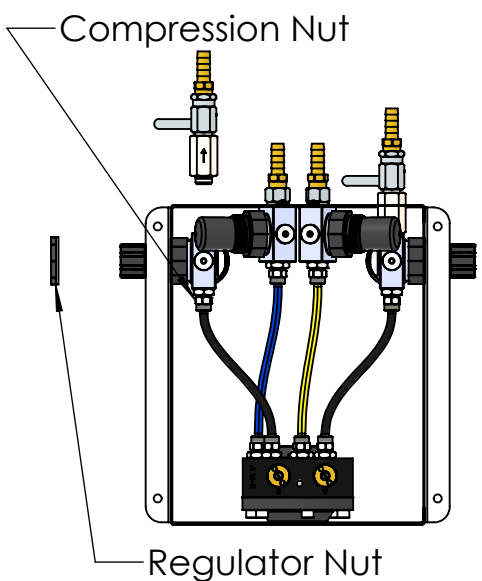
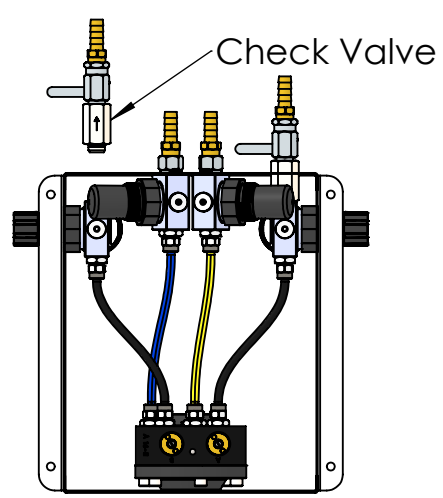
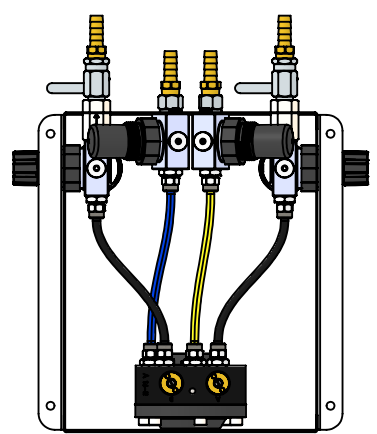


B Side A Side



Regulator Replacement

Safety: Make sure all supply gases are turned off. Feel free to carefully pinch the supply tubing and tubing from the outlets as well to minimize the amount of gas lost when replacing the regulator.

Notes: The easiest method to replace the Regulator assembly is to cut the outlet gas line, however this will depressurize your system, if you pinch the lines, you should have much less loss of pressure. I would recommend closing all the ball valves on the secondary regulators (if they are present). Note: if you do cut the supply line make sure you have extra Oetiker clamps and the Hose Clamp tool to replace the tubing back onto the hose barb. Alternatively, you can leave the hose attached to the panel, though it can be a bit more difficult to replace the Regulator assembly.

Recommended Tools: 19mm (3/4") Wrench, 12mm Wrench, Wrench Flat Pliers (Large Crescent Wrench or 1-3/8" Wrench), 14mm (9/16") Wrench, 11/16" Wrench

Outlet

- Turn off the ball valve(s) on the Blender and the Supply CO2 / N2
- Detach the panel from the wall.
- Carefully, using a 19mm (3/4") wrench, untwist the Check Valve from the leaking outlet regulator. Caution, it may be a little tricky, we use Loctite between the Check Valve and the Regulator. To avoid bending the panel you may need to use a backup wrench to hold the regulator.
- Next take the mounting nut off the outside of the Regulator using a pair of Wrench Flat Pliers or alternatively a large Crescent Wrench.
- using a 12mm wrench, take off the compression nut off the regulator fitting. (it should be attached to a black tube in most cases) For the High Flow panels use 14mm (9/16") wrench (clear Tubing).

- Take out the Old Regulator
- Insert the New Regulator into the panel, loosely attach the Regulator Nut.
- If you have it, use some Loctite 243, on the check valve and thread it into the New Regulator assembly until snug. Use the 19mm (3/4") Wrench to tighten the check valve into the New Regulator assembly.
- Fully tighten the Regulator Nut with a Wrench Flat Pliers or alternatively a large Crescent Wrench. Make sure the gauge is straight.
- Push the tubing fully onto the new Regulator and tighten the Compression Nut using a 12mm Wrench until no threads are showing/the nut is snug.
- Re-attach tubing to the inlets and outlets and unclamp tubing of the panel as necessary, turn on Supply Gases and check for leaks.
- Mount Panel on the wall, turn on outlet Ball Valves of the Panel.

UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	EHS 07/07/23
TOLERANCES:	CHECKED	
FRACTIONAL ± 1/32	ENG APPR.	
ANGULAR: MACH ± BEND ±	MFG APPR.	
TWO PLACE DECIMAL ±.01	Q.A.	
THREE PLACE DECIMAL ±.005	COMMENTS:	
MATERIAL		
FINISH		
DO NOT SCALE DRAWING		



Trumix Double

SIZE	DWG. NO.	REV
A	TM-2-HPR_Regulator_Swap	
SCALE: 1:6	WEIGHT:	SHEET 1 OF 1

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