

Standard Dual-Pump Chemical Feed Skids

Siemens Water Technologies now offers standard dual-pump feed systems covering common chemical applications. The chemical feed skids are economical and designed to be used with the most common water treatment chemicals including sodium bisulfite, dispersant polymer, sodium hypochlorite, alum, potassium permanganate, sodium hydroxide, hydrochloric acid, sulfuric acid, and anti-scalants. All chemical feed skids are engineered for easy installation and operation.

The general skid arrangement consists of two (2) solenoid actuated diaphragm chemical metering pumps. Pumps are plumbed in a primary/spare configuration. Common suction and discharge headers are provided. All plumbing on the skid is either S80 CPVC or PVDF, depending on the application. Tru-Union ball valves are included to allow easy access for maintenance. Flush/bleed port connections are provided in the suction and discharge piping headers for maintenance and safety.

The entire line of chemical feed skids includes a NEMA 4X FRP terminal box with pump and analog termination to allow for customer power and analog input. All skids are offered with an optional control panel with NEMA 4X FRP construction, disconnect switch, pump HOA switches and indication lights.

Key Benefits

- Pre-engineered & pre-assembled system for easy installation and start-up
- Designed for common water treatment chemical applications
- Optional control panel for remote control
- Economical and quick delivery

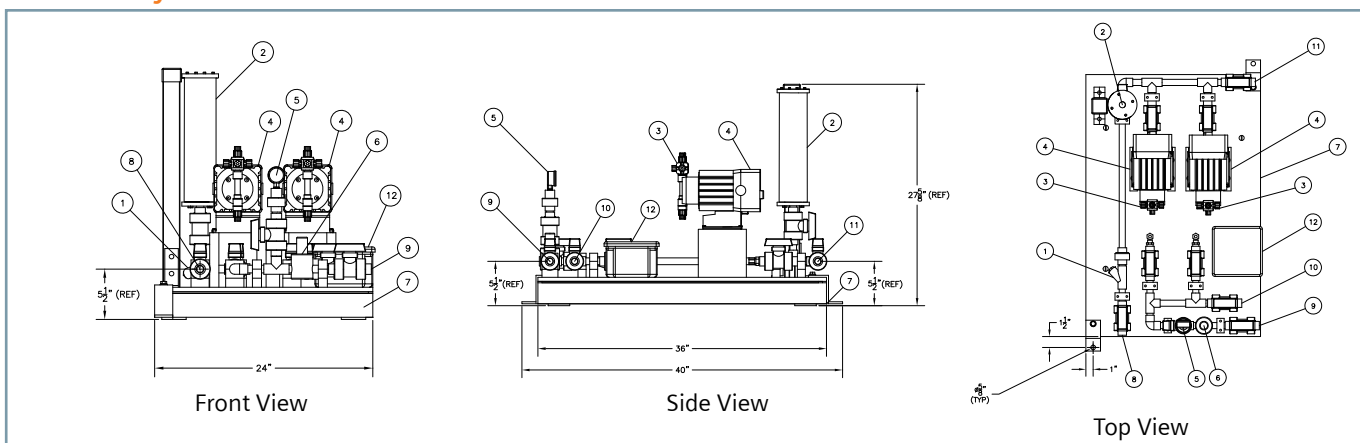
Specifications

Power	115-230 VAC / 60 Hz / 1 Phase
Dimensions (W x L)	660 x 914 mm PE Base (26" x 36") PE Base
Pump head: Dispersant polymer All other chemicals	PP / TFE PVDF / TFE
Capacities	37.8 lpd (10 gpd) 9.7 bar (140 psi)
	90.8 lpg (24gpd) 7.6 bar (110 psi)
	227.1 lpd (60 gpd) 6.9 bar (100 psi)
	363.4 lpd (96 gpd) 6.9 bar (100 psi)
	1544.5 lpd (408 gpd) 8.3 bar (120psi)(Alum Only)



Product Sheet

General Layout



Chemical	Skid Part #	Output				Spare Pump Part #	Spare Parts Kit Part #
		lpd	gpd	bar	psi		
Sodium Bisulfite	SB-10-100	38	10	9.7	140	AA971-353SI	SP-SB-10
	SB-24-100	416	24	7.6	110	AA951-393SI	SP-SB-24
	SB-60-250	227	60	6.9	100	B921-393SI	SP-SB-60
	SB-96-500	363	96	6.9	100	C921-363SI	SP-SB-96
Polymer	POLY-10-100	38	10	9.7	140	AA971-155HV	SP-POLY-10
	POLY-24-100	416	24	7.6	110	AA951-85HV	SP-POLY-24
	POLY-60-250	227	60	6.9	100	B921-85HV	SP-POLY-60
	POLY-96-500	363	96	6.9	100	C921-75HV	SP-POLY-96
Bleach	SH-10-100	38	10	9.7	140	AA971-353HI	SP-SH-10
	SH-10-100	38	10	7.6	110	AA951-393HI	SP-SH-24
	SH-60-250	227	60	6.9	100	B921-393HI	SP-SH-60
	SH-96-500	363	96	6.9	100	C921-363HI	SP-SH-96
Alum	AL-10-100	38	10	9.7	140	AA971-353SI	SP-AL-10
	AL-24-100	416	24	7.6	110	AA951-393SI	SP-AL-24
	AL-60-250	227	60	6.9	100	B921-393SI	SP-AL-60
	AL-96-500	363	96	6.9	100	C921-363SI	SP-AL-96
	AL-408-2000	1544	408	8.3	120	CM1C3E30P-FG9936	SP-AL-408
Potassium Permanganate	PP-10-100	38	10	9.7	140	AA971-353SI	SP-PP-10
	PP-24-100	416	24	7.6	110	AA951-393SI	SP-PP-24
	PP-60-250	227	60	6.9	100	B921-393SI	SP-PP-60
	PP-96-500	363	96	6.9	100	C921-363SI	SP-PP-96
Caustic	CAU-10-100	38	10	9.7	140	AA971-353SI	SP-CAU-10
	CAU-24-100	416	24	7.6	110	AA951-393SI	SP-CAU-24
	CAU-60-250	227	60	6.9	100	B921-393SI	SP-CAU-60
	CAU-96-500	363	96	6.9	100	C921-363SI	SP-CAU-96
Hydrochloric Acid	HCA-10-100	38	10	9.7	140	AA971-353SI	SP-HCA-10
	HCA-24-100	416	24	7.6	110	AA951-393SI	SP-HCA-24
	HCA-60-250	227	60	6.9	100	B921-393SI	SP-HCA-60
	HCA-96-500	363	96	6.9	100	C921-363SI	SP-HCA-96
Sulfuric Acid	SA-10-100	38	10	9.7	140	AA971-353SI	SP-SA-10
	SA-24-100	416	24	7.6	110	AA951-393SI	SP-SA-24
	SA-60-250	227	60	6.9	100	B921-393SI	SP-SA-60
	SA-96-500	363	96	6.9	100	C921-363SI	SP-SA-96
Anti-Scalant	AS-10-100	38	10	9.7	140	AA971-353SI	SP-AS-10
	AS-24-100	416	24	7.6	110	AA951-393SI	SP-AS-24
	AS-60-250	227	60	6.9	100	B921-393SI	SP-AS-60
	AS-96-500	363	96	6.9	100	C921-363SI	SP-AS-96

Key	Qty	Description
1	1	Y-strainer, 12.7 mm (1/2")
2	1	Calibration cylinder w/ vent
3	2	LMI® 4-function valve
4	2	LMI® pump
5	1	Gauge w/ guard, 0-13.8 bar (0-200 psi)
6	1	Back pressure valve
7	1	Skid W X L, 610 x 914 mm (24" x 36"), HPDE
8	1	Inlet, 12.7 mm (1/2") (F)NPT
9	1	Discharge, 12.7 mm (1/2") (F)NPT
10	1	Bleed, Discharge, 12.7 mm (1/2") (F)NPT
11	1	Bleed, Suction, 12.7 mm (1/2") (F)NPT
12	1	Junction box, terminal

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