



VetPro® Solo Installation



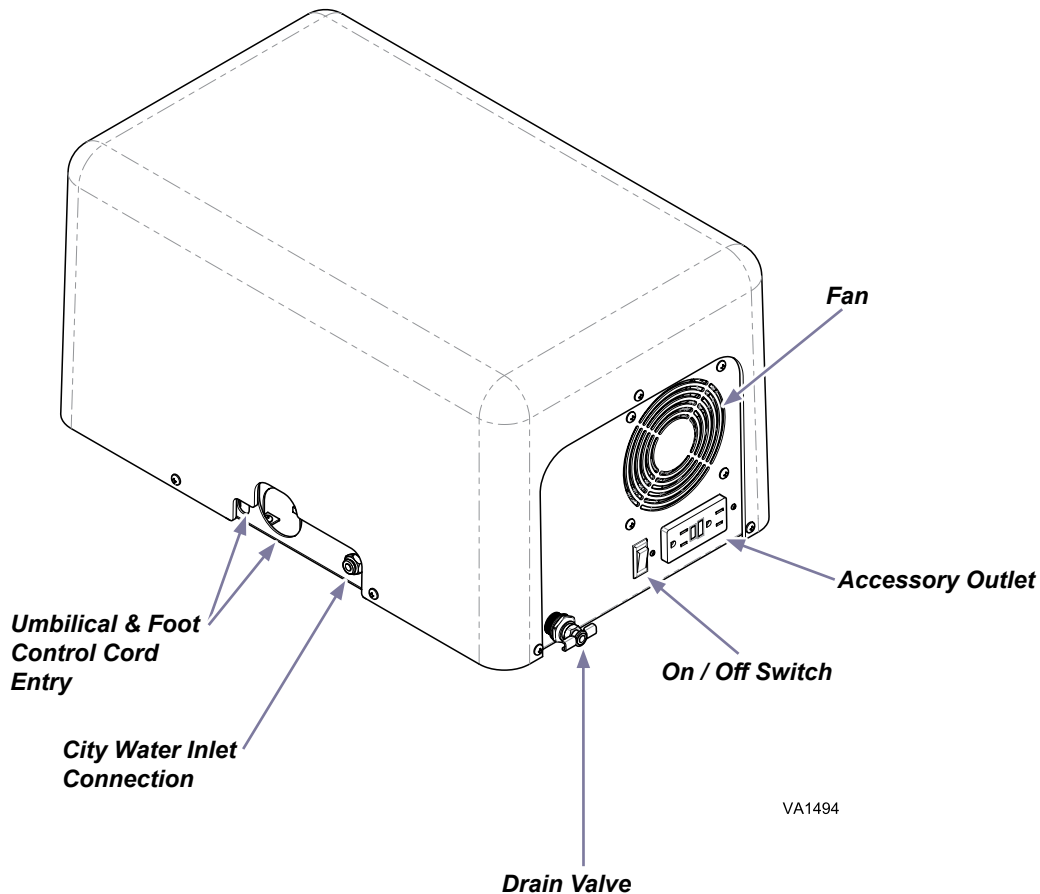
WARNING

Equipment is not suitable for use in the presence of a flammable anesthetic mixture.



Caution

Use caution when lifting Solo unit. Solo weighs 54 lbs.



VA1494

Specifications

Dimensions	
Width	12.75 inches (32.4 cm)
Length	20.89 inches (53 cm)
Height	11.40 inches (29 cm)
Weight	54 lbs (24.5 kg)
Shipping Weight	61 lbs (27.7 kg)
Electrical	
Voltage	115 VAC
Frequency	60 Hz
Circuit Breaker Protection	15 amps
Hospital Grade Wiring	NEMA type: 14 and 18 AWG
Accessory Outlet (Side Mounted, User Specs)	GFCI 5 amps, 125 VAC
Receptacles (Internal)	NEMA Outlet, Snap AC Connector, 15 amp, 125 VAC
Plug	15 amps, 125 VAC
Power Cord Length	5 ft. NEMA 5-15R
Compressor	
Motor	Oil Free 1/3 HP
Working Pressure	80 - 100 PSI
Flow Rate	2.6 scfm @ 45 PSI
Sound Level (full load)	< 55 dB
Air Tank	1 gal 3.79 Liter
Water Connection	
Water Inlet Length	10 ft. (3 m)
Water Inlet Thread Size	3/8" FNPT
Saddle Valve Adapter Length	2 ft. (.61 m)
Saddle Clamp Range	3/8" - 1 5/16" OD Copper Pipe

Important Information

Intended Use

To provide Midmark VetPro® 5000 Wall, Cabinet and Table Mount Dental Delivery System with compressed air, water and electrical power.

Electromagnetic Interference

The VetPro® Solo is designed and built to minimize electromagnetic interference with other devices. However, if interference is noticed between another device and this product:

- Remove interfering device from room
- Plug VetPro® Solo into isolated circuit
- Increase separation between VetPro® Solo and interfering device
- Contact Midmark if interference persists

Disposal of Equipment

At the end of product life, accessories, and other consumable goods may become contaminated from normal use. Consult local codes and ordinances for proper disposal of equipment, accessories and other consumable goods.

Transportation / Storage Conditions

Ambient Temperature Range:.....0°F to 140°F (-18°C to +60°C)
Relative Humidity.....10% to 90% (non-condensing)
Atmospheric Pressure.....700hPa (20 in.Hg) to 1060hPa (31 in.Hg)



Proper Shipping Orientation



Consult User Guide

3



Maximum stacking height (3 High)



Do Not Tumble



Fragile



Handle With Care



Keep Dry

Safety Symbols



DANGER

Indicates an **imminently hazardous situation which will result in serious or fatal injury. This symbol is used only in the most extreme conditions.**



WARNING

Indicates a **potentially hazardous situation which could result in serious injury.**



Caution

Indicates a **potentially hazardous situation which may result in minor or moderate injury. It may also be used to alert against unsafe practices**



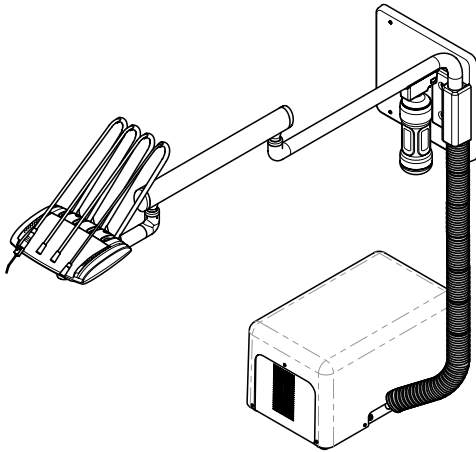
Equipment Alert

Indicates a **potentially hazardous situation which could result in equipment damage.**

Before you install...

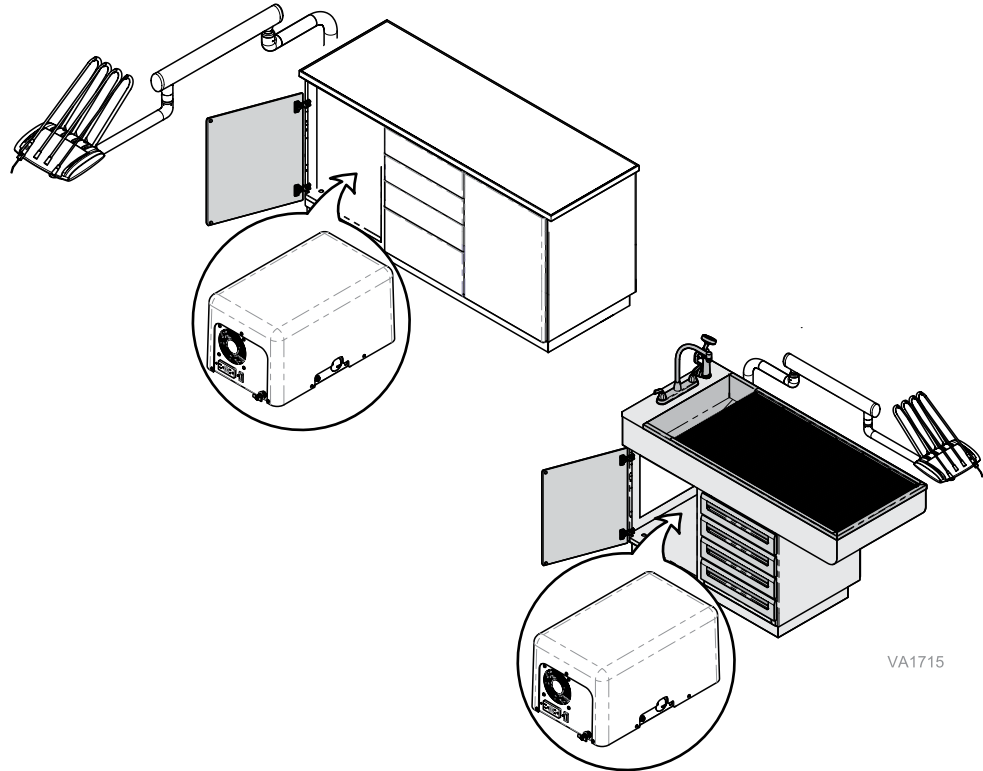
- A) Remove VetPro® Solo from packaging.
- B) Determine placement of Solo unit, then follow instructions.

Floor Installation



If installing VetPro Solo to wall mount...
Go to page 4 for installation procedure.

Cabinet / Table Installation



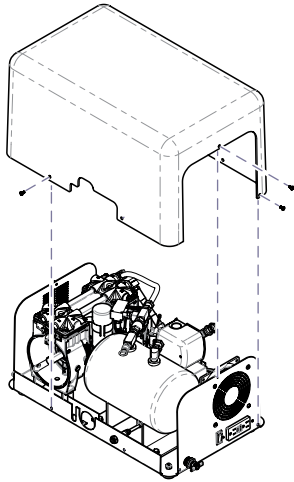
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If installing VetPro Solo in cabinet / table...
Go to page 6 for installation procedure.

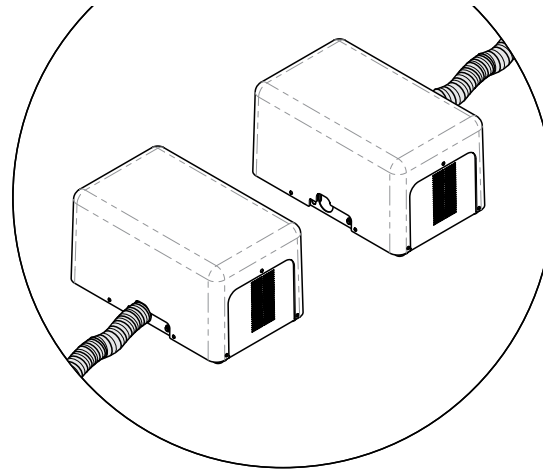
Floor Installation

Step 1: Remove VetPro Solo cover.

A) Remove screws & outer cover as shown.

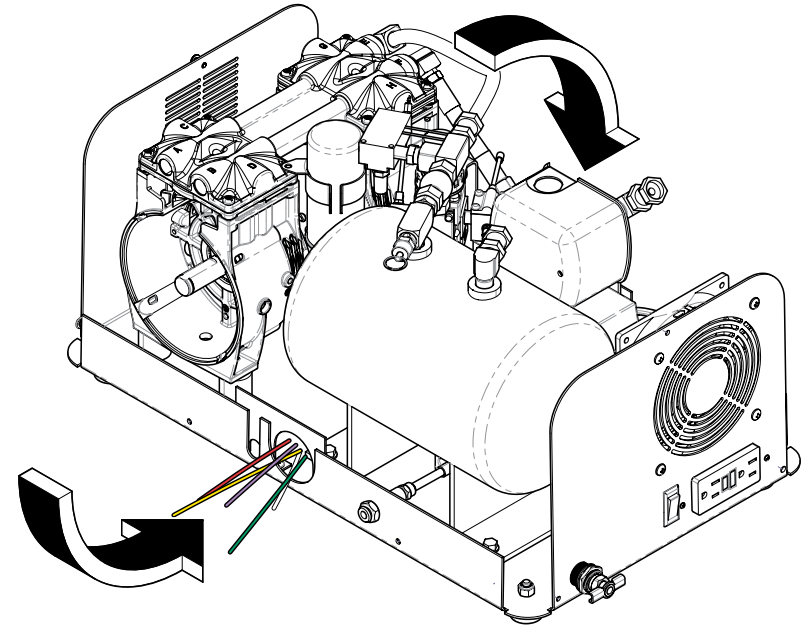


Determine the desired position of the umbilical...



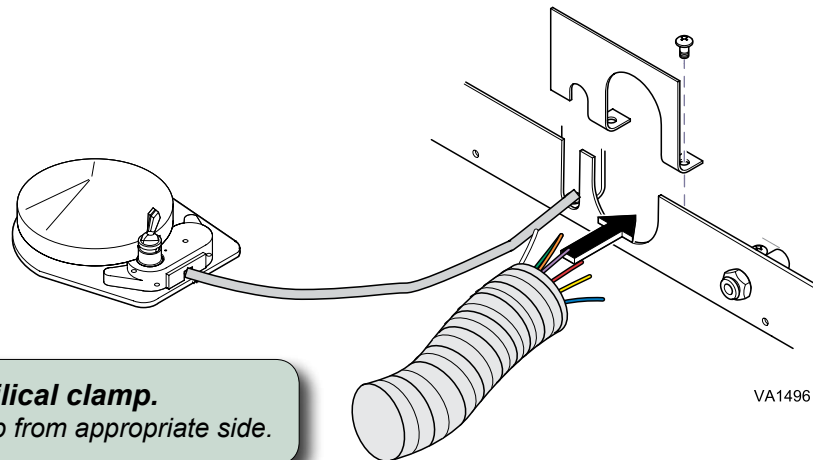
To connect umbilical to the opposite side of Solo...

A) Re-route tubing to the other side of the Solo unit.



Step 2: Remove umbilical clamp.

A) Remove umbilical clamp from appropriate side.



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Floor Installation - continued

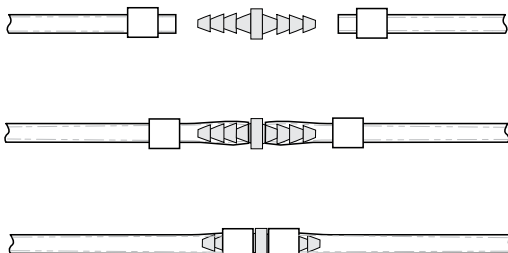
Step 3: Connect VetPro tubing / wiring to Solo.

- Connect red & green wires to fiber optic power supply.
- Plug fiber optic power supply into receptacle inside of Solo.
- Connect scaler wiring.
- Slide uni-clamps onto purple, red, & yellow tubing from umbilical, then connect to matching colors from Solo.

Note: Fiber Optics are optional.

To Connect Tubing..

- Slide uni-clamp onto tubing.
- Slide tubing onto barbed fitting.
- Slide uni-clamp over the barbed fitting.



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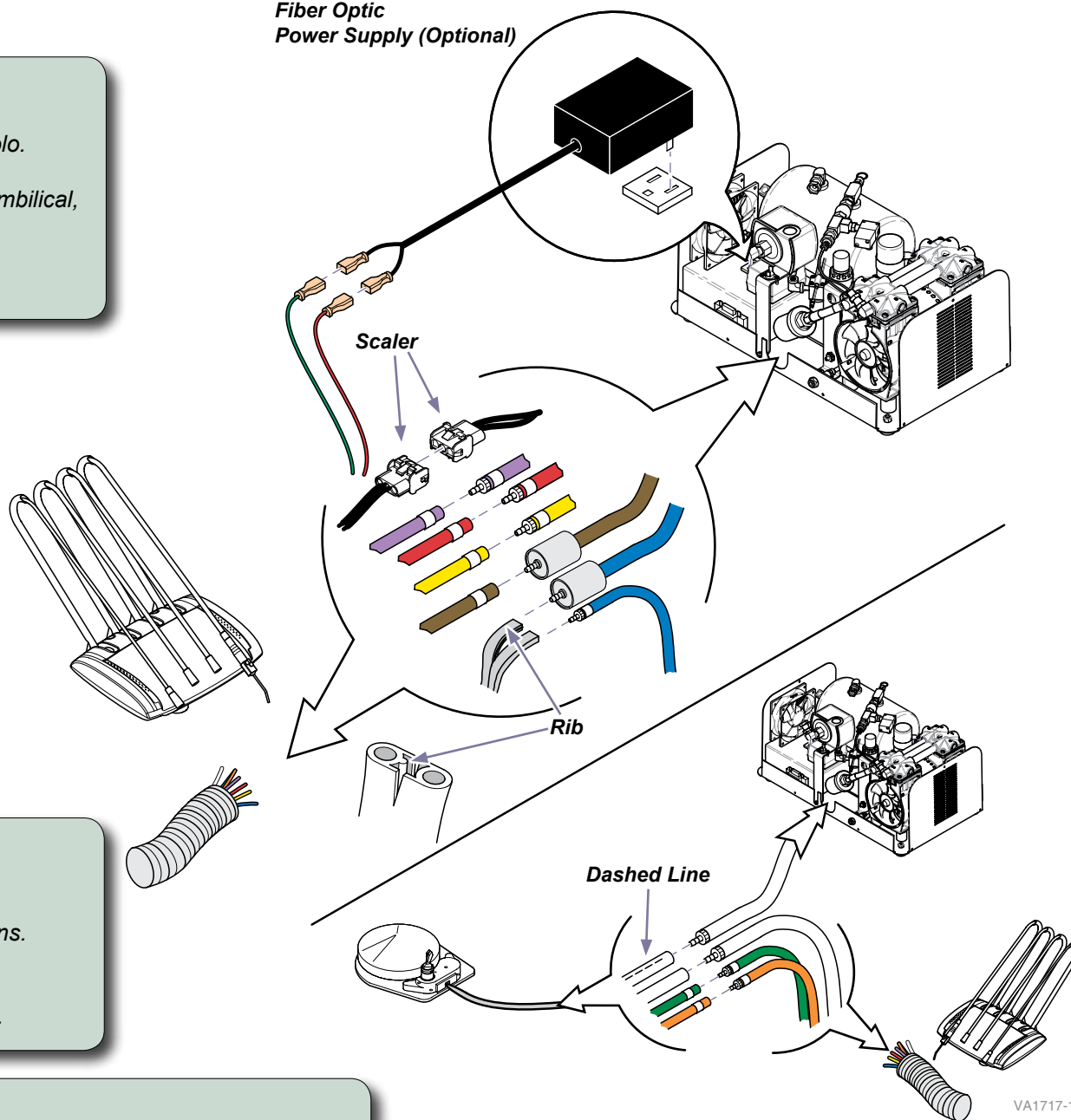
Step 4: Connect water bottle tubing.

- Slide uni-clamps onto brown tubing from water bottle, then connect to valve / brown tubing from Solo.
- Pull grey water bottle tubing apart to separate two sections.
- Locate **ribbed** section of water bottle tubing.
- Connect **ribbed** section to valve / blue tubing from Solo.
- Connect non-ribbed section to blue tubing from umbilical.

Step 5: Connect foot control tubing.

- Connect clear tubing **with dashed line** from foot control to clear tubing from Solo.
- Connect clear tubing from foot control to clear tubing from umbilical.
- Slide uni-clamps onto green & orange tubing from foot control, then connect to matching colors from umbilical. Brown tube from from foot control is not used.

Fiber Optic
Power Supply (Optional)



Cabinet / Table Installation

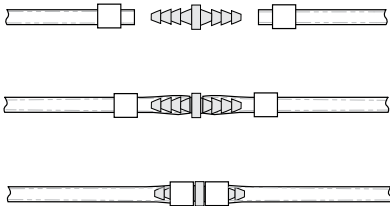
Step 2: Connect VetPro® tubing / wiring to Solo.

- Connect red & green wires to fiber optic power supply.
- Plug fiber optic power supply into receptacle on back of Solo.
- Connect scaler wiring.
- Slide uni-clamps onto purple, red, & yellow tubing from VetPro®, then connect to matching colors from Solo.

Note: Fiber Optics are optional.

To Connect Tubing..

- Slide uni-clamp onto tubing.
- Slide tubing onto barbed fitting.
- Slide uni-clamp over the barbed fitting.



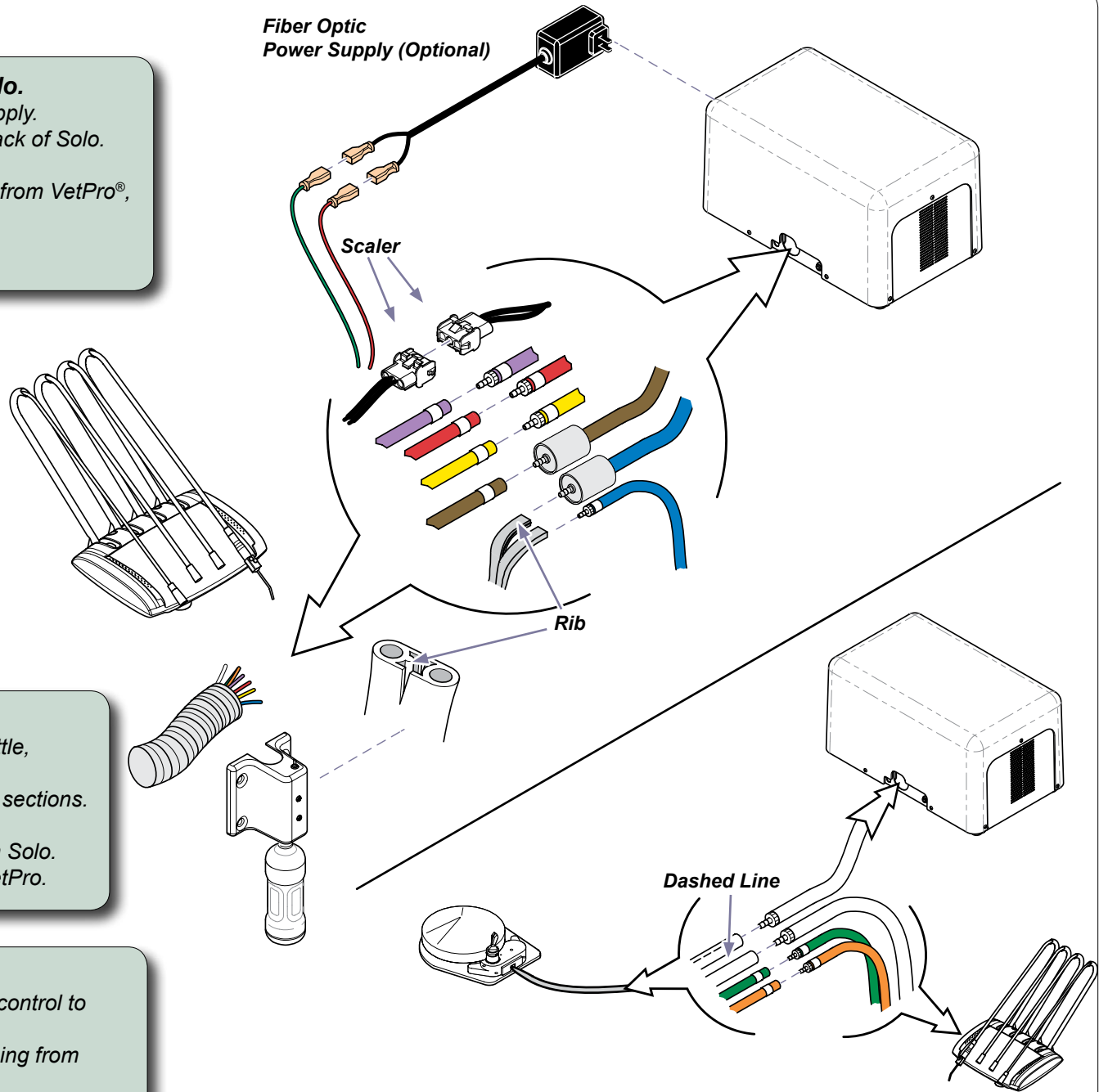
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Step 3: Connect water bottle tubing.

- Slide uni-clamps onto brown tubing from water bottle, then connect to valve / brown tubing from Solo.
- Pull grey water bottle tubing apart to separate two sections.
- Locate **ribbed** section of water bottle tubing.
- Connect **ribbed** section to valve / blue tubing from Solo.
- Connect non-ribbed section to blue tubing from VetPro.

Step 4: Connect foot control tubing.

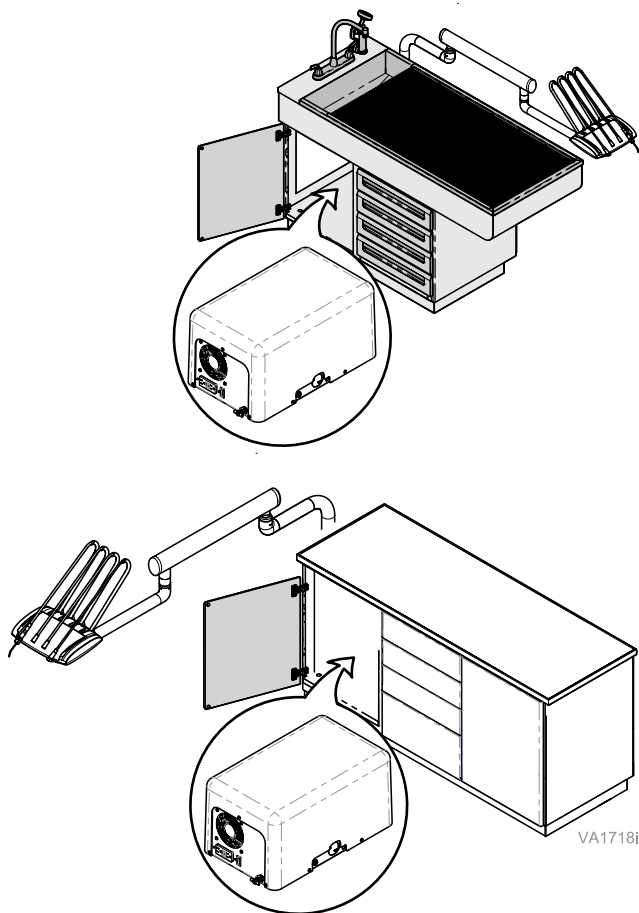
- Connect clear tubing **with dashed line** from foot control to clear tubing from Solo.
- Connect clear tubing from foot control to clear tubing from VetPro.
- Slide uni-clamps onto green & orange tubing from foot control, then connect to matching colors from VetPro. Brown tube from foot control will not be used.



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Cabinet / Table Installation - continued

Step 5: Position VetPro Solo in cabinet / table.



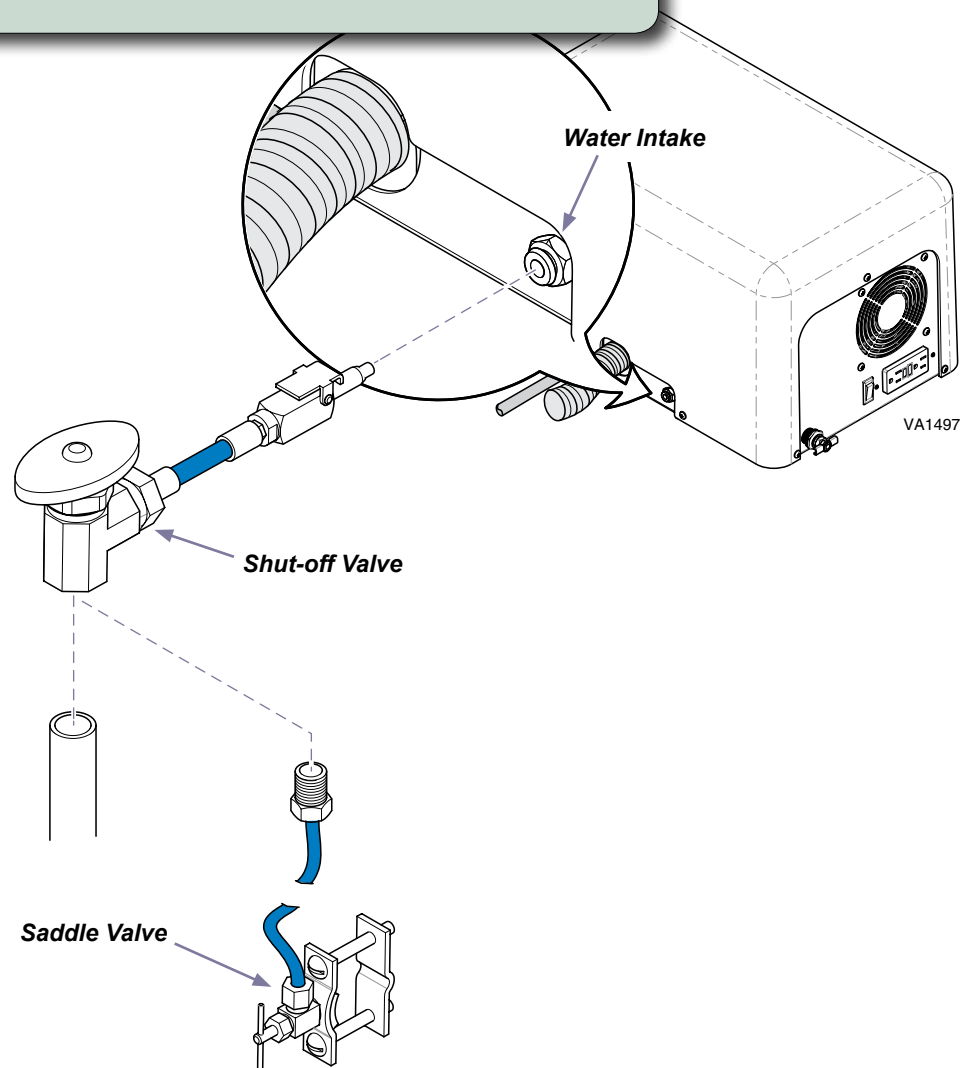
City Water Supply Connection without Saddle Valve

(Refer to following page for connection using the saddle valve)

Note: This is an optional connection if facility water is desired.

Connect shut-off valve assembly to water supply.

- A) Replace Solo cover.
- B) Disconnect shut-off valve from saddle valve / tubing assembly.
- C) Connect shut-off valve to facility water supply according to local codes / regulations.
- D) Insert quick connector into Solo water intake as shown.



City Water Supply Connection with Saddle Valve

Note

This is an optional hook-up if facility water is desired.

Connect shut-off valve using saddle valve.

- A) Replace Solo cover.
- B) Turn valve handle counterclockwise to fully retract valve pin.
- C) Remove one screw from saddle valve clamp, then position clamp around copper tubing.
- D) Tighten screws firmly to secure clamp.
(Note: Tighten screws alternately to keep clamps parallel).
- E) Turn handle clockwise until you feel valve pin puncture copper tubing.
- F) Turn handle counterclockwise to open valve.
- G) Adjust flow using shut-off valve.
- H) Insert quick connector into Solo water intake as shown.

