<u>Blue-White</u>®



Engineering and Technical Data

# **CFPS-1-M** CHEM-FEED<sup>®</sup> Plastic Single 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

Piping

PVC Schedule 80 (optional CPVC, PVDF, and Chem Proline<sup>®</sup> PE)

Frame material Polyethylene

Pressure 150 PSI (10.3 bar)

**Mounting position** Floor or wall **Compatibility** M1, M2, M3, M4, MD1, MC2, MC3, MD3

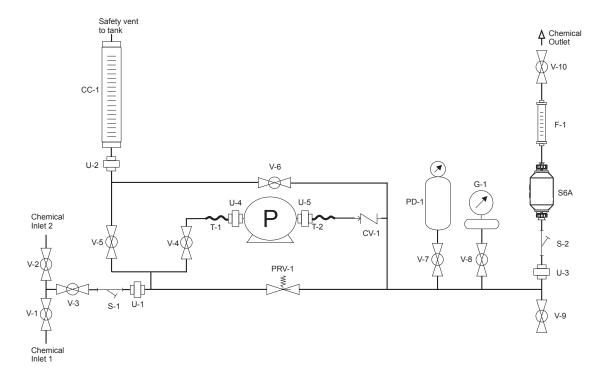
Warranty 2 Years



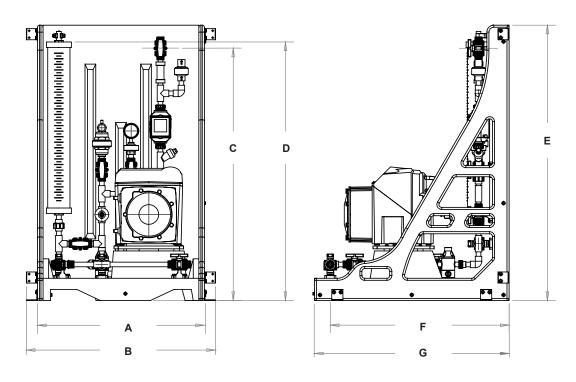
# **Engineering Specifications**

FLEXFLO <sup>®</sup> M1, M2, M3 or M4 peristalite pumps     Pump (sold separately)   FLEXFLO <sup>®</sup> M1, M2, M3 or M4 peristalite pumps     Pliping   1/2" PVC Schedule 80 (optional CPVC, PVDF, Chem Proline*)     Seals   FKM seals (optional EPDM)     Tubing (T)   The pump inited and outfit divibuit ubing connections are terminated to half unions and secured to the barbed fitting with stainless steel divides, (optional LPP ET, 14* PFE, 14* PFE)     Tubing Clamps   300 series SS band, 400 series SS screw     Unions (U)   PVC body, schedule 80 (optional CPVC, PVDF)     Bail Valves (V)   True unions, PVC body, PTFE shaft bearings and seats (optional CPVC, PVDF)     Pressure Relief Valve (PRV)   EPVC body, PTFE primary diaphragm seal. Non-velided sells pring, stainless steel advances 3 CPH (100mi), and 32 CPH (200mi), 25 CPH (200mi), 25 CPH (200mi), 26 CPH (200mi), 27 CPH (200mi), 27 CPH (200mi), 28 CPH					
Pump (sold separately)   CHEM-FEED* MD1, MC2, MC3 or MD3 disphragm pumps     Piping   1/2" PVC Schedule 80 (optional CPVC, PVDF, Chem Proline*)     Seals   FKM seals (optional EPDM)     Tubing (T)   The pump intel and outlef Mc3bit builts opconnections are terminated to haff unloss and secured to the barbed fitting with stainless steel classes. (Optional 12" PTFE, 114" PFE, 14" PTFE)     Tubing Clamps   300 series SS band. 400 series SS screw     Unions (U)   PVC body, schedule 80 (optional CPVC, PVDF)     Bail Valves (V)   (The unions, PVC body, PTFE shaft bearings and seats (optional CPVC, PVDF)     Bail Valves (V)   (The unions, PVC body, PTFE shaft bearings and seats (optional CPVC, PVDF)     Calibration Cylinder (CC)   PVC body, PTFE primary diaphragm seal. Inc plated sets primg, stainless steel external bardware, HDPE pressure adjustment screw, Infinite adjustment from 10-150 psi. (optional CPVC, PVDF)     Calibration Cylinder (CC)   PVC body, PCC end caps, 1/2" PUC pipe outlet vent. Acatable volumes: 3 CPH (100min), and 32 CPH (a00min), 32 CPH (100min), and 32 CPH (a00min), 32 CPH (100min), and 32 CPH (1000min), and 32 C	Skid	Chemically resistant polyethylene structure			
CHEM-FEED* MD1, MC2, MC3 or MD3 diaphragm pumps     Piping   1/2" PVC Schedule 80 (optional CPVC, PVDF, Chem Proline*)     Seals   FKM seals (optional EPDM)     Tubing (T)   The pump initia and outgit floxible tubing consistoned fitting with stanless steel of anaps. (Optional: 1/2" PTFE, 1/4" PTFE, 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)   True unions. PVC body, PTFE primary disphragm seal. Non-wetted components: EPDM secondary seal. zinc plational CPVC, PVDF)     Calibration Cylinder (CC)   Available volume: 3: GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 32 GPH (1000mi), 8: GPH (2500mi), 16: GPH (500mi), 12: GPH (500mi), 12: GPH (500mi), 12: GPH (500mi), 12: GPH (5		FLEXFLO <sup>®</sup> M1, M2, M3 or M4 peristaltic pumps			
Seals FKM seals (optional EPDM)   Tubing (T) Reinforced braided PVC, 200 psi max, certified NSF 51 / NSF 61. The pump inite and outer flexible tubing connections are terminated to laft unions and secured to the barded fitting with stainless setel damps. (Optional: 1/2 PTFE, 1/4 PE, 1/4 PFF)   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 shall bearings and seats (optional CPVC, PVDF)   Pressure Relief Valve (PRV) Bardware, HDFE primary diaphragm seal. Non-wetted components: EPDM secondary seal, zinc plated steel spring, stainless steel external hardware, HDFE pressure diubreals of the components: EPON secondary seal, zinc plated steel spring, stainless steel external hardware, HDFE pressure diubreals of the components: EPON secondary seal, zinc plated steel spring, stainless steel external hardware, HDFE pressure diubreals of the components: EPON secondary seal, zinc plated steel spring, stainless steel external hardware, HDFE pressure diubreals of the components: Calibration Cylinder (CC)   Pulsation Dampener (PD) CPVC body, PTC epipe outlet vent, scalable volume '3 GPH (1000m), is GPH (2300m), at 32 GPH (4000m), at 32 GPH (4000m), <b< td=""><td>Pump (sold separately)</td><td colspan="4">CHEM-FEED<sup>®</sup> MD1, MC2, MC3 or MD3 diaphragm pumps</td></b<>	Pump (sold separately)	CHEM-FEED <sup>®</sup> MD1, MC2, MC3 or MD3 diaphragm pumps			
Reinforced braided PVC, 200 psi max, certified NSF 51 / NSF 61.     Tubing (T)   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' PTFE)     Tubing Clamps   300 series SS band, 400 series SS crew     Unions (U)   PVC body, schedule 80 (optional CPVC, PVDF)     Ball Valves (V)   True unions, PVC body, PTFE primary diaphragm seal. Non-wetted components: EPOM secondary seal, zinc plated steel spring, stanifess steel external hardware. HDPE pressure adjustment stores. Infinite adjustment from 10-150 pai. (optional CPVC, PVDF)     Catibration Cylinder (CC)   PVC body, PTCE primary diaphragm seal. Non-wetted components: EPOM secondary seal, zinc plated steel spring, stanifess steel external hardware. HDPE pressure adjustment stores. Infinite adjustment from 10-150 pai. (optional CPVC, PVDF)     Catibration Cylinder (CC)   PVC body. PVC end caps. 1/2' PVC pip outlet vart.     Pulsation Dampener (PD)   CPVC body. Creacing pressure: 1.0-15. psi. Maximum working pressure: 1.0-15.	Piping	1/2" PVC Schedule 80 (optional CPVC, PVDF, Chem Proline®)			
Tubing (T)   The pump inited and outlet flexible tubing connections are terminated to half unions and secured to the barbed fitting with stainless steel clamps. (Optional: 1/2" PTE, 1/4" PE, 1/4" PTFE)     Tubing Clamps   300 series SS band, 400 series SS crew     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 disphragm seal. Non-wetted components: PDM secondary seal, Zinc patket 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 pressure adjustment screw. Infinite adjustment from 10-150 psi, (optional CPVC, PVDF)     Gauge WiGuard (G)   CPVC body. 10 cubic inch volume (optional PVDF)     Gauge WiGuard (G)   CPVC body. Cracking pressure ranges: 0-30 psi, 0-100, psi, 0-200 psi, Guard; PVC body. Cracking pressure: 1.0-1.5 psi Maximum working pressure: inlet = 150 psi, back = 100 psi (optional CPVC, PVDF)     Flow Indicator (F)   PVC body. 11/32" 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 Stainle	Seals	FKM seals (optional EPDM)			
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, 2nc plated steel spring, stainless steel external hardware, HDPE pressure adjustment form 10-150 puis (optional CPVC, PVDF)   Calibration Cylinder (CC) PVC body, PVC end caps, 1/2" PVC, Dipp outlet vent. Available volumes: 3 CPH (100ml), 8 GPH (250ml), 16 GPH (500ml), 32 GPH (1000ml), 64 GPH (2000ml), and 132 GPH (4000mL).   Pulsation Dampener (PD) CPVC body, 10 cubic inch volume (optional PVDF)   Gauge W/Guard (G) Gauge: liquid filed stainless steel with blowout plug, bottom mount, 1/4 NPT theads. Available pressure: angles: 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   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 Brockets	Tubing (T)	The pump inlet and outlet flexible tubing connections are terminated to half unions and secured to the barbed fitting with stainless steel			
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: 3 GPH (1000m), 64 GPH (2000m), and 132 GPH (4000mL), 32 GPH (1000m), 64 GPH (2000m), and 132 GPH (4000mL).   Pulsation Dampener (PD) CPVC body, 10 cubic inch volume (optional PVDF)   Gauge: liquid filled stainless steel with blowout plug, bottom mount, 1/4 NPT theads. Available pressure: anges. 0-30 psi, 0-100, psi, 0-200 psi, Guarge: IVC body, Cracking pressure: 1.0-1.5 psi (Maximum working Pressure: 3.16 Stainless Steel   Back-Pressure Valve (BPV) PVC body, 0-150 PSI Range (optional CPVC, PVDF)   Pump Extended Mounting Brackets 316 Stainless Steel   Skid Mounting Foot Pads 316 Stainless Steel   Maximum Working Pressure 14 "F to 1	Tubing Clamps	300 series SS band, 400 series SS screw			
Coptional CPVC, PVDF)   Pressure Relief Valve (PRV)   Pressure Relief Valve (PRV)   Pressure Relief Valve (PRV)   Calibration Cylinder (CC)   Publication Cylinder (CC)   Cauge: liquid filled stainless is eal with blowout plug, bottom mount, 1/4   NPT theads, Available pressure response r	Unions (U)	PVC body, schedule 80 (optional CPVC, PVDF)			
Pressure Relief Valve (PRV)   EPDM secondary seal, zinc pressure adjustment from 10-150 psi. (optional CPVC, PVDF)     Calibration Cylinder (CC)   PVC body, PVC end caps, 1/2" PVC pipe outlet vent. Available volumes: 3 GPH (1000ml), 8 GPH (2500ml), 16 GPH (500ml), 32 GPH (1000ml), 64 GPH (2200ml), and 132 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: FVC body, temperature compensated oil filled. (optional CPVC, PVDF)     Check Valve (CV)   PVC body. Cracking pressure: inlet = 150 psi, back = 100 psi (optional CPVC, PVDF)     Flow Indicator (F)   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 Fressure   150 psi (10.3 bar)     Operating Temperature   14 "F to 115 "F (-10 "C to 46 "C)     Containment Volume   2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.	Ball Valves (V)	True unions, PVC body, PTFE shaft bearings and seats (optional CPVC, PVDF)			
Calibration Cylinder (CC) Available volumes: 3 GPH (100m), 8 GPH (250m), 16 GPH (600m), 32 GPH (1000m), and 132 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) PVC body. Cracking pressure: inlet = 150 psi, back = 100 psi (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 304 Stainless Steel - Wall or Floor mounting acceptable   Maximum Working Pressure 150 psig (10.3 bar)   Operating Temperature 14 "F to 115 "F (-10 "C to 46 "C)   Containment Volume 2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.	Pressure Relief Valve (PRV)	EPDM secondary seal, zinc plated steel spring, stainless steel external hardware, HDPE pressure adjustment screw. Infinite adjustment from			
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: 1.0-1.5 psi Maximum working pressure: intet = 150 psi, back = 100 psi (optional CPVC, PVDF)   Flow Indicator (F) PVC body. Cracking pressure: intet = 150 psi, back = 100 psi (optional CPVC, PVDF)   Pressure Switch (PSH) 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 - Wall or Floor mounting acceptable   Maximum Working Pressure 150 psig (10.3 bar)   Operating Temperature 14 "F to 115 "F (-10 "C to 46 "C)   Containment Volume 2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.   Maximum Overall Dimensions 30.0"W x 49.5"H x 35.0"D	Calibration Cylinder (CC)	Available volumes: 3 GPH (100ml), 8 GPH (250ml), 16 GPH (500ml),			
Gauge W/Guard (G) NPT Theads. Available pressure ranges: 0-30 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 304 Stainless Steel   Maximum Working Pressure 150 psig (10.3 bar)   Operating Temperature 14 °F to 115 °F (-10 °C to 46 °C)   Containment Volume 2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.   Maximum Overall Dimensions 30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Pulsation Dampener (PD)	CPVC body,10 cubic inch volume (optional PVDF)			
Check Valve (CV)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 SteelBack-Pressure Valve (BPV)PVC body, 0-150 PSI Range (optional CPVC, PVDF)Universal Mounting BlocksPA 12Pump Extended Mounting Brackets316 Stainless SteelSkid Mounting Foot Pads316 Stainless SteelMounting Hardware304 Stainless Steel - Wall or Floor mounting acceptableMaximum Working Pressure150 psig (10.3 bar)Operating Temperature14 °F to 115 °F (-10 °C to 46 °C)Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	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)			
Flow Indicator (F) 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 - Wall or Floor mounting acceptable   Maximum Working Pressure 150 psig (10.3 bar)   Operating Temperature 14 °F to 115 °F (-10 °C to 46 °C)   Containment Volume 2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.   Maximum Overall Dimensions 30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Check Valve (CV)	Maximum working pressure: inlet = 150 psi, back = 100 psi			
Pressure Switch (PSH)316 Stainless SteelBack-Pressure Valve (BPV)PVC body, 0-150 PSI Range (optional CPVC, PVDF)Universal Mounting BlocksPA 12Pump Extended Mounting Brackets316 Stainless SteelSkid Mounting Foot Pads316 Stainless SteelMounting Hardware304 Stainless Steel - Wall or Floor mounting acceptableMaximum Working Pressure150 psig (10.3 bar)Operating Temperature14 °F to 115 °F (-10 °C to 46 °C)Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Flow Indicator (F)				
Back-Pressure Valve (BPV)PVC body, 0-150 PSI Range (optional CPVC, PVDF)Universal Mounting BlocksPA 12Pump Extended Mounting Brackets316 Stainless SteelSkid Mounting Foot Pads316 Stainless SteelMounting Hardware304 Stainless Steel - Wall or Floor mounting acceptableMaximum Working Pressure150 psig (10.3 bar)Operating Temperature14 °F to 115 °F (-10 °C to 46 °C)Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Y Strainer (S)	PVC body, 1/32" Mesh (optional CPVC, PVDF)			
Universal Mounting BlocksPA 12Pump Extended Mounting Brackets316 Stainless SteelSkid Mounting Foot Pads316 Stainless SteelMounting Hardware304 Stainless Steel - Wall or Floor mounting acceptableMaximum Working Pressure150 psig (10.3 bar)Operating Temperature14 °F to 115 °F (-10 °C to 46 °C)Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Pressure Switch (PSH)	316 Stainless Steel			
Pump Extended Mounting Brackets316 Stainless SteelSkid Mounting Foot Pads316 Stainless SteelMounting Hardware304 Stainless Steel - Wall or Floor mounting acceptableMaximum Working Pressure150 psig (10.3 bar)Operating Temperature14 °F to 115 °F (-10 °C to 46 °C)Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Back-Pressure Valve (BPV)	PVC body, 0-150 PSI Range (optional CPVC, PVDF)			
Skid Mounting Foot Pads316 Stainless SteelMounting Hardware304 Stainless Steel - Wall or Floor mounting acceptableMaximum Working Pressure150 psig (10.3 bar)Operating Temperature14 °F to 115 °F (-10 °C to 46 °C)Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Universal Mounting Blocks	PA 12			
Mounting Hardware304 Stainless Steel - Wall or Floor mounting acceptableMaximum Working Pressure150 psig (10.3 bar)Operating Temperature14 °F to 115 °F (-10 °C to 46 °C)Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Pump Extended Mounting Brackets	316 Stainless Steel			
Maximum Working Pressure150 psig (10.3 bar)Operating Temperature14 °F to 115 °F (-10 °C to 46 °C)Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Skid Mounting Foot Pads	316 Stainless Steel			
Operating Temperature14 °F to 115 °F (-10 °C to 46 °C)Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Mounting Hardware	304 Stainless Steel - Wall or Floor mounting acceptable			
Containment Volume2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.Maximum Overall Dimensions30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Maximum Working Pressure	150 psig (10.3 bar)			
Maximum Overall Dimensions   30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)	Operating Temperature	14 °F to 115 °F (-10 °C to 46 °C)			
	Containment Volume	2.2 gal (8.4L) - Integral to skid. 1/4" FNPT drain port.			
Approximate Shipping Weight Standard: 80 lb. (36 Kg) with mounted pump: 100-140 lb. (64 Kg)	Maximum Overall Dimensions	30.0"W x 49.5"H x 35.0"D (76.2W x 125.73H x 88.9D cm)			
	Approximate Shipping Weight	Standard: 80 lb. (36 Kg) with mounted pump: 100-140 lb. (64 Kg)			

## **Piping and Instrumentation Diagrams**



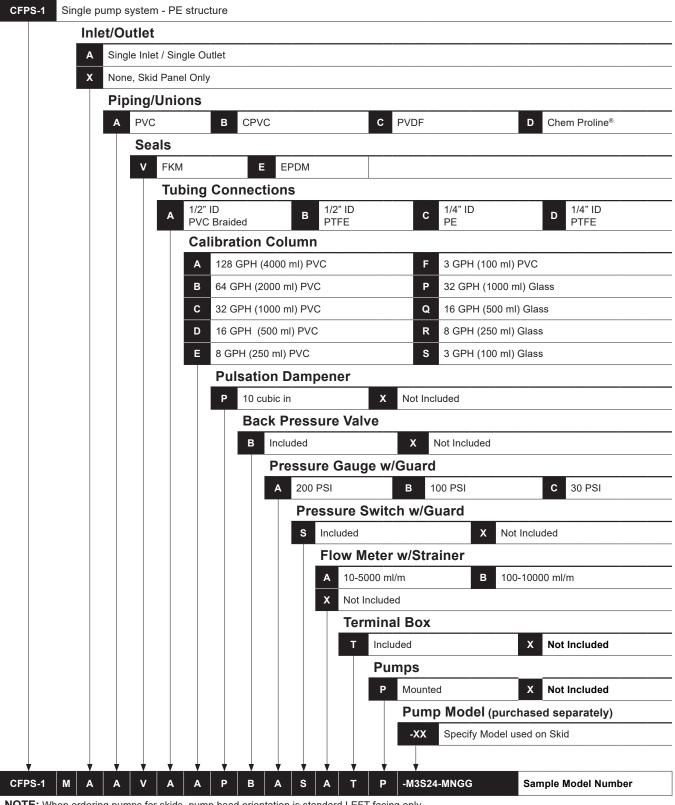
#### Dimensions



Dim	Inch	cm	_	Dim	Inch	cm
Α	30.00"	76.20		Е	49.50"	125.73
в	34.00"	86.36		F	32.15"	81.65
С	8.87"	22.54		G	35.00"	88.90
D	45.37"	115.24				

#### **Model Number Matrix**

#### CHEM-FEED® Simplex Skid System Matrix - Municipal



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

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

P.N. #85000-163 REV 4 20230313

