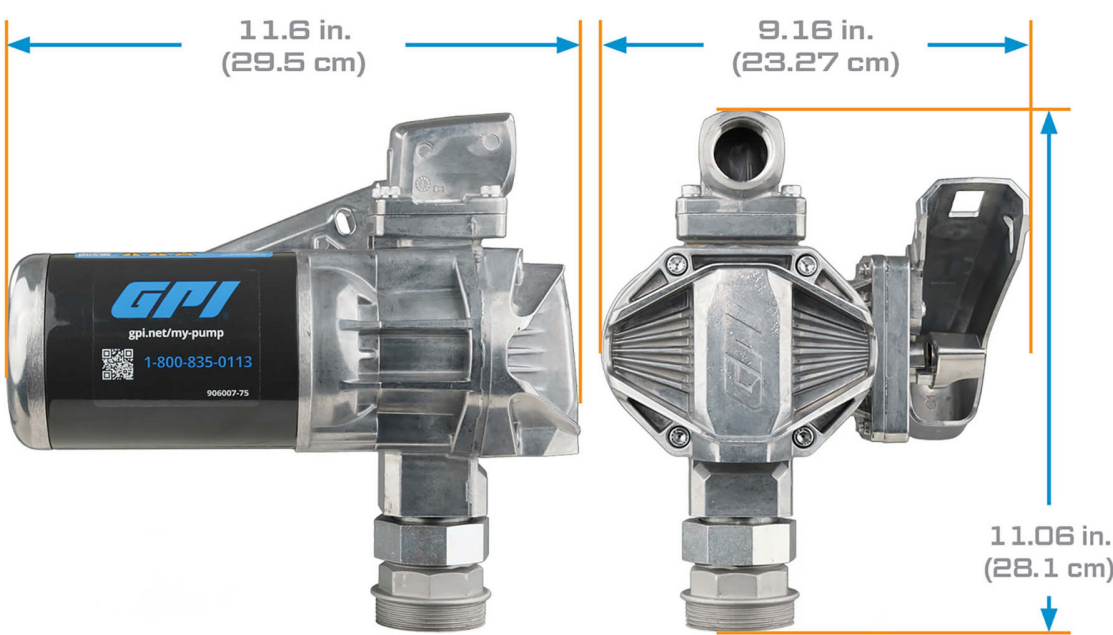


SPECS (ALL MODELS)

Motor HP:	0.40
Motor RPM:	2000
Duty Cycle:	30 min. on/30 min. off
Motor Protection:	Circuit Breaker
Voltage, Input:	12V (DC)
Amps (Rated):	34 amps

Refer to manual for wiring instructions

DIMENSIONS



	162000-03 G20-012AD	162020-03 G20-012AD+FK	162000-01 G20-012PO
Fluid Statement:	Gasoline up to E15 Diesel Fuel up to B20 Kerosene		Gasoline up to E15 Diesel Fuel up to B20 Kerosene Avgas (100LL)* Jet A* Jet A-1*
Approvals:	cULus Motor Listed for Hazardous Locations Class I, Division 2, Group D USA and Canada		cULus Motor Listed for Hazardous Locations Class I, Division 1, Group D USA and Canada

	162000-04 G20-012PX
Fluid Statement:	Gasoline up to E15 Diesel Fuel up to B20 Kerosene Avgas (100LL)* Jet A* Jet A-1*
Approvals:	cULus Motor Listed for Hazardous Locations Class I, Division 1, Group D USA and Canada IECEx, ATEX, CE

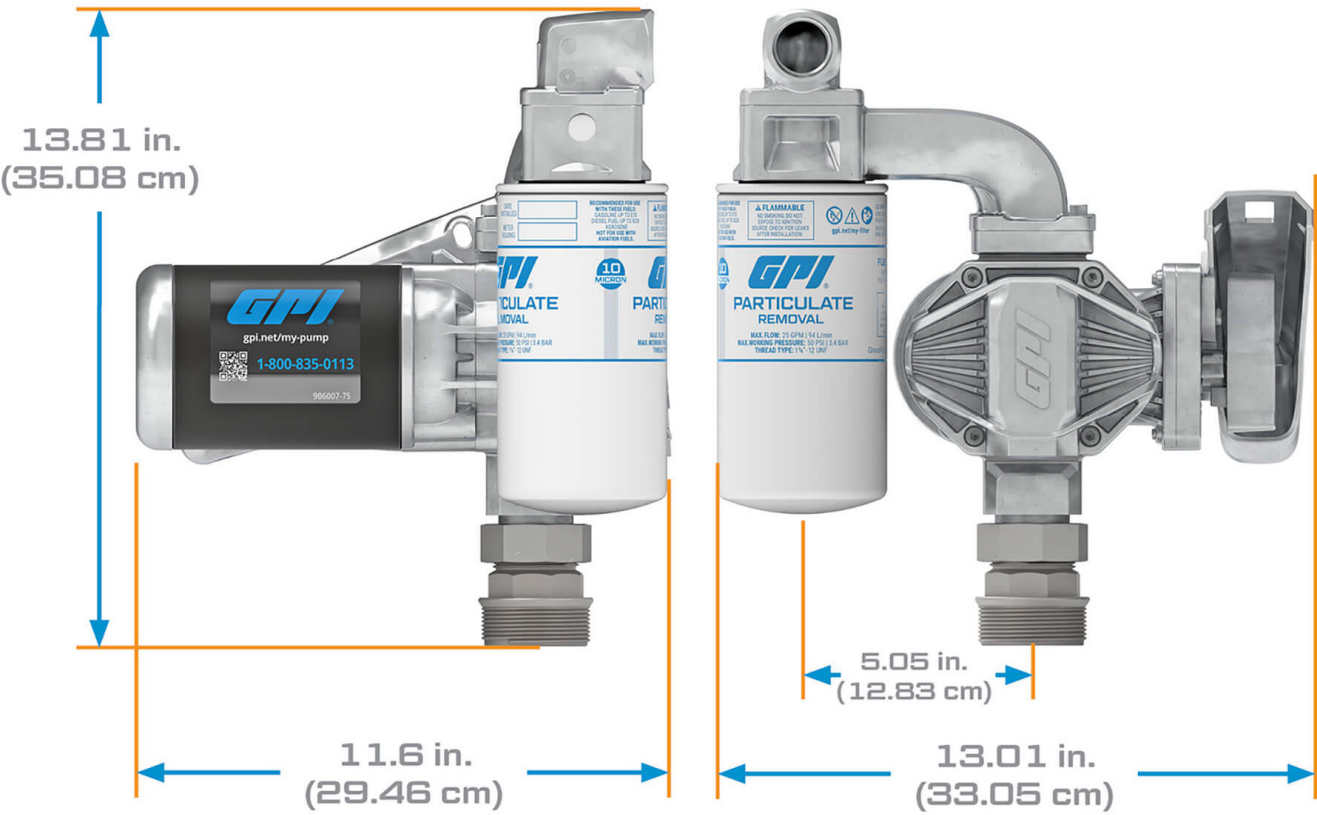
**For ground-based refueling only. Do not use or mount in or on the aircraft. For use with aviation gasoline (AVGAS 100LL) and kerosene grade (JET A). User should consult NFPA 407 Standard for Aircraft Fuel Servicing for safety requirements during ground fuel servicing of aircraft using liquid petroleum fuels. This product has no actual or implied compliance with this standard.*

Part No.	Description				What's in the Box				
162000-03	PUMP, FUEL 12V 20 GPM, AUTO, 1"				G20-12AD 12V DC 20 GPM Fuel Transfer Pump, Auto-shut off diesel nozzle, Dispensing hose, Factory-installed power cord, Telescoping suction pipe, Modular fitting w/hardware, Tank adapter, Fuse assembly, Owner's manual				
Model G20-012AD									
Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Power Cord	Nozzle Size	Nozzle Type	Nozzle Holder Type	
Polypropylene, Telescoping 15 to 40in. x 1in. MNPT	1 in. FNPT	1 in. FNPT	14 ft. (5.2m)	1 in. MNPT	18 ft. (5.5m), 12/2 AWG, Factory-Installed	1 in. FNPT Inlet	Automatic Shut-off, Diesel	Lockable	

Part No.	Description				What's in the Box				
162000-01	PUMP, FUEL 12V 20 GPM, PUMP ONLY, 1"				G20-012PO 12V DC 20 GPM Fuel Transfer Pump, Modular fitting w/hardware, Tank adapter, Fuse assembly, Owner's Manual				
Model G20-012PO									
Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Power Cord	Nozzle Size	Nozzle Type	Nozzle Holder Type	
Not Included	1 in. FNPT	1 in. FNPT	– Not Included –		Not Included	– Not Included –		Lockable	

Part No.	Description				What's in the Box				
162000-04	PUMP, FUEL 12V 20 GPM, PUMP ONLY, 1" BSPP				G20-012PX 12V DC 20 GPM Fuel Transfer Pump, Modular fitting w/hardware, Tank adapter, Fuse assembly, Owner's Manual				
Model G20-012PX									
Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Power Cord	Nozzle Size	Nozzle Type	Nozzle Holder Type	
Not Included	1 in. FNPT	1 in. BSPP	– Not Included –		Not Included	– Not Included –		Lockable	

PUMP AND FILTER KIT



Part No.		Description			What's in the Box				
162020-03		PUMP, FUEL 12V 20 GPM, AUTO, 1”, FILTER			G20-12AD 12V DC 20 GPM Fuel Transfer Pump, Auto-shut off diesel nozzle, 25GPM Particulate Filter, Modular Filter Adapter w/hardware, Dispensing hose, Factory-installed power cord, Telescoping suction pipe, Modular fitting w/hardware, Tank adapter, Fuse assembly, Owner's manual				
Model									
G20-012AD+FK									
Suction Pipe		Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Power Cord	Nozzle Size	Nozzle Type	Nozzle Holder Type
Polypropylene, Telescoping 15 to 40in. x 1in. MNPT		1 in. FNPT	1 in. FNPT	14 ft. (5.2m)	1 in. MNPT	18 ft. (5.5m), 12/2 AWG, Factory Installed	1 in. FNPT Inlet	Automatic Shut-off, Diesel	Lockable