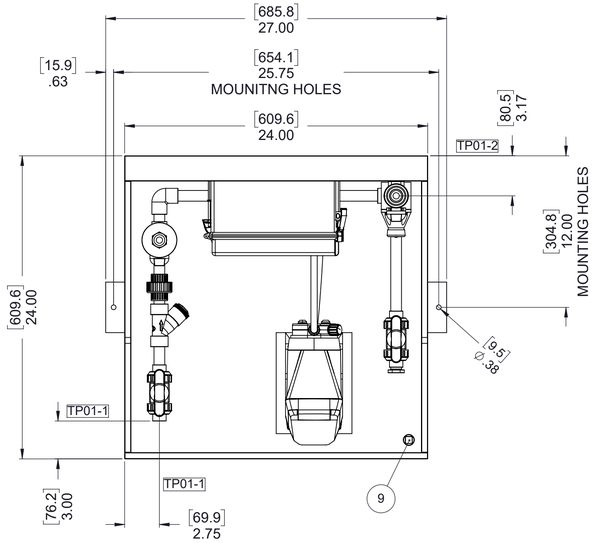
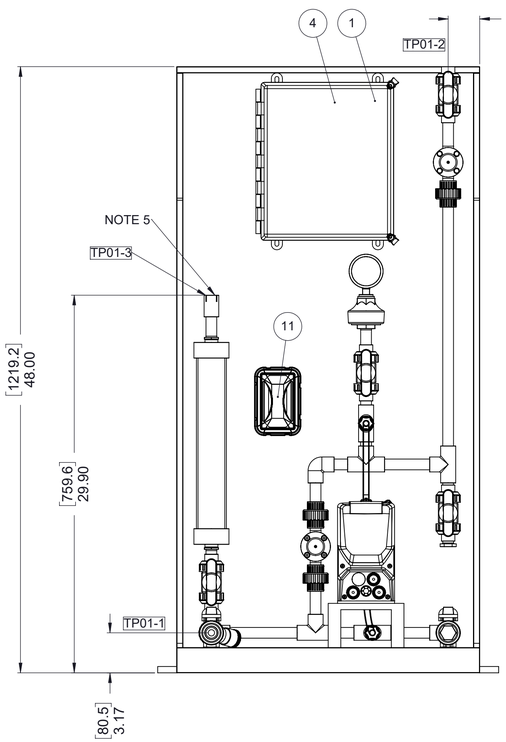
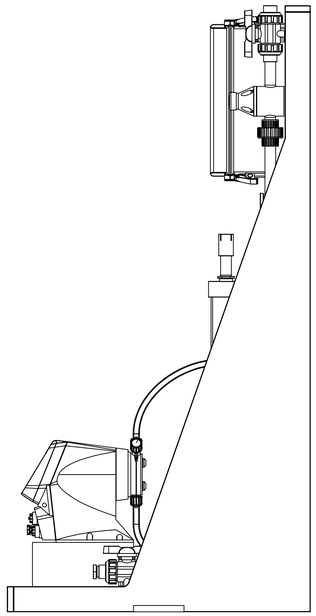
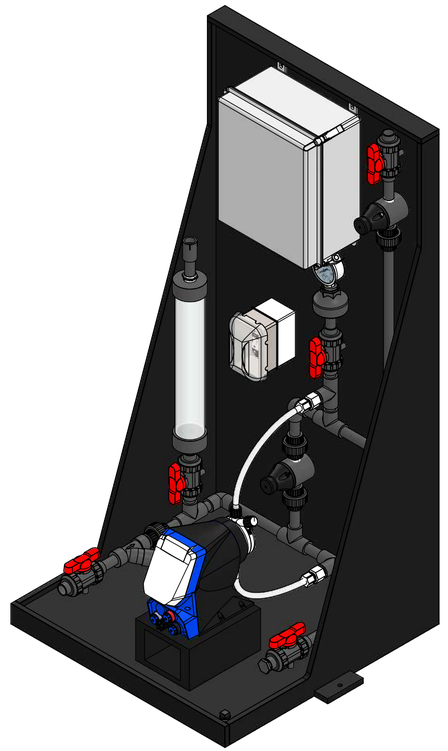
TERMINATION POINTS		
TP	SERVICE	CONNECTION
TP01-1	SYSTEM INLET	1/2" F-NPT
TP01-2	SYSTEM OUTLET	1/2" F-NPT
TP01-3	CAL. COLUMN VENT	1/2" F-NPT

PSIM-FM-050PVC-M201-S-0			1 5
REV	REVISION DESCRIPTION	DATE	APP
0	FOR APPROVAL	6/26/2026	JR









NOTES:
1. ALL PIPING - PVC, SCH. 80
2. ALL FITTINGS - PVC, SCH. 80, SW, VITON OR EPDM O-RINGS
3. ALL DIMENSIONS IN INCHES - +/-0.25" (6.35MM)
4. APPROX. SYSTEM WEIGHT - 65 LBS (30KG)
5. CAL. COLUMN VENT TO BE ROUTED BACK TO TANK IN FIELD BY OTHERS
6. MOUNTING BRACKETS NOT SHOWN FOR CLARITY BRACKET ASSEMBLY CONSISTS OF 1" SQ. PVC ROD AND PIPE SUPPORT KIT, POLYPROPYLENE CLAMP

ADDITIONAL OPTIONS:

1) 10 CUIN PULSATION DAMPENER WITH ISOLATION VALVE AND SHIP LOOSE CHARGE KIT
2) LOCAL CONTROL PANEL FOR ONE-PUMP OPERATION
3) SYSTEM AVAILABLE IN OTHER MATERIALS -
   - CPVC
   - PVC (VENTED BALL VALVES)
   - CPVC (VENTED BALL VALVES)
   - PVDF
   - SS

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PULSAFEEDER

INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M-1994

TOLERANCE UNLESS OTHERWISE SPECIFIED		MACHINED SURFACES ROUGHNESS 125 √ µin
X.X in	± 0.050 in	
X.XX in	± 0.015 in	
X.XXX in	± 0.005 in	
ANGLES	± 0°30'	

BREAK ALL SHARP EDGES .015 in MAX.
ALL DIMENSIONS IN INCHES

PROPRIETARY DATA: THIS DOCUMENT DISCLOSES INFORMATION AND DATA IN WHICH PULSAFEEDER HAS PROPRIETARY RIGHTS. THE RIGHT TO REPRODUCE, USE OR DISCLOSE IN WHOLE OR IN PART EXCEPT BY WRITTEN PERMISSION IS PROHIBITED.

PULSAFEEDER STANDARDS	DWN	PW	6/26/2026
ECN: N/A	APP	JR	6/26/2026

SIMPLEX CHEMICAL FEED SKID
PVC, 1/2", FLOOR MOUNTED
GENERAL DRAWING

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REV	REVISION DESCRIPTION	DATE	APP
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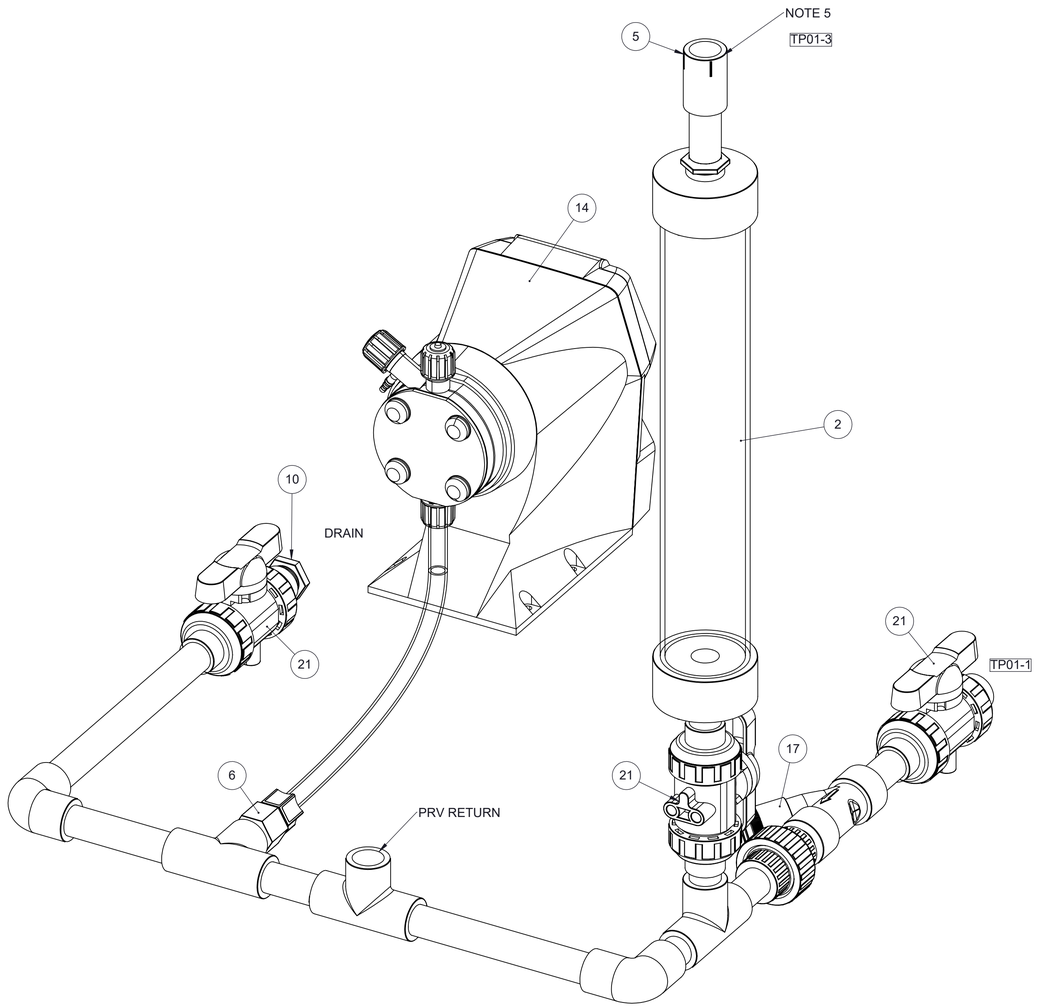

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INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M-1994

TOLERANCE UNLESS OTHERWISE SPECIFIED	
X.X in	± 0.050 in
X.XX in	± 0.015 in
X.XXX in	± 0.005 in
ANGLES	± 0° 30'

MACHINED SURFACES ROUGHNESS 125 µin

BREAK ALL SHARP EDGES .015 in MAX.

ALL DIMENSIONS IN INCHES

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ECN: N/A	APP	JR	6/26/2026

SIMPLEX CHEMICAL FEED SKID
PVC, 1/2", FLOOR MOUNTED
GENERAL DRAWING

PSIM-FM-050PVC-M201-S-0	1:2	2 5	D

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REV	REVISION DESCRIPTION	DATE	APP
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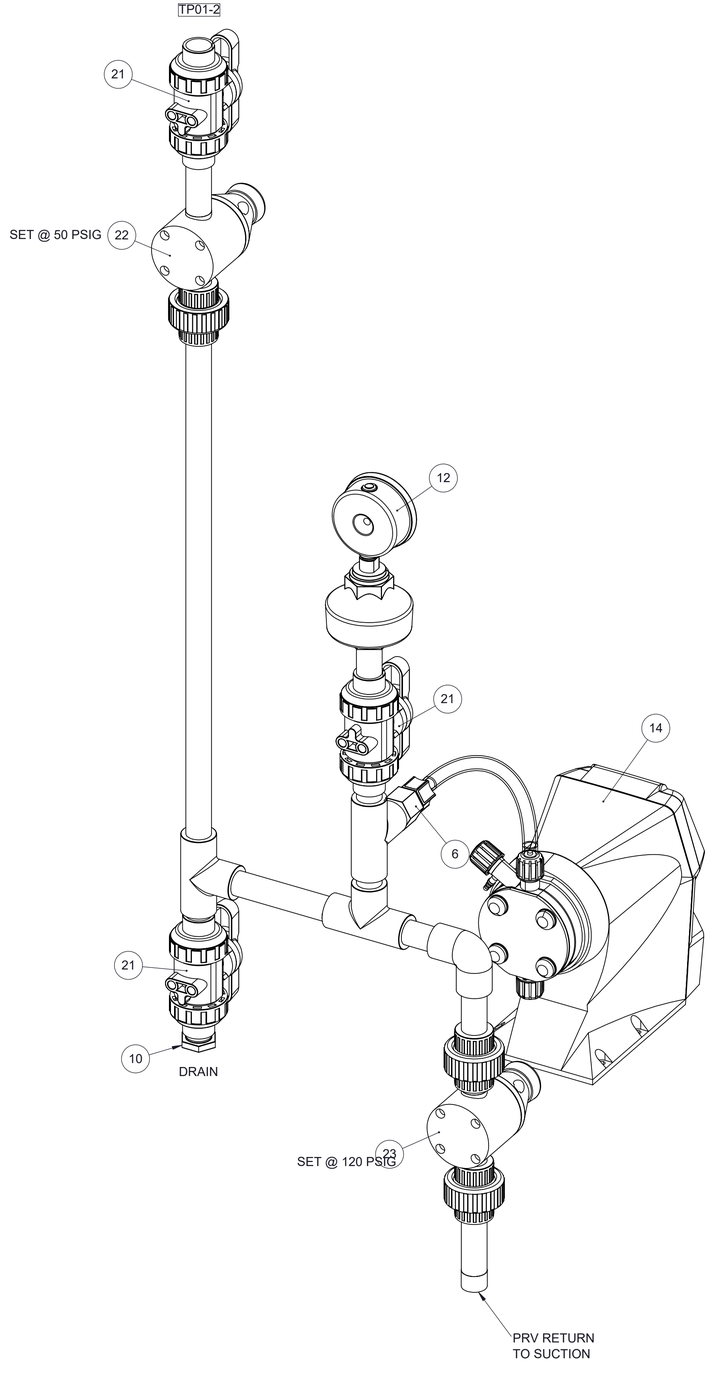

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INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M-1994

TOLERANCE UNLESS OTHERWISE SPECIFIED		MACHINED SURFACES ROUGHNESS 125 µin
X.X in	± 0.050 in	
X.XX in	± 0.015 in	
X.XXX in	± 0.005 in	
ANGLES	± 0° 30'	
BREAK ALL SHARP EDGES .015 in MAX.		
ALL DIMENSIONS IN INCHES		

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ECN: N/A	APP	JR	6/26/2026

SIMPLEX CHEMICAL FEED SKID
PVC, 1/2", FLOOR MOUNTED
GENERAL DRAWING

PSIM-FM-050PVC-M201-S-0	2:5	3	5	D

ITEM NO.	DESCRIPTION	QTY.
1	BASE, 24"W X 24"D X 48"H, BLACK HDPE, 1/2" THICK, HDPE WELDED	1
2	CALIBRATION COLUMN, 500 ML (0 - 8.0 GPH), 3/4" F-NPT, WHITE LETTERING, PVC, EQS	1
4	EQS EZ DOSE STANDARD SIMPLEX JB, 12" X 10" X 6", FRP, NEMA 4X, HOFFMAN	1
5	FEMALE ADAPTER, 1/2" SW/THD, PVC, SCH80	1
6	FEMALE CONNECTOR, 1/2" TUBE X 1/2" F-NPT, PVDF, JACO	2
9	PLUG, SQUARE HEAD, 1/2" NPT, BLACK HDPE	1
10	PLUG, 1/2" THD, PVC, SCH.80	2
11	POWER OUTLET, 120 VAC, SINGLE GANG, 2 OUTLETS, GFCI PROTECTED BY CUSTOMER BREAKER	1
12	PRESSURE GAUGE, 2.5" DIAL, 0-160 PSIG, LOWER MOUNT, GLYCERIN FILLED, KODIAK, MOUNTED ON PVC/TEFLON DIAPHRAGM SEAL, PLASTOMATIC	1
14	PUMP, PULSAFEEDER NEXTSTEP SERIES	1
17	STRAINER "Y", 1/2" SW, PVC, SCH.80, VITON O-RING, 1/32" PERF SCREEN, HAYWARD	1
21	VALVE BALL, 1/2" SW, VITON O-RINGS, TRUE UNION, PVC, TYPE 21, ASAHI	6
22	VALVE, BACK PRESSURE, 1/2" F-NPT, PVC BODY, PTFE / EPDM DIAPHRAGM, 10-150 PSI, M-SERIES, GRIFFCO	1
23	VALVE, PRESSURE RELIEF, 1/2" F-NPT, PVC BODY, PTFE / EPDM DIAPHRAGM, 10-150 PSI, M-SERIES, 2 PORT, GRIFFCO	1

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REV	REVISION DESCRIPTION	DATE	APP
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INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M-1994

TOLERANCE UNLESS OTHERWISE SPECIFIED	
X.X in	± 0.050 in
X.XX in	± 0.015 in
X.XXX in	± 0.005 in
ANGLES	± 0°30'

MACHINED SURFACES ROUGHNESS 125 µin

BREAK ALL SHARP EDGES .015 in MAX.

ALL DIMENSIONS IN INCHES

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ECN: N/A	APP	JR	6/26/2026

SIMPLEX CHEMICAL FEED SKID
PVC, 1/2", FLOOR MOUNTED
GENERAL DRAWING

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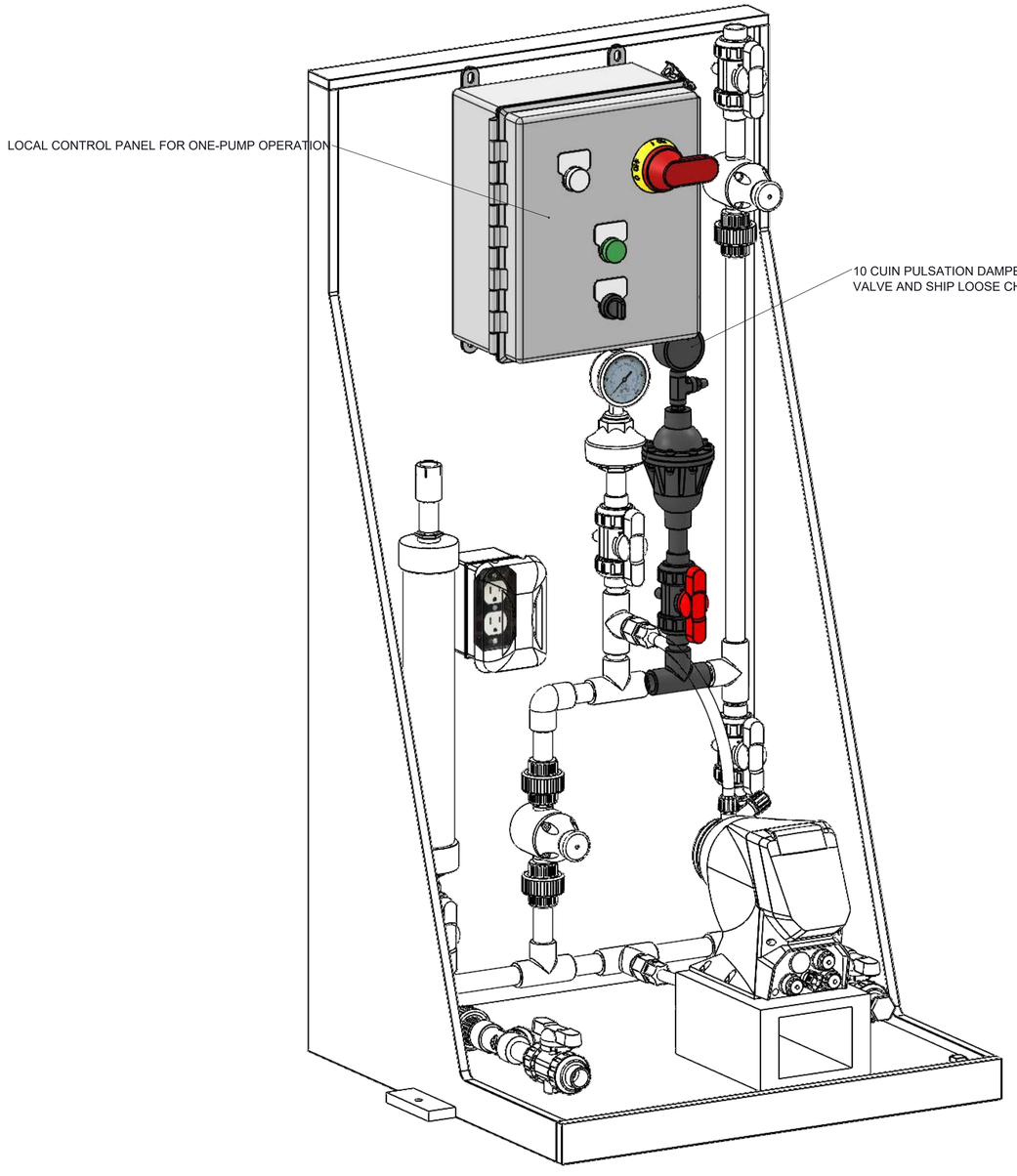
REV	REVISION DESCRIPTION	DATE	APP
0	FOR APPROVAL	6/26/2026	JR

ADDITIONAL OPTIONS:



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PULSAFEEDER

INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M-1994

TOLERANCE UNLESS OTHERWISE SPECIFIED		MACHINED SURFACES ROUGHNESS 125 µin
X.X in	± 0.010 in	
X.XX in	± 0.015 in	
X.XXX in	± 0.005 in	
ANGLES	± 0° 30'	

BREAK ALL SHARP EDGES .015 in MAX.

ALL DIMENSIONS IN INCHES

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PULSAFEEDER STANDARDS	DWN	PW	6/26/2026
ECN: N/A	APP	JR	6/26/2026

SIMPLEX CHEMICAL FEED SKID
PVC, 1/2", FLOOR MOUNTED
GENERAL DRAWING

PSIM-FM-050PVC-M201-S-0	2:7	5 5	D