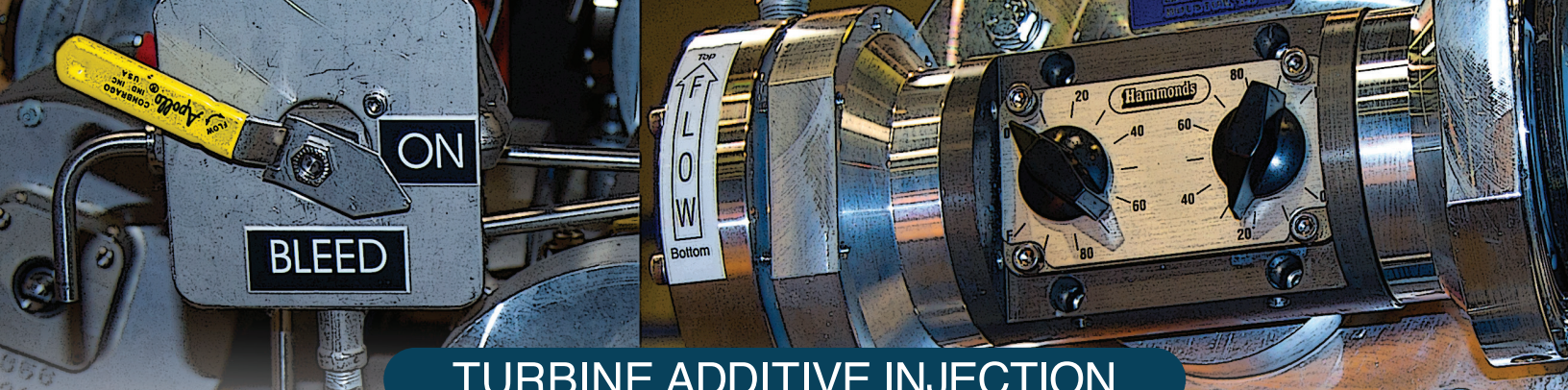




TURBINE ADDITIVE INJECTION

Fluidpower

MODEL 200 - 750 gpm

4T

Terminal and Hydrant Injector

The 4T Series system offers single or multiple additive injection at flow rates typically found in fuel delivery terminals and transport trailer fill stands. The unique **turbine-powered fluid motor** responds precisely to changes in product volume even at lower product flow rates. Like all Hammonds injection systems, the 4T dispenses **precise quantities of additive at a continuous rate**, eliminating the “slugging” effect typically found in meter-pulsed injectors. The additive is injected just ahead of the driver, providing complete, consistent additive blending. The Model 4T is a **completely self-contained unit** that offers totally unassisted injection.

SPECIFICATIONS

- Flooded suction required
- Number of additives: up to 4
- 4" 150# RF ANSI connections standard (other connections available, consult factory for details)
- Injection ratios: 0-4,000 PPM depending upon application
- 200-750 GPM continuous operation
- 175-750 GPM intermittent operation
- Product temperature range: -40°F - +120°F (-40°C - +50°C)
- Maximum product line pressure: 150 PSI
- Product viscosities: To 10,000 SSU, Higher pressures available with HP Housing and seals (depending on injection rate)
- Fuels, oils, additives and liquid gases
- Duty cycle: intermittent
- “Smart” monitoring package available

Fluidpower

MODEL 200 - 750 gpm

4L

Terminal and Hydrant Injector

The 4L Series system offers single or multiple additive injection at flow rates **typically found in fuel delivery terminals** and transport trailer fill stands. The unique turbine-powered fluid motor responds precisely to changes in product volume even at lower product flow rates.

SPECIFICATIONS

- Flooded suction required
- Number of Additives: 1 Standard; up to 4 optional
- 4" 150# RF Flanges standard (other connections available, consult factory for details)
- Injection Ratios: 0-4000 ppm depending upon application
- 200 - 750 GPM continuous operation
- 100 - 400 GPM with proper diverter intermittent operation
- Product Temperature Range: -40°F to +120°F (-40°C to +50°C)
- Maximum product line pressure: 150 psi. Higher pressures available with upgraded HP Housing and Seals
- Product Viscosities: up to 10,000 ssu, (depending on injection rate)
- Fuels, Oils, Additives and Liquid Gases
- Duty Cycle: Intermittent

Fluidpower

MODEL 400 - 1200 gpm

6T

Terminal and Hydrant Injector

The 6T Series system offers **single or multiple additive injection** at flow rates typically found in fuel delivery terminals and transport trailer fill stands. The unique turbine-powered fluid motor responds precisely to changes in product volume even at lower product flow rates. Like all Hammonds injection systems, the 6T dispenses **precise quantities of additive at a continuous rate**.

- Product meters or pulsers not required
- Even and accurate blending
- Number of Additives: 1 Standard; up to 4 optional
- 6" 150# connection standard (other connections available, consult factory for details)

SPECIFICATIONS

- Flooded suction required
- Number of Additives: 1 Standard; up to 4 optional
- 6" 150# connection standard (other connections available, consult factory for details)
- Injection Ratios: 0-4000 ppm depending upon application
- 400 - 1200 GPM continuous operation
- Product Temperature Range: -40°F to +120°F (-40°C to +50°C)
- Maximum product line pressure: 150 psi. Higher pressures available with upgraded HP Housing and Seals
- Product Viscosities: up to 10,000 ssu, (depending on injection rate)
- Fuels, Oils, Additives and Liquid Gases
- Duty Cycle: Intermittent

Fluidpower

MODEL 500 - 2000 gpm

8T

Terminal and Hydrant Injector

The 8T Series system offers **single or multiple additive injection** at flow rates typically found in fuel delivery terminals, rail car loading/off loading and transport trailer fill stands. The unique turbine-powered fluid motor responds precisely to changes in product volume even at lower product flow rates. Like all Hammonds injection systems, the 8T dispenses precise quantities of additive at a continuous rate, **eliminating the “slugging” effect found in meter-pulsed injectors**.

SPECIFICATIONS

- Flooded suction required
- Number of Additives: 1 Standard; up to 4 optional
- 8" 150# connection standard (other connections available, consult factory for details)
- Injection Ratios: 0-4000 ppm depending upon application
- 500 - 2000 GPM continuous operation
- Product Temperature Range: -40°F to +120°F (-40°C to +50°C)
- Maximum product line pressure: 150 psi. Higher pressures available with upgraded HP Housing and Seals
- Product Viscosities: up to 10,000 ssu, (depending on injection rate)
- Fuels, Oils, Additives and Liquid Gases
- Duty Cycle: Intermittent

Fluidpower

MODEL 700 - 3000 gpm

10T

Terminal and Hydrant Injector

The 10T Series system offers **single or multiple additive injection** at flow rates typically found in fuel delivery terminals, rail car loading/off loading and transport trailer fill stands. The unique turbine-powered fluid motor responds precisely to changes in product volume even at lower product flow rates. Like all Hammonds injection systems, the 10T **dispenses precise quantities** of additive at a continuous rate, eliminating the “slugging” effect found in meter-pulsed injectors.

SPECIFICATIONS

- Flooded suction required
- Number of Additives: 1 Standard; up to 4 optional
- 12" 150# connection standard (other connections available, consult factory for details)
- Injection Ratios: 0-4000 ppm depending upon application
- 700 - 3000 GPM continuous operation
- Product Temperature Range: -40°F to +120°F (-40°C to +50°C)
- Maximum product line pressure: 150 psi. Higher pressures available with upgraded HP Housing and Seals
- Product Viscosities: up to 10,000 ssu, (Depending on injection rate)
- Fuels, Oils, Additives and Liquid Gases
- Duty Cycle: Intermittent

Fluidpower

MODEL 1,500 - 8000 gpm

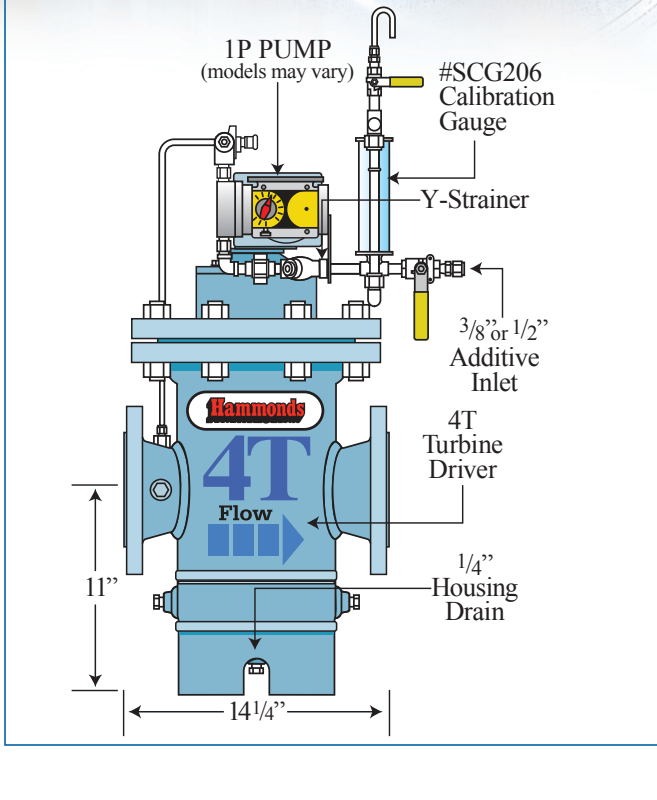
12T

Terminal and Hydrant Injector

The 12T Series system offers **single or multiple additive injection** at flow rates typically found in fuel delivery terminals, rail car loading/off loading and transport trailer fill stands. The unique turbine-powered fluid motor responds precisely to changes in product volume even at lower product flow rates. Like all Hammonds injection systems, the 12T dispenses **precise quantities of additive** at a continuous rate, eliminating the “slugging” effect typically found in meter-pulsed injectors.

SPECIFICATIONS

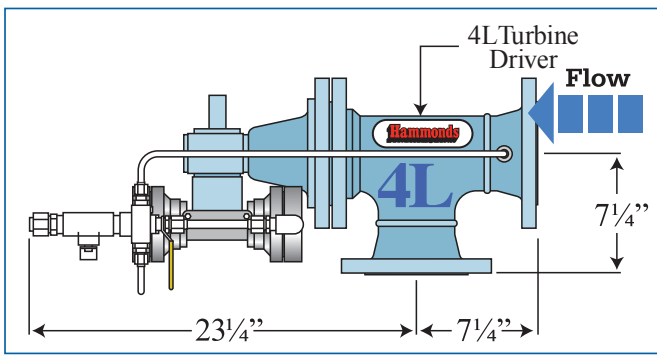
- Flooded suction required
- Number of Additives: 1 Standard; up to 4 optional
- 12" 150# connection standard (other connections available, consult factory for details)
- Injection Ratios: 0-4000 ppm depending upon application
- 1500 - 8000 GPM continuous operation
- Product Temperature Range: -40°F to +120°F (-40°C to +50°C)
- Maximum product line pressure: 150 psi. Higher pressures available with upgraded HP Housing and Seals
- Product Viscosities: up to 10,000 ssu, (depending on injection rate)
- Fuels, Oils, Additives and Liquid Gases
- Duty Cycle: Intermittent



CONSTRUCTION MATERIALS

- Carbon steel fabrication or optional stainless steel
- Metering pump: All wetted parts 300 series stainless steel
- Elastomers: Aflas®, Viton® and Teflon®
- Mechanical Seal: Carbon on ceramic, optional tungsten on carbon

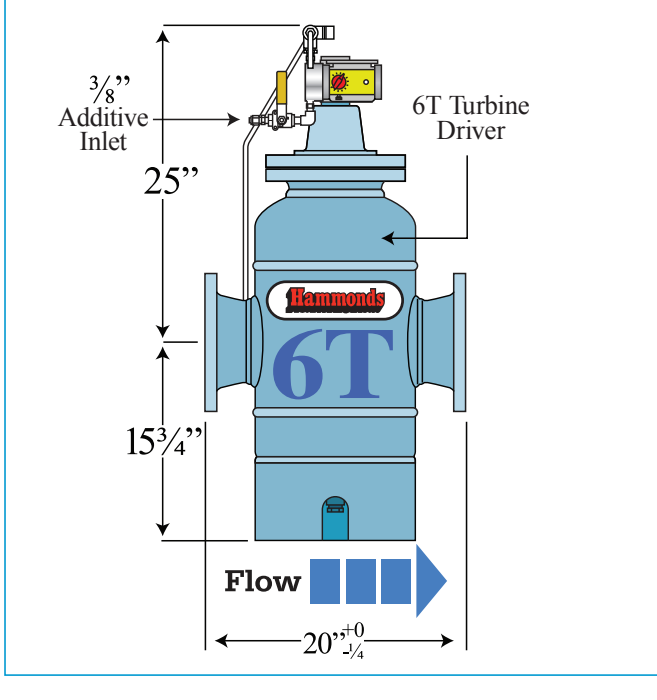
- Unique fluid-powered Turbine injection
- Product meters or pulsers not required
- Even and accurate blending
- Delivers up to 4 additives
- 200-750 GPM



- Unique Fluid-powered Turbine injection
- Product meters or pulsers not required
- Even and accurate blending
- Carbon Steel fabrication with Stainless Steel optional
- 200-750 GPM

CONSTRUCTION MATERIALS

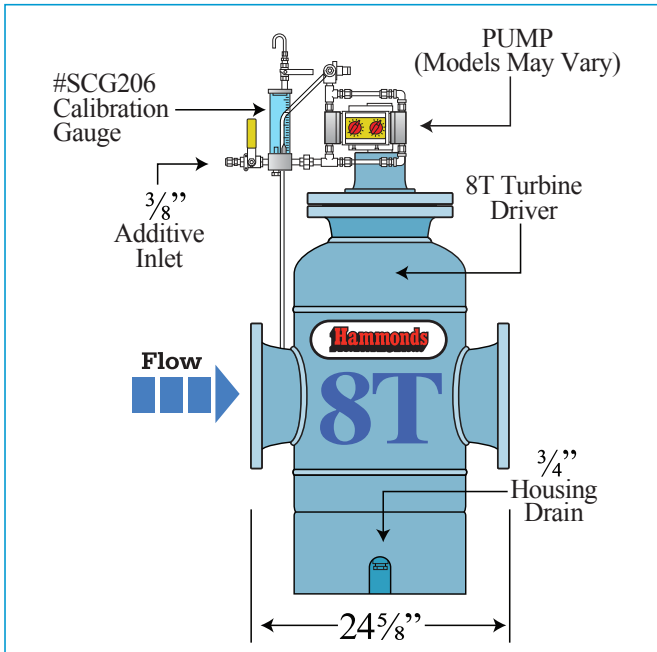
- Carbon Steel fabrication or optional: Stainless Steel
- Metering Pump: All wetted parts 300 series stainless steel
- Elastomers: Aflas®, Viton®, and Teflon®; other elastomers available upon request
- Mechanical Seal: Carbon on Ceramic, optional Tungsten on Carbon
- Upgrade to Hammonds "Smart" System



- Injection Ratios: 0-4000 ppm depending upon application
- Product Viscosities: up to 10,000 ssu
- Fuels, Oils, Additives and Liquid Gases
- 400-1,200 GPM

CONSTRUCTION MATERIALS

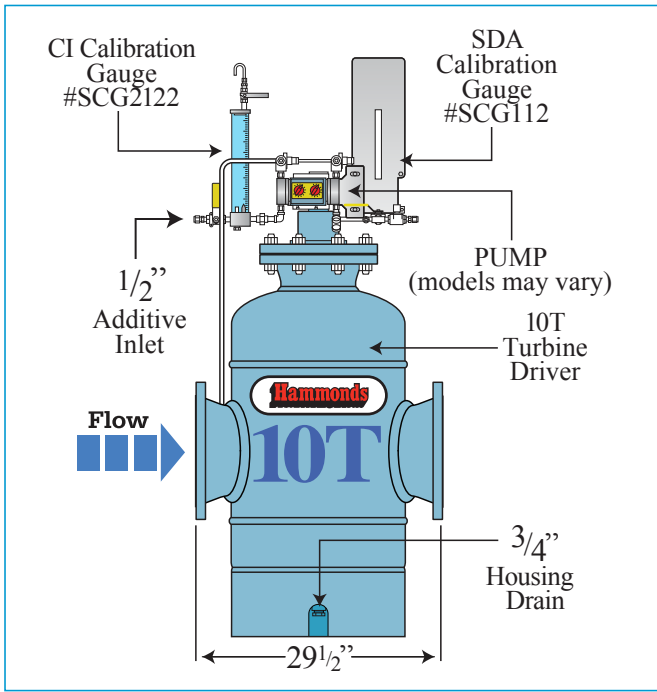
- Carbon Steel fabrication or optional: Stainless Steel
- Metering Pump: All wetted parts 300 series stainless steel
- Elastomers: Aflas®, Viton®, and Teflon®; other elastomers available upon request
- Mechanical Seal: Carbon on Ceramic, optional Tungsten on Carbon
- Upgrade to Hammonds "Smart" System



CONSTRUCTION MATERIALS

- Carbon Steel fabrication or optional: Stainless Steel
- Metering Pump: All wetted parts 300 series stainless steel
- Elastomers: Aflas®, Viton®, and Teflon®; other elastomers available upon request
- Mechanical Seal: Carbon on Ceramic, optional Tungsten on Carbon
- Upgrade to Hammonds "Smart" System

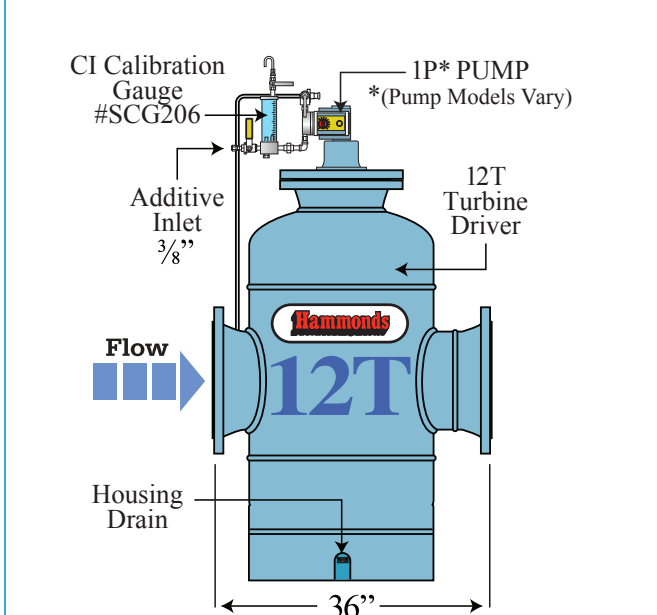
- Unique Fluid-powered Turbine injection
- Product meters or pulsers not required
- Even and accurate blending
- 8" Hammonds turbine drive
- All carbon steel housing
- Heavy duty gear reducer



CONSTRUCTION MATERIALS

- Carbon Steel fabrication or optional: Stainless Steel
- Metering Pump: All wetted parts 300 series stainless steel
- Elastomers: Aflas®, Viton®, and Teflon®; other elastomers available upon request
- Mechanical Seal: Carbon on Ceramic, optional Tungsten on Carbon
- Upgrade to Hammonds "Smart" System

- Unique Fluid-powered Turbine injection
- Product meters or pulsers not required
- Even and accurate blending
- 10" Hammonds turbine drive
- All carbon steel housing
- Heavy duty gear reducer



CONSTRUCTION MATERIALS

- Carbon Steel fabrication or optional: stainless steel
- Metering Pump: All wetted parts 300 series stainless steel
- Elastomers: Aflas®, Viton®, and Teflon®; other elastomers available upon request
- Mechanical Seal: Carbon on Ceramic, optional Tungsten on Carbon
- Upgrade to Hammonds "Smart" System

- Unique Fluid-powered Turbine injection
- Product meters or pulsers not required
- Even and accurate blending
- 12" Hammonds "L" turbine drive
- All carbon steel housing
- Heavy duty gear reducer