

ULTRA PC™ % CABINET MOUNT FLOWMETER

Installation Instructions

Identify the following components in the flowmeter package:

- Cabinet Mount Flowmeter
- Bag Tee
- Bag Tee Mount
- Two Gas Check Valve Risers - one O₂, one N₂O
- Two Adaptors (converts DISS to push-on fittings) - one O₂, one N₂O
- Two 6 ft. Hoses - one O₂ (green), one N₂O (blue)
- One 10 ft. Hose, Mixed Gas (white)
- Two Wing Nuts and two #10 Flat Washers (installed on flowmeter or in separate bag)
- Installation Instructions

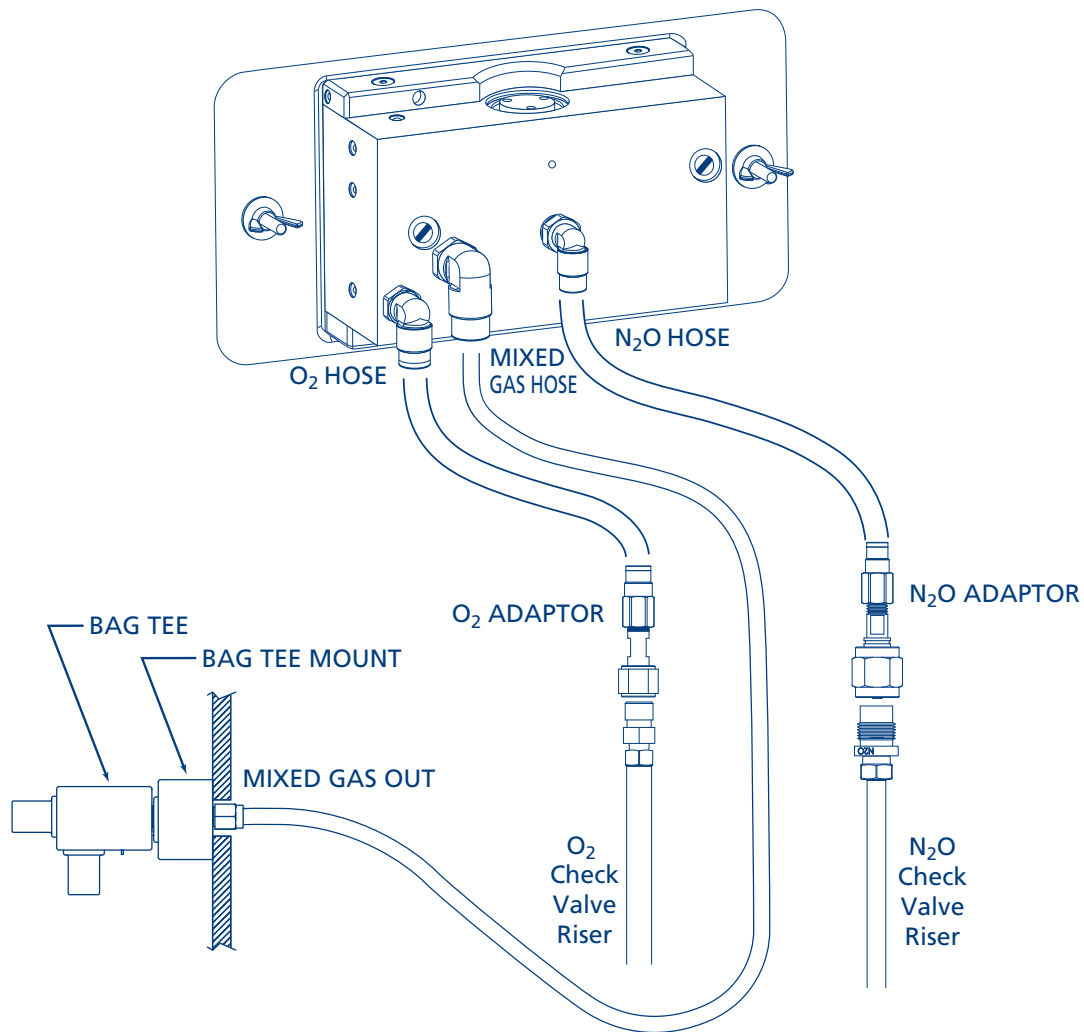
IMPORTANT: PRIOR TO INSTALLATION, TURN OFF CENTRAL GAS SUPPLY SYSTEM AND CLOSE ALL GAS TANK VALVES IN TANK ROOM.

1. Determine desired location of flowmeter. Use template to cut opening in cabinet or mounting apparatus. Drill two 13/64" DIA holes per template. Note: Flowmeter location needs to accommodate 6 ft. hose-to-valve distance (steps 5 and 6), and 10 ft. mixed gas hose-to-remote bag tee distance (step 7).
2. Determine location of bag tee that accommodates visual monitoring of breathing bag during patient treatment. Drill a hole in the cabinet that will allow the push-on fitting on the back of bag tee mount to pass through. Note: Bag tee needs to be installed within 10 ft. of the flowmeter.
3. Install the O₂ check valve riser to the system oxygen gas line. Use approved brazing or welding methods with silver solder (reference NFPA 99).
4. Install the N₂O check valve riser to the system nitrous oxide gas line. Use approved brazing or welding methods with silver solder (reference NFPA 99).
5. Connect the O₂ hose (green) to the O₂ check valve riser using adaptor that converts O₂ DISS to push-on fitting. The Cabinet Mount flowmeter needs to be installed close enough to the check valve riser so the 6 ft hose can reach from check valve riser to the flowmeter. Longer hose available.
6. Connect the N₂O hose (blue) to the N₂O check valve riser using adaptor that converts N₂O DISS to push-on fitting. The Cabinet Mount flowmeter needs to be installed close enough to the check valve riser so the 6 ft hose can reach from check valve riser to the flowmeter. Longer hose available.
7. Run 10 ft. mixed gas hose through pre-drilled hole in step 2 and plug to backside of bag tee. Install bag tee over hole. The bag tee needs to be installed close enough to the flowmeter so the 10 ft hose can reach from the bag tee to the flowmeter. Longer hose available.
8. Pull O₂ and N₂O gas lines and mixed gas hoses through the opening for flowmeter installation and attach O₂, N₂O, and mixed gas hoses to backside of flowmeter. Note: Make certain hoses are not crimped. Check O₂ and N₂O hose connections for leaks.
9. If wing nuts are installed on flowmeter remove them first, then place flowmeter into opening and thread the two wing nuts from the opposite side.

NOTE: BEFORE USING FLOWMETER, CHECK FOR CROSSED LINES BY OPENING ONLY THE O₂ GAS TANK VALVE IN THE TANK ROOM MAKING CERTAIN THAT ONLY OXYGEN FLOWS THROUGH THE FLOWMETER

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