

DEF/UTILITY PUMPS

TECHNICAL DATA SHEET



LEGACY OF RETAIL
FUEL TRANSFER SOLUTIONS

The GPI DEF / Utility Pumps are available in two power supply options: 115V (AC) for stationary applications and 12V (DC) for mobile applications.

D08TS-115PO

115V AC

Voltage (Power Source)



WETTED MATERIALS (ALL MODELS)

Pump Housing:	Nylon
Diaphragm:	TPU
Seals:	EPDM
Motor Shaft & Fasteners:	Stainless Steel

SPECS (ALL MODELS)

Max. Flow Rate:		8 GPM 30 L/min
Max. Discharge Pressure:		Up to 23 PSI (1.6 bar)
At Sea Level 70° F (21.1° C)	Suction Lift:	Up to 9 ft. (2.75 m)
	Discharge Lift:	Up to 15 ft. (4.5 m)
Warranty:		Two-Year Pump and Meter

D08TS-012PO

12V DC

Voltage (Power Source)



FLUIDS

For use with Diesel Exhaust Fluid (DEF), Antifreeze, Windshield Wash Fluid, Ammonium Sulfate, Non-Potable Water, and other water-based chemicals. See wetted materials list.
Not compatible with petroleum-based liquids. DO NOT USE WITH FLAMMABLE LIQUIDS.

DEF SYSTEM MODEL NUMBERS

Example:
D08TS-115PO

Example:

D08TS-115PO

D	08	TS	-	115	PO
Type	Flow Rate	Wetted Materials	-	Power	Suffix

Pump Type

D	Diaphragm
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Flow Rate

08	GPM
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Wetted Materials

T	TPU
S	Stainless Steel

Voltage

012	V (DC)
115	V (AC)

Option

DA	DEF Automatic Nozzle
PO	Pump Only

GREAT PLAINS INDUSTRIES



SPECS (ALL MODELS)

Type:	Oscillating Diaphragm
Motor RPMs:	1750
Duty Cycle:	20 min.

Operating Temperature:	23° F to 104° F (-5° C to 40° C)
Inlet:	¾ in. Hose Barb
Outlet:	¾ in. Hose Barb



DIMENSIONS

D08TS-115PO

Part No.:	180000-01
Motor HP:	0.50
Voltage, Input:	115V (AC) 50/60 Hz
Amps (Rated):	1.3
Motor Protection:	Resetting Thermal Protector
Power Cord:	4.5 ft. (1.4 m), 18AWGx3C, Factory-Installed
What's in the Box:	115-Volt DEF Transfer Pump, Hose barb inlet and outlet fittings, Hose clamps

Refer to product owner's manual for installation and safety instructions.



DIMENSIONS

D08TS-012PO

Part No.:	180002-01
Motor HP:	0.24
Voltage, Input:	12V (DC)
Amps (Rated):	14.8
Motor Protection:	15 Minute Timer Circuit
Power Cord:	4.5 ft. (1.4 m), 14AWGx2C, Factory-Installed
What's in the Box:	12-Volt DEF Transfer Pump, Hose barb inlet and outlet fittings, Hose clamps

Refer to product owner's manual for installation and safety instructions.