

V35 TECHNICAL DATA SHEET



PROFESSIONAL GRADE
PERFORMANCE

The GPRO V35 Series features a high flow vane pump design suitable for stationary applications fueling large equipment.

35 | 132
GPM | L/min

120V/240V AC
Dual Voltage Configurable

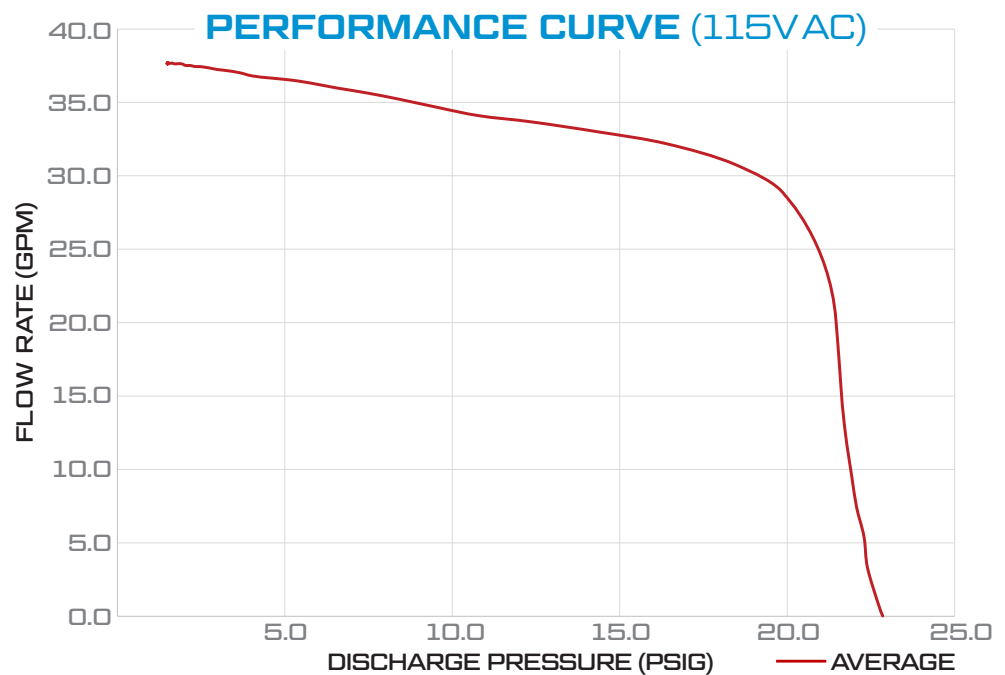


WETTED MATERIALS (ALL MODELS)

Housing & Cover Plates:	Cast Iron & Aluminum
Rotor & Motor Shaft:	Steel
Vane:	Carbon
Check Valve & Strainer Mesh:	PBT / Polyester
Poppet Valve:	Acetal
Seals:	NBR, FKM

SPECS (ALL MODELS)

Max. Flow Rate:	35 GPM 132 L/min
Max. Discharge Pressure:	Up to 24 PSI (1.65 bar)
Dry Vacuum:	12 in. Hg
At Sea Level 70° F (21.1° C)	Suction Lift: Up to 15 ft. (4.5 m)
	Discharge Lift: Up to 18 ft. (5.5 m)
Warranty:	Five-Year Pump Warranty



V35 SERIES MODEL NUMBERS

Example:

V35-115PO+QM40-G8N

V	35	-	115	PO	-		+	QM40-G8N	+	
Type	Flow Rate	-	Model	Option	-	Thread	+	Accessory	+	Special Use

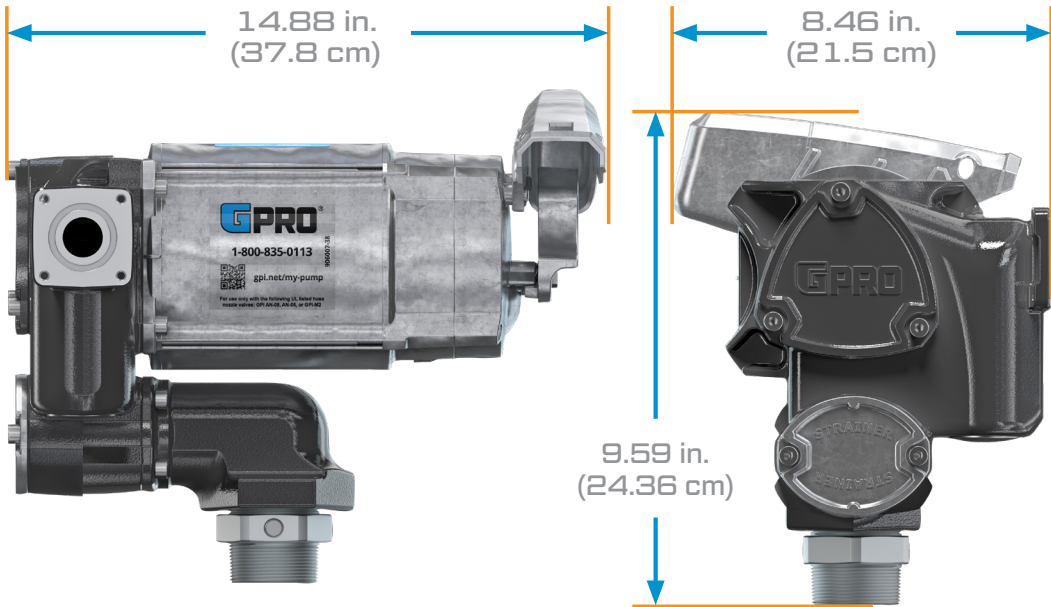
Pump Type		Flow Rate		Model		Option		Thread Type/Size		Accessory		Special Use	
V	Vane Pump	35	GPM	115		AD	Automatic Diesel Nozzle	(Blank)	NPT 1"	QM40-G8N	Meter, Gallon, 1"NPT	(Blank)	None
				230		PO	Pump Only	N08	NPT 1"			XT	Extreme Temperature
						PX	Pump Only, UL Div 1 and IECex, ATEX	B08	BSPP 1"	QM40-L8N	Meter, Litre, 1"NPT		
						RD	Remote Dispenser Pump						

SPECS (ALL MODELS)

Motor HP:	1
Motor RPM:	1700
Duty Cycle:	30 min. on/30 min. off
Motor Protection:	Thermal Breaker (Automatically Resets)
Power Cord:	Not Included

Refer to manual for wiring instructions

DIMENSIONS



	172000-01 V35-115PO-N08	172000-51 V35-115PO-N08+XT	172000-05 V35-115RD-N08	172000-03 V35-115AD
Voltage, Input:	120V (AC) 60Hz 240V (AC) 60Hz (Dual Voltage Configurable)			
Amps (Rated) 60Hz:	120V (AC) 8.1 Amps 240V (AC) 4.3 Amps			
Fluid Statement:	Gasoline up to E15, Diesel Fuel up to B20, Kerosene, (Avgas 100LL), Jet A and Jet A-1*		Gasoline up to E15, Diesel Fuel up to B20, and Kerosene	
Approvals:	cULus Motor Listed for Hazardous Locations Class I, Division 1, Group D USA and Canada			

	172000-04 V35-115PX-B08
Voltage, Input:	230V (AC) 50Hz
Amps (Rated) 50Hz:	230V (AC) 4.8 Amps 115V (AC) Not Applicable
Fluid Statement	Gasoline up to E15, Diesel Fuel up to B20, Kerosene, (Avgas 100LL), Jet A and Jet A-1*
Approvals	cULus Listed, Class I Div 1, IECEx/ATEX Zone 1

*For ground-based refueling only. Do not use in or on the aircraft. For use with aviation gasoline (Avgas 100LL), Jet A, and Jet A-1. 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. Owners and operators are responsible for compliance to all applicable regulations.

Part No.	Description	What's in the Box								
172000-01	PUMP, FUEL 120V 35 GPM, PUMP ONLY, 1" NPT	V35-115PO 120V AC 35 GPM Fuel Transfer Pump, Nozzle cover, Quick-Fit 90-Degree & Straight Outlets w/ hardware, Tank adapter, Thread tape, Owner's manual								
Model										
V35-115PO-N08										
Operating Temperature	Mounting Type	Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Hose Approvals	Nozzle Size	Nozzle Type	Nozzle Holder Type
-20° F to 125° F (-29° C to 52° C)	Direct Mount, 2 in. MNPT	Not Included	1.25 in. FNPT	1 in. FNPT	– Not Included –			– Not Included –		Lockable With Drip Catch

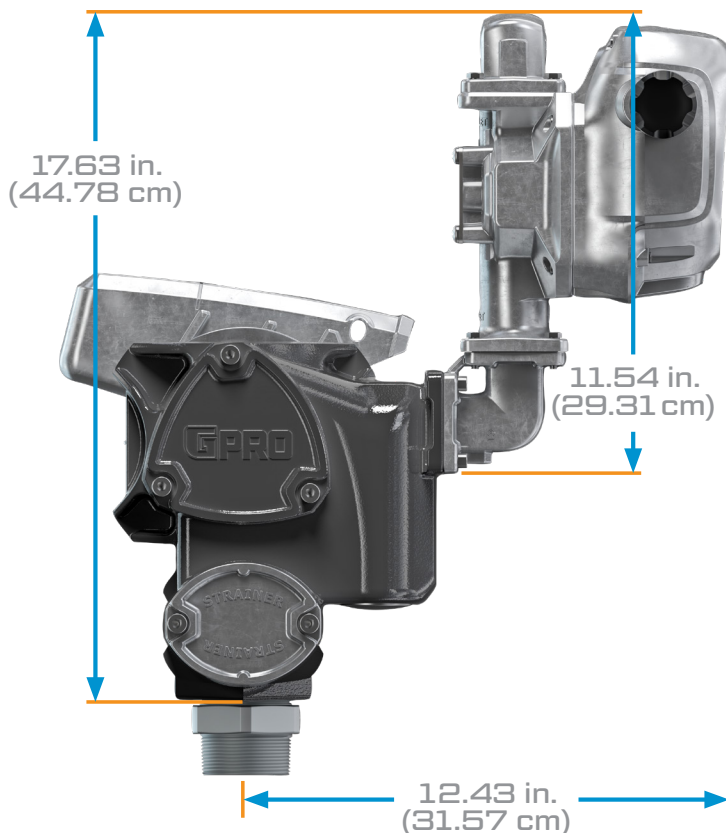
Part No.	Description	What's in the Box								
172000-03	PUMP, FUEL 120V 35 GPM, AUTO, 1" NPT	V35-115AD 120V AC 35 GPM Fuel Transfer Pump, Nozzle cover, Auto shut-off diesel nozzle, Dispensing hose, Quick-Fit 90-Degree & Straight Outlets w/ hardware, Tank adapter, Thread tape, Owner's manual								
Model										
V35-115AD										
Operating Temperature	Mounting Type	Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Hose Approvals	Nozzle Size	Nozzle Type	Nozzle Holder Type
-20° F to 125° F (-29° C to 52° C)	Direct Mount, 2 in. MNPT	Not Included	1.25 in. FNPT	1 in. FNPT	18 ft. (5.5m)	1 in. MNPT	UL Listed	1 in. FNPT Inlet	Automatic Shut-off, Diesel	Lockable With Drip Catch

Part No.	Description	What's in the Box								
172000-51	PUMP, FUEL 120V 35 GPM, PUMP ONLY, 1" NPT, XT	V35-115PO+XT 120V AC 35 GPM Fuel Transfer Pump, Nozzle cover, Quick-Fit 90-Degree & Straight Outlets w/ hardware, Tank adapter, Thread tape, Owner's manual								
Model										
V35-115PO-N08+XT										
Operating Temperature	Mounting Type	Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Hose Approvals	Nozzle Size	Nozzle Type	Nozzle Holder Type
-40° F to 125° F (-40° C to 52° C)	Direct Mount, 2 in. MNPT	Not Included	1.25 in. FNPT	1 in. FNPT	– Not Included –			– Not Included –		Lockable With Drip Catch

Part No.	Description	What's in the Box								
172000-05	PUMP, FUEL 120V 35 GPM, REMOTE DISPENSER	V35-115RD 120V AC 35 GPM Fuel Transfer Pump, Lever lock bracket, Quick-Fit 90-Degree & Straight Outlets w/ hardware, Tank adapter, Thread tape, Owner's manual								
Model										
V35-115RD-N08										
Operating Temperature	Mounting Type	Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Hose Approvals	Nozzle Size	Nozzle Type	Nozzle Holder Type
-20° F to 125° F (-29° C to 52° C)	Direct Mount, 2 in. MNPT	Not Included	1.25 in. FNPT	1 in. FNPT	– Not Included –			– Not Included –		Lockable With Drip Catch

Part No.	Description	What's in the Box								
172000-04	PUMP, FUEL 230V 35 GPM, PUMP ONLY, 1" BSPP	V35-230PX 230V (AC) 50 Hz 132 L/min Fuel Transfer Pump, Nozzle cover, Quick-Fit 90-Degree & Straight BSPP Outlets w/ hardware, BSPT Tank adapter, thread tape, owner's manual								
Model										
V35-230PX-B08										
Operating Temperature	Mounting Type	Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Hose Approvals	Nozzle Size	Nozzle Type	Nozzle Holder Type
-29° C to 52° C (-20° F to 125° F)	Direct Mount, 2 in. BSPT	Not Included	1.25 in. BSPP	1 in. BSPP	– Not Included –			– Not Included –		Lockable With Drip Catch

PUMP AND METER COMBOS



Part No.		Description								
172050-01		COMBO GALLONS								
Model		PUMP, FUEL, 120V, 35 GPM, PUMP ONLY, METER, FUEL, 1" NPT								
V35-115PO+QM40-G8N										
Operating Temperature	Mounting Type	Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Hose Approvals	Nozzle Size	Nozzle Type	Nozzle Holder Type
-20° F to 125° F (-29° C to 52° C)	Direct Mount, 2 in. MNPT	Not Included	1.25 in. FNPT	1 in. FNPT		– Not Included –		– Not Included –		Lockable With Drip Catch

What's in the Box	
V35-115PO 120V AC 35 GPM Fuel Transfer Pump, Nozzle cover, Quick-Fit 90-Degree & Straight Outlets w/ hardware, Tank adapter, Thread tape Owner's manual QM40-G8N Fuel meter with gallon register, Hardware, Owner's manual	

Part No.		Description								
172050-02		COMBO LITRES								
Model		PUMP, FUEL, 120V, 35 GPM, PUMP ONLY, METER, FUEL, 1" NPT								
V35-115PO+QM40-L8N										
Operating Temperature	Mounting Type	Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Hose Approvals	Nozzle Size	Nozzle Type	Nozzle Holder Type
-20° F to 125° F (-29° C to 52° C)	Direct Mount, 2 in. MNPT	Not Included	1.25 in. FNPT	1 in. FNPT		– Not Included –		– Not Included –		Lockable With Drip Catch

What's in the Box	
V35-115PO 120V AC 35 GPM Fuel Transfer Pump, Nozzle cover, Quick-Fit 90-Degree & Straight Outlets w/ hardware, Tank adapter, Thread tape Owner's manual QM40-L8N Fuel meter with Litre register, Hardware, Owner's manual	

PUMP AND METER COMBOS (CONT.)

Part No.		Description						What's in the Box							
172050-06								COMBO GALLONS PUMP, FUEL, 120V, 35 GPM, AUTO, METER, FUEL, 1" NPT							
Model															
V35-115AD+QM40-G8N										V35-115AD 120V AC 35 GPM Fuel Transfer Pump, Nozzle cover, Auto shut-off diesel nozzle, Dispensing hose,Quick-Fit 90-Degree & Straight Outlets w/ hardware, Tank adapter, Thread tape, Owner's manual QM40-G8N Fuel meter with gallon register, Hardware, Owner's manual					
Operating Temperature	Mounting Type	Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Hose Approvals	Nozzle Size	Nozzle Type	Nozzle Holder Type					
-20° F to 125° F (-29° C to 52° C)	Direct Mount, 2 in. MNPT	Not Included	1.25 in. FNPT	1 in. FNPT	18 ft. (5.5m)	1 in. MNPT	UL Listed	1 in. FNPT Inlet	Automatic Shut-off, Diesel	Lockable With Drip Catch					

Part No.		Description						What's in the Box							
172050-07								V35-115AD 120V AC 35 GPM Fuel Transfer Pump, Nozzle cover, Auto shut-off diesel nozzle, Dispensing hose,Quick-Fit 90-Degree & Straight Outlets w/ hardware, Tank adapter, Thread tape, Owner's manual QM40-L8N Fuel meter with Litre register, Hardware, Owner's manual							
Model															
V35-115AD+QM40-L8N															
Operating Temperature	Mounting Type	Suction Pipe	Inlet	Modular Outlet	Hose Length	Hose Fitting Diameter	Hose Approvals	Nozzle Size	Nozzle Type	Nozzle Holder Type					
-20° F to 125° F (-29° C to 52° C)	Direct Mount, 2 in. MNPT	Not Included	1.25 in. FNPT	1 in. FNPT	18 ft. (5.5m)	1 in. MNPT	UL Listed	1 in. FNPT Inlet	Automatic Shut-off, Diesel	Lockable With Drip Catch					



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