1. All piping and fittings shall be 3/4" SCH. 80 PVC socket weld with Viton seals unless otherwise required by components.

2. All dimensions are in inches and are shown for reference only.

Piping Schematic

Notes:

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Front View

Isometric View

Side View

Plan View

SIGMA SERIES METERING PUMP TYP.
S2BAHM07120 MAX. CAPACITY: 38 GPH @ 100 PSIG
S2CAHM07120 MAX. CAPACITY: 38 GPH @ 100 PSIG

3/4" PVC/VITON NPT BALL VALVE TYP.
PRODUCT INLET

2000ml PVC CALIBRATION COLUMN WITH 1/2" O.D. PVC TUBING VENT TO TANK

3/4" PVC/VITON NPT BALL VALVE TYP.
PRODUCT OUTLET

1300ml PVC/VITON PULSATION DAMPER TYP.

BLACK UV PROTECTED FP STAND

TYPE 4 D25 PVDF/VITON FLOW MONITOR TYP.

3/4" PVC PRESSURE REL. VALVE TYP.
(ADJUSTABLE 0-150 PSIG)

2 TYP.

3/4" PVC BACK PRESSURE VALVE TYP.
(ADJUSTABLE 0-150 PSIG)

1/2" PVC/VITON NPT BALL VALVE TYP.
FLUSH PORT

3/4" PVC/VITON NPT BALL VALVE TYP.
PRODUCT INLET

3/4" PVC/VITON WYE-STRAINER

3/4" PVC PRESSURE REL. VALVE TYP.
(ADJUSTABLE 0-150 PSIG)

2 TYP.

3/4" PVC PRESSURE REL. VALVE TYP.
(ADJUSTABLE 0-150 PSIG)

3/4" PVC BACK PRESSURE VALVE TYP.
(ADJUSTABLE 0-150 PSIG)

1/2" PVC/VITON NPT BALL VALVE TYP.
FLUSH PORT

1/2" PVC/VITON NPT BALL VALVE TYP.
VITON PD FM

1/2" PVC/VITON NPT BALL VALVE TYP.
VITON PD FM

2-1/2 316 SST PRESSURE GAUGE WITH PVC ISOLATOR (0-160 PSIG)

2020mL PVC/VITON PULSATION DAMPER TYP.

2000mL PVC CALIBRATION COLUMN WITH 1/2" O.D. PVC TUBING VENT TO TANK

2 TYP.

2 TYP.

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