

ULTRA PC™ % CABINET MOUNT FLOWMETER, RFS

Installation Instructions

Identify the following components in the flowmeter package:

- Cabinet Mount Flowmeter
- Remote Flow System (RFS)
- Two Gas Shut-off Valves - 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)
- Four #8 Mounting Screws with C' Sinks and Snap Caps
- Installation Instructions

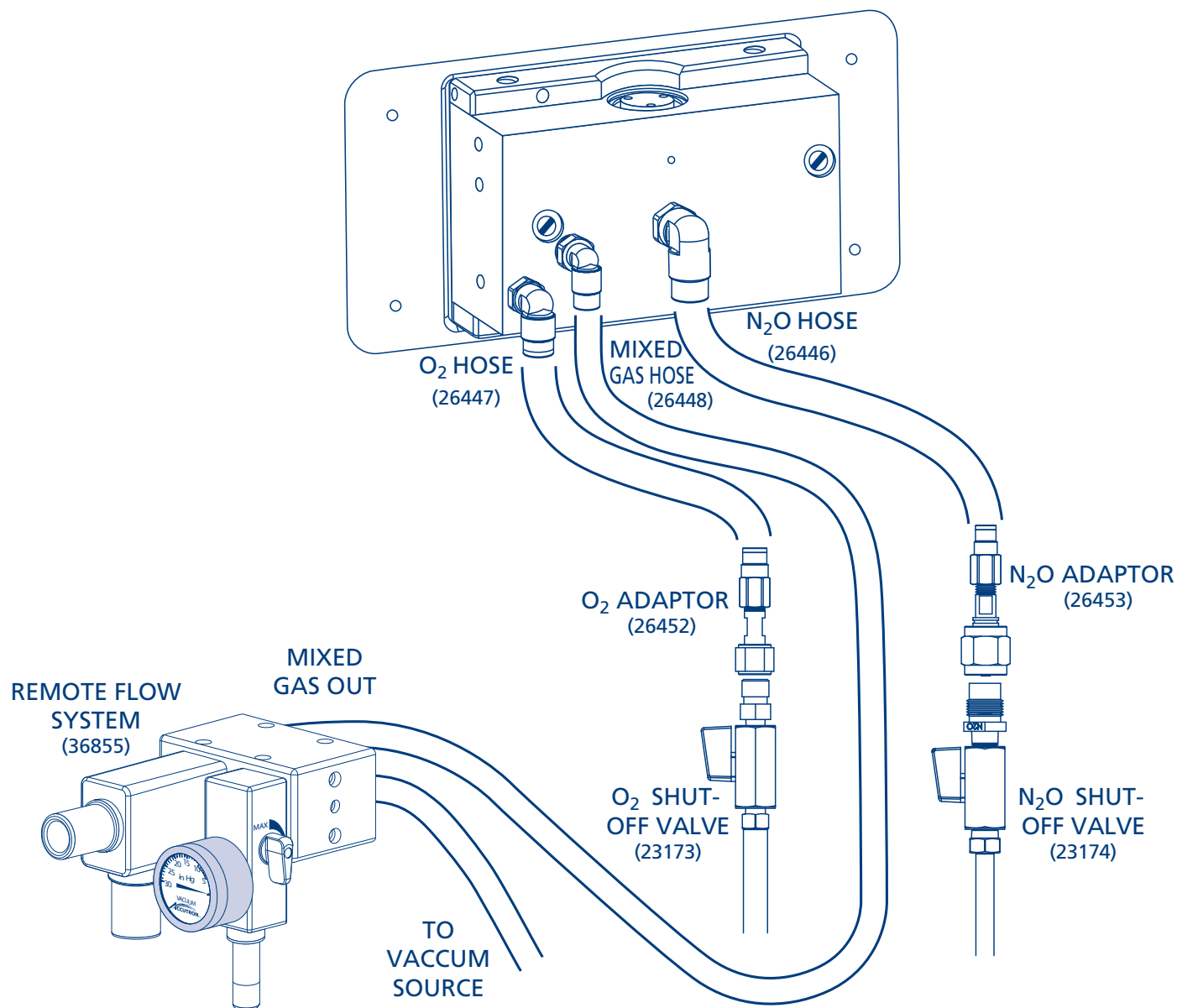
IMPORTANT: PRIOR TO INSTALLATION, TURN OFF CENTRAL GAS SUPPLY SYSTEM AND CLOSE ALL GAS TANK VALVES IN TANK ROOM.

1. Determine desired location of flowmeter. Use template to cut opening in cabinet or mounting apparatus. Drill four holes for #8 screws 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 RFS that accommodates visual monitoring of breathing bag during patient treatment. Install RFS per RFS Installation Instructions that accompany the RFS product. Note: RFS needs to be installed within 10 ft. of the flowmeter.
3. Install the O₂ shut-off valve to the oxygen gas line. Use approved brazing or welding methods with silver solder (reference NFPA 99). Note: Shut-off valve should be in closed position throughout installation of flowmeter.
4. Install the N₂O shut-off valve to the nitrous oxide gas line. Use approved brazing or welding methods with silver solder (reference NFPA 99). Note: Shut-off valve should be in closed position throughout installation of flowmeter.
5. Connect the O₂ hose (green) to the O₂ shut-off valve using adaptor that converts O₂ DISS to push-on fitting. Note: The Cabinet Mount flowmeter needs to be installed within 6 ft. of the O₂ shut-off valve.
6. Connect the N₂O hose (blue) to the N₂O shut-off valve using adaptor that converts N₂O DISS to push-on fitting. Note: The Cabinet Mount flowmeter needs to be installed within 6 ft. of the N₂O shut-off valve.
7. Run 10 ft. mixed gas hose and plug to backside of RFS. Note: RFS must be installed within 10 ft. of the flowmeter.
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. Position flowmeter over opening, line up holes on flowmeter with holes drilled per template and thread the four #8 mounting screws with c' sink under each to firmly attach flowmeter to the cabinet wall. Install snap caps over screw heads.

NOTE: BEFORE USING FLOWMETER, CHECK FOR CROSSED LINES BY OPENING THE O₂ SHUT-OFF VALVE ONLY AND MAKING CERTAIN THAT ONLY OXYGEN FLOWS THROUGH THE FLOWMETER.

10. After assurance that there are no crossed lines, open both the O₂ and N₂O shut-off valves to allow gas flow to flowmeter.

ULTRA PC™ % CABINET MOUNT FLOWMETER, RFS Installation Instructions



1733 W. Parkside Lane • Phoenix, Arizona 85027
Toll-free: 800-531-2221 • Local Phone: 623-780-2020 • Fax: 623-780-0444
www.accutron-inc.com