

DEF Systems

TECHNICAL DATA SHEET



LEGACY OF RETAIL
FUEL TRANSFER SOLUTIONS

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

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

FLUIDS

Diesel Exhaust Fluid (DEF)

D08TS-115DA+T32+CK

115VAC

Voltage (Power Source)



D08TS-012DA+T32+CK

12V DC

Voltage (Power Source)

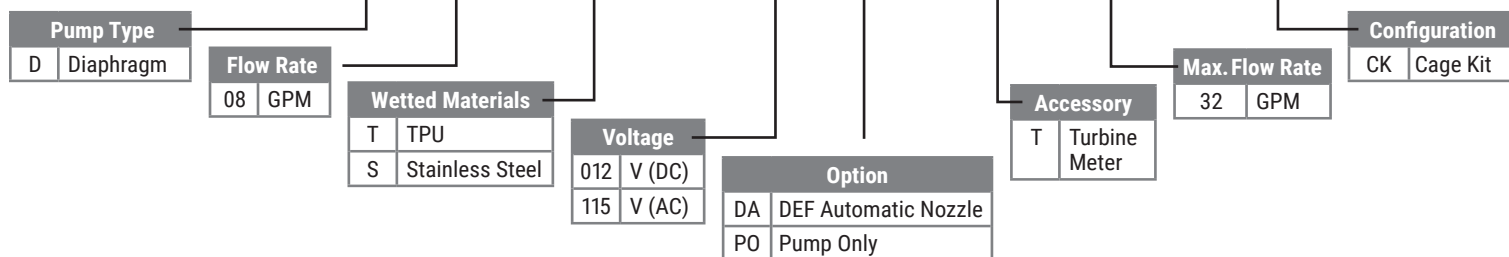


DEF SYSTEM MODEL NUMBERS

Example:

D08TS-115DA+T32+CK

D	08	TS	-	115	DA	-	+	T	32	+	CK
Type	Flow Rate	Wetted Materials	-	Power	Suffix	-	+	Meter	Max. Flow Rate	+	Configuration



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
Mounting Type:	Cage Kit

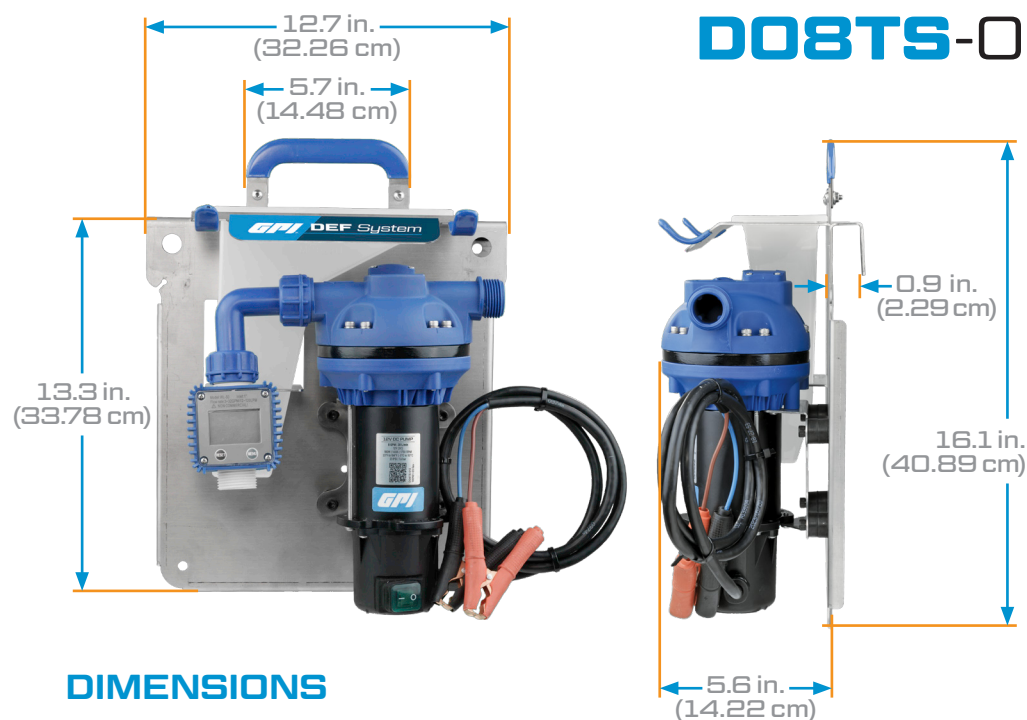
Dispensing Hose:	20 ft. (6 m) x ¾ in.
Inlet Hose:	6.5 ft. (2 m) x ¾ in.
Nozzle:	¾ in. NPT Inlet, Automatic Shut-Off, DEF



DO8TS-115DA+T32+CK

Part No.:	180010-03
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, DEF flow meter, Stainless steel IBC cage mounting bracket, Stainless steel au- tomatic nozzle, Inlet hose, Dispensing hose, Stainless steel nozzle hose barb swivel, Hose barb inlet and outlet fittings, Hose clamps

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



DO8TS-012DA+T32+CK

Part No.:	180012-03
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, DEF flow meter, Stainless steel IBC cage mounting bracket, Stainless steel au- tomatic nozzle, Inlet hose, Dispensing hose, Stainless steel nozzle hose barb swivel, Hose barb inlet and outlet fittings, Hose clamps

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

DIMENSIONS