



13D Riser PRV

Field Assembly Instructions

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Purpose: This procedure provides instructions and specifications on how to field retrofit an existing 13D riser with a pressure relief valve (PRV) and drain tube.

AGF Provided Components:

¼" Close Pipe Nipple	½" X ¼" Hex Bushing
½" X ½" X ¼" Reducing Tee	M7000 Pressure Relief Valve
½" Male X Barb Elbow	24" Drain Tubing
Tubing Clamp	

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Customer Supplied Items:

PTFE Tape	Adjustable Wrenches (x2)
Pliers	Existing Pressure Gauge

STEP	INSTRUCTION	IMAGE
1	Turn off supply and fully drain the system.	
2	Identify gauge location on system.	
3	Unthread gauge, use a backup wrench on riser as needed. Be careful to not damage gauge's threads.	
4	Apply PTFE tape to both ends of close nipple. Apply PTFE tape to male threads of bushing. Thread nipple into ½" X ¼" hex bushing. Tighten; be careful as to not damage threads of nipple.	
5	Thread bushing and nipple into open port on riser and tighten it.	
6	While holding the hex bushing with an adjustable wrench, thread reducing tee onto bushing then, tighten. Ensure branch of tee is pointing up when finished.	

STEP	INSTRUCTION	IMAGE
7	Apply PTFE tape to threads of pressure relief valve (PRV). While supporting reducing tee, thread PRV into it. Tighten and finish in a position which will make routing the drain tube easy.	
8	Apply PTFE tape to threads of ½" X barb elbow. While supporting reducing tee, thread elbow into PRV. Tighten and finish with barb facing down to ensure proper drainage.	
9	Push one end of tubing over elbow's barb.	
10	Apply clamp to tubing over elbow's barb. Tighten with pliers. Ensure tubing is routed to ensure proper drainage.	
11	Apply PTFE tape to threads of gauge. While supporting reducing tee and preventing it from rotating, thread gauge into it. Tighten and finish with face of gauge easily visible.	
12	Open system's supply valve and return to service.	