



# CFPS-3

## CHEM-FEED® Plastic Triplex Skid System

#### **Features**

- > Chemically resistant polyethylene structure
- > Leak free, threadless connections
- > Pressure Relief Valve protects the system from over-pressurization
- > Check Valve protects the user from back-flow
- > Flow Indicator provides a visual indication of chemical movement

Video link:



### **Highlights**

	na

**PVC Schedule 80** (optional CPVC, PVDF, and Chem Proline® PE)

#### Frame material

Polyethylene

**Pressure** 

150 PSI (10.3 bar)

#### **Mounting position**

Floor or wall

Compatibility

A1, A2, A3, A4, CD1, C2, C3, CD3

#### Warranty

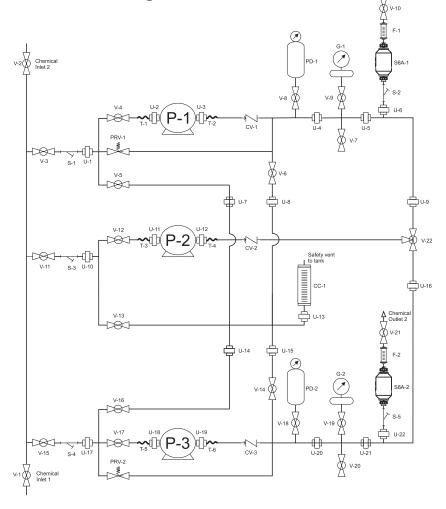
2 Years



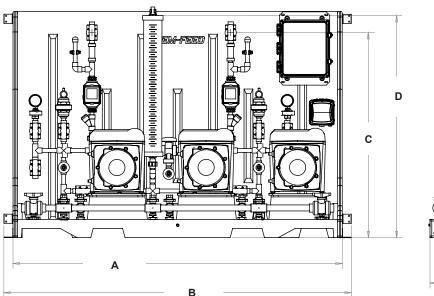
# **Engineering Specifications**

Skid	Chemically resistant polyethylene structure	
Pump (sold separately)	FLEXFLO® A1, A2, A3 or A4 peristaltic pumps	
Fullip (Solu Separately)	CHEM-FEED® CD1, C2, C3 or CD3 diaphragm pumps	
Piping	1" Inlet & 1/2" outlet PVC schedule 80 (optional CPVC, PVDF, Chem Proline®)	
Seals	FKM seals (optional EPDM)	
Tubing (T)	Reinforced braided PVC, 200 psi max, meets NSF std. 51. The pump inlet and outlet flexible tubing connections are terminated to half unions and secured to the barbed fitting with stainless steel clamps. (Optional: 1/2" PTFE, 1/4" PE, 1/4" PTFE)	
Tubing Clamps	300 series SS band, 400 series SS screw	
Unions (U)	PVC body, schedule 80 (optional CPVC, PVDF)	
Ball Valves (V)	True unions, PVC body, PTFE shaft bearings and seats (optional CPVC, PVDF)	
Pressure Relief Valve (PRV)	PVC body, PTFE primary diaphragm seal. Non-wetted components: EPDM secondary seal, zinc plated steel spring, stainless steel external hardware, HDPE pressure adjustment screw. Infinite adjustment from 10-150 psi. (optional CPVC, PVDF)	
Calibration Cylinder (CC)	PVC body, PVC end caps, 1/2" PVC pipe outlet vent Available volumes: 1.6 GPH (100ml), 4 GPH (250ml), 8 GPH (500ml), 16 GPH (1000ml), 32 GPH (2000ml), and 64 GPH (4000mL).	
Pulsation Dampener (PD)	CPVC body,10 cubic inch volume (optional PVDF)	
Gauge W/Guard (G)	Gauge: liquid filled stainless steel with blowout plug, bottom mount, 1/4' NPT theads. Available pressure ranges: 0-30 psi, 0-100, psi, 0-200 psi. Guard: PVC body, temperature compensated oil filled. (optional CPVC, PVDF)	
Check Valve (CV)	PVC body. Cracking pressure: 1.0-1.5 psi Maximum working pressure: inlet = 150 psi, back = 100 psi (optional CPVC, PVDF)	
Flow Indicator (F)	Machined cast acrylic, PVC connections, ceramic ball, PVDF ball stop, PVC half unions	
Y Strainer (S)	PVC body, 1/32" Mesh (optional CPVC, PVDF)	
Pressure Switch (PSH)	316 Stainless Steel	
Back-Pressure Valve (BPV)	PVC body, 0-150 PSI Range (optional CPVC, PVDF)	
Universal Mounting Blocks	PA 12	
Pump Extended Mounting Brackets	316 Stainless Steel	
Skid Mounting Foot Pads	316 Stainless Steel	
Mounting Hardware	304 Stainless Steel - Floor mounting only acceptable	
Maximum Working Pressure	150 psig (10.3 bar)	
Operating Temperature	14 °F to 115 °F (-10 °C to 46 °C)	
Maximum Overall Dimensions	72"W x 49.50"H x 35.0"D (82.88W x 125.73H x 88.90D cm)	
Approximate Shipping Weight	hipping Weight Standard: 200 lb. (91 Kg) with mounted pumps: 240-380 lbs (172 Kg	

# **Piping and Instrumentation Diagrams**



# **Dimensions**



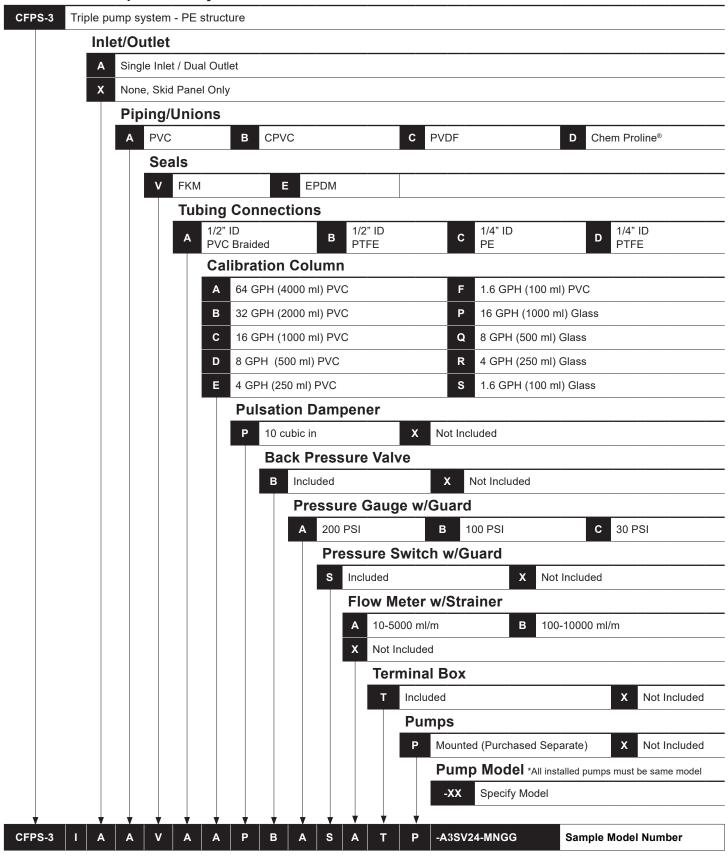
<b>G</b>	

Dim	Inch	cm
Α	72.00"	182.88
В	76.00"	193.04
С	44.85"	113.92
D	48.57"	123.37

Dim	Inch	cm
E	49.50"	125.73
F	32.91"	83.59
G	35.00"	88.90

#### **Model Number Matrix**

#### CHEM-FEED® Triplex Skid System Matrix - Industrial



NOTE: When ordering pumps for skids, pump head orientation is standard LEFT facing only.

