

HORIZON[®]

WATER CARE PRODUCTS

We make hard water disinfection easy.



PTF-60 Feed System

- Horizon PTF-60 Tablet Feeder
- Horizon 90 PT Tablets

For Treatment of Potable Water, Waste Water and Industrial Water Applications

- Municipal Drinking Water Chlorination
- Surface Water Chlorination
- Booster Stations
- Well Stations
- Remote Chlorination Sites
- Waste Water Chlorination

The **Horizon PTF Tablet Chlorine system** consists of a simple, rugged **PTF-60 Tablet Feeder** and **90PT** chlorine tablets for reliable chlorination in Potable, Wastewater and Industrial water applications.

Tablet chlorination systems are a safer, more effective and reliable alternative to gas and liquid chlorine systems. The **PTF-60** feeder is used in conjunction with EPA Registered and NSF/ANSI certified **Horizon® 90PT** tablets to establish and maintain free available chlorine residuals. The 100% soluble tablets with 90% free available chlorine content ensures a low maintenance operation.

Features
• Chemical Resistant PVC and Polyethylene construction
• Overflow Protection
• Uses 90% free available chlorine tablets
• Tablets are 100% soluble
• Large 60 lb Tablet Hopper Capacity
• Reliable venturi chlorine solution feed method
• Compact size for small space requirement

Benefits
• Solid Chlorine Tablets equals no spills and messes
• Consistent Chlorine Concentrations
• Reliable chlorine delivery
• No loss of prime on chemical feed pump
• No Chemical residue in the feeder
• Minimizes maintenance and down time
• No Loss of available chlorine in storage



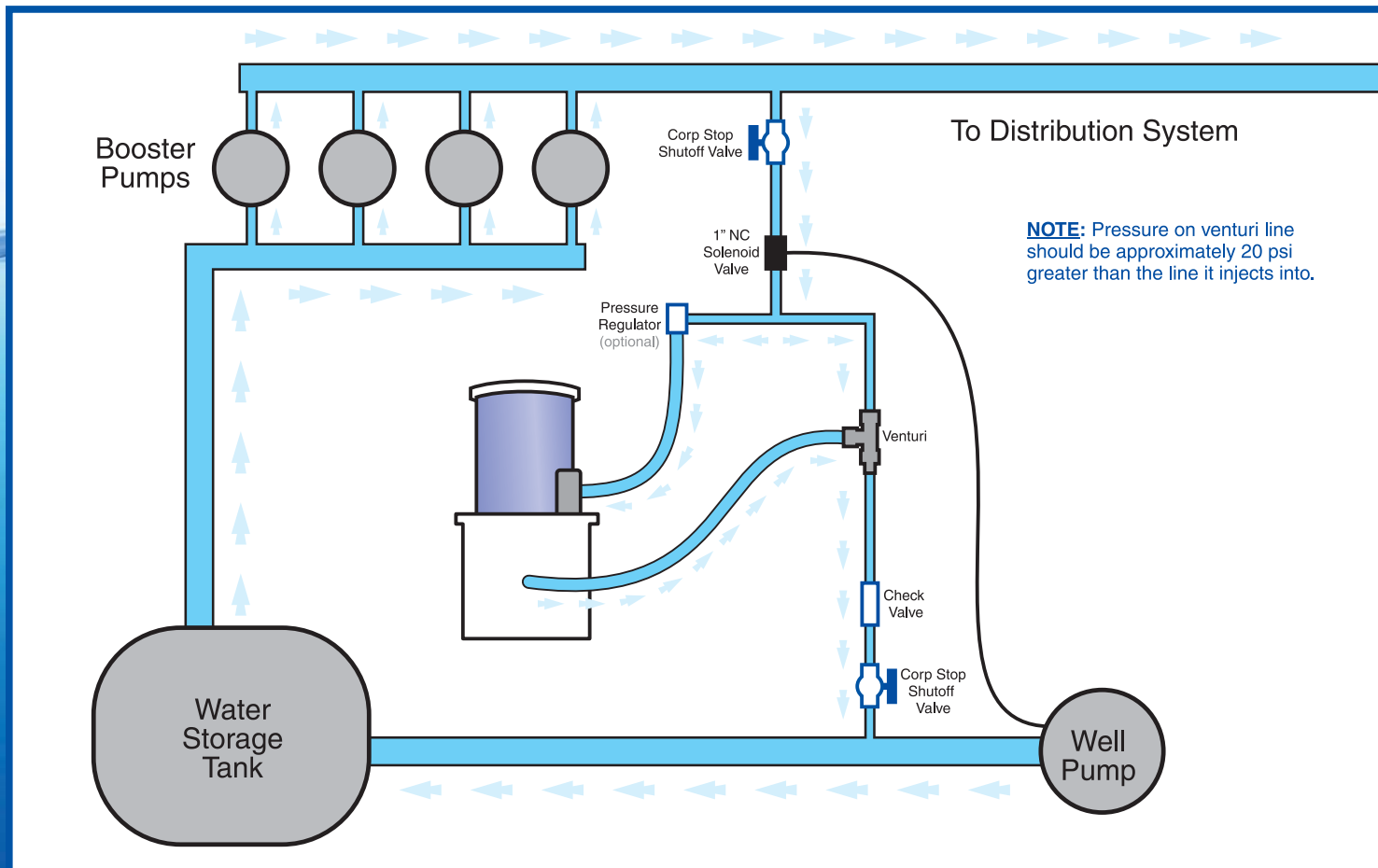
Compare to Bleach and Gas Systems

	Horizon PTF-60	Sodium Hypochlorite	Gas
Chlorine Strength	90% Available Chlorine No change over one year	Rapid loss, starting immediately	100% Available Chlorine No change in strength
Replacement Chemical	Pour solid tablets from 55 lb. pail into feeder	Heavy drums to move and store	Trained Personnel required
Chemical Handling	Easy to handle pail with no spills	Liquid spill and leak problems	Safety concerns due to gas leaks
Chemical Feed Control	Consistent, reliable chlorine solution concentration	Frequent Adjustments due to changing concentration and metering pumps	Maintenance and repair of regulators

Horizontal spray onto **Horizon® 90PT** tablets produces a consistent chlorine residual for delivery to the system. Tablets are only sprayed when chlorine feed is desired minimizing the loss of available chlorine. As the tablets are sprayed, the resulting chlorine solution is collected in the lower basin and is delivered to the system with an eductor.

Operating Specifications		Physical Dimensions	
Inlet Flow:	0.0-1.0 or 0.1-3.5 gpm dependant upon supplied rotameter	Feeder Height:	31"
Outlet Flow:	= Inlet Flow	Feeder Width:	20"
Inlet Pressure:	10-75 psi	Feeder Depth:	14.5"
Operating Temperature:	30-104°F	Feeder Weight (full):	110 lbs.
Tablet Capacity:	60 lbs.	Feeder Weight (empty):	50 lbs.
		Tubing:	3/8" o.d.

Typical Installation



Horizon 90PT Tablets

Horizon 90PT tablets are designed for use with the Horizon PTF-60 Tablet Feeder. The tablets and feeder provide a system for convenient chlorine solution delivery to municipal drinking water system and a variety of other applications where reliable and consistent chlorination is desired.

Qty.	Compound		Horizon 90PT
1 lb.	Gas Chlorine (100% Available Cl ₂)	equals	1.1 lbs.
1 lb.	Calcium Hypochlorite (65% Available Cl ₂)	equals	0.7 lbs.
1 lb.	Sodium Hypochlorite (12% Available Cl ₂)	equals	0.1 lbs.
1 gal.	Sodium Hypochlorite (12% Available Cl ₂)	equals	1.34 lbs.
1 lb.	Sodium Hypochlorite (5% Available Cl ₂)	equals	0.06 lbs.

Benefits

- Solid Tablet Product
- Convenient 55lb plastic Pail
- Reduced Equipment Maintenance
- Safer than bleach or gas chlorine

Properties

- 100% Soluble
- 90% Available Chlorine
- Approximate Tablet Weight is 20g
- Approximate Tablet Diameter is 1"
- NSF Standard 60 Certified
- U.S EPA No. 69681-22



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