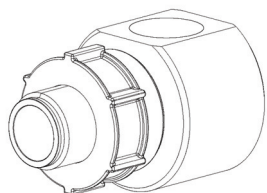




Right Angle Adapter



Vertically orient accessories on AUTOPRIME™ liquid ends.

Reduce space requirements

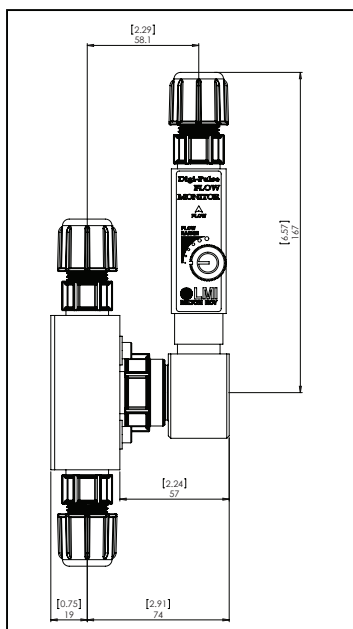
Fits DIGI-PULSE™ FM-PRO, FM-ROY, and new 4-Function Valve

Manufactured with durable PVC

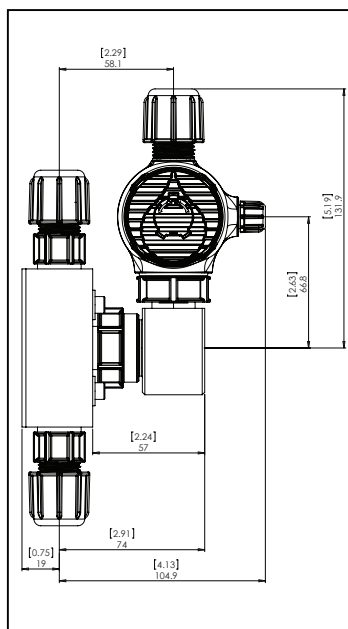
P/N 49216 Right Angle Adapter Assembly

The LMI Right Angle Adapter will orient DIGI-PULSE™ Flow Monitor Series FM-PRO or FM-ROY into a vertical position when used with AUTOPRIME™ liquid ends. Simply attach the Right Angle Adapter securely to the horizontal discharge port of the AUTOPRIME™ liquid end. Securely attach the DIGI-PULSE™ Flow Monitor to the Right Angle Adapter. To reduce space in tight corners, mount the new 4-Function Valve on the Right Angle Adapter to place it in a vertical position or inline after the DIGI-PULSE™ Flow Monitor.

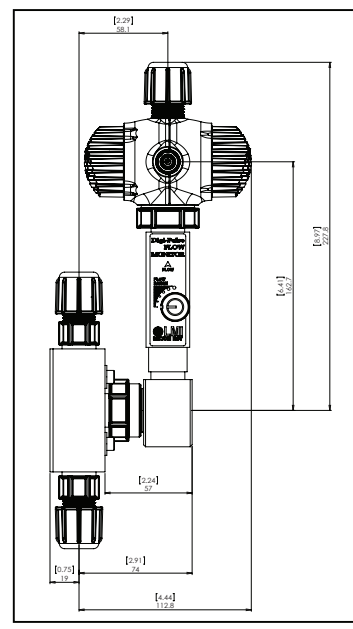
**Right Angle Adapter
with DIGI-PULSE™ FIG 1**



**Right Angle Adapter
with 4-Function Valve FIG 2**



**Right Angle Adapter
with DIGI-PULSE™ and
4-Function Valve FIG 3**

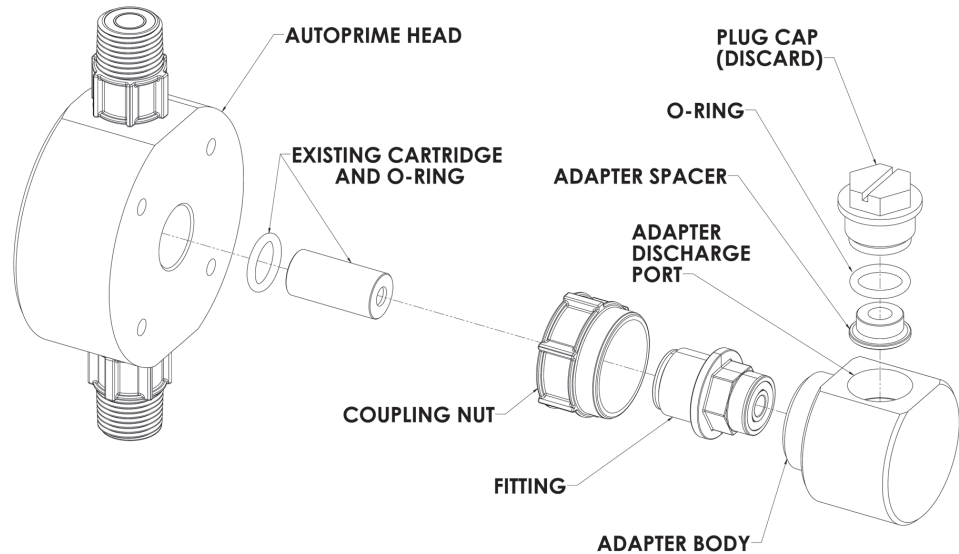


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Installation Instructions:

The Right Angel Adapter consists of the following components:

- ADAPTER BODY
- ADAPTER SPACER
- O-RING
- PLUG CAP
- FITTING
- COUPLING NUT



To mount the Right Angle Adapter to the AUTOPRIME™ head:

1. Remove the discharge fitting from the AUTOPRIME™ head and leave the existing cartridge and o-ring in the AUTOPRIME™ head.
2. Position the **COUPLING NUT** on the AUTOPRIME™ head over the cartridge with threads out.
3. Insert **FITTING** and thread into pump head over cartridge.
4. Tighten the **FITTING** to 50 in-lbs using a 13/16" or 20 mm socket.
5. Insert the large opening on the **ADAPTER BODY** into the **COUPLING NUT**.
6. Hand tighten the **COUPLING NUT** with the **ADAPTER DISCHARGE PORT** positioned 90° CCW from vertical (9 o'clock), then holding the **COUPLING NUT** stationary while turning the **ADAPTER BODY** the final 90° to vertical.
7. Remove the **PLUG CAP**. The **ADAPTER SPACER** and **O-RING** should remain in the **ADAPTER DISCHARGE PORT**.

Typical Configurations:

- As an AUTOPRIME™ only (AI) application: Install the original discharge fitting into the **ADAPTER DISCHARGE PORT** and connect tubing (reference Tubing Connection System Information sheet 2000).
- With a DIGI-PULSE™ Flow Monitor: Install the DIGI-PULSE™ in the **ADAPTER DISCHARGE PORT**. Then install the original discharge fitting at the top (discharge end) of the DIGI-PULSE™ (reference **FIG 1** of front side and DIGI-PULSE™ Flow Monitor Information sheet 1865).
- With a 4-Function Valve: Install the original 4-Function Valve discharge fitting into the **ADAPTER DISCHARGE PORT** (reference **FIG 2** of front side and 4-Function Valve Data Sheet 1996).
- With a DIGI-PULSE™ Flow Monitor and 4-Function Valve: Install the DIGI-PULSE™ in the **ADAPTER DISCHARGE PORT**. Then install the original 4-Function Valve discharge fitting at the top (discharge end) of the DIGI-PULSE™ and install the 4-Function Valve into the discharge port of the DIGI-PULSE™ (reference **FIG 3** of front side, DIGI-PULSE™ Flow Monitor Information sheet 1865 and 4-Function Valve Data Sheet 1996).