



Viper

Installation of New Kit Transducer.



Release Date: November 12, 2024

Release Number: 740002879INS

Review Date: November 12, 2024

Revision: A

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The products, technical information, and instructions contained in this manual are subject to change without notice. These instructions are not intended to cover all details or variations of the equipment, nor to provide for every possible contingency in the installation, operation or maintenance of this equipment. This manual assumes that the person(s) working on the equipment have been trained and are skilled in working with electrical, plumbing, pneumatic, and mechanical equipment. It is assumed that appropriate safety precautions are taken and that all local safety and construction requirements are being met, in addition to the information contained in this manual.

This Product is warranted only as provided in Cornelius' Commercial Warranty applicable to this Product and is subject to all of the restrictions and limitations contained in the Commercial Warranty.

Cornelius will not be responsible for any repair, replacement or other service required by or loss or damage resulting from any of the following occurrences, including but not limited to, (1) other than normal and proper use and normal service conditions with respect to the Product, (2) improper voltage, (3) inadequate wiring, (4) abuse, (5) accident, (6) alteration, (7) misuse, (8) neglect, (9) unauthorized repair or the failure to utilize suitably qualified and trained persons to perform service and/or repair of the Product, (10) improper cleaning, (11) failure to follow installation, operating, cleaning or maintenance instructions, (12) use of "non-authorized" parts (i.e., parts that are not 100% compatible with the Product) which use voids the entire warranty, (13) Product parts in contact with water or the product dispensed which are adversely impacted by changes in liquid scale or chemical composition.

Contact Information:

To inquire about current revisions of this and other documentation or for assistance with any Cornelius product contact:

www.marmonfoodservice.com
800-238-3600

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This document contains the original instructions for the unit described.

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Correct Disposal of this Product

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

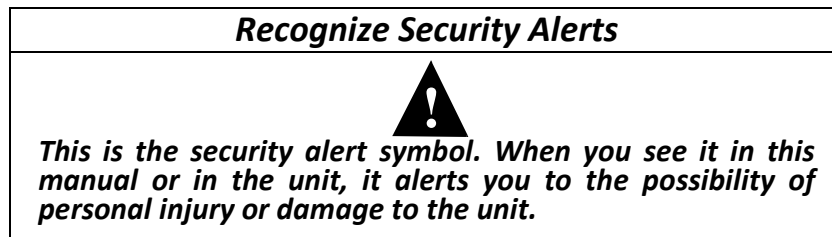
SAFETY INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

Security Summary

- Read and follow **ALL SAFETY INSTRUCTIONS** in this manual and any warning/caution labels installed on the unit (decals, labels, or laminated cards).
- Read and understand ALL OSHA (Occupational Safety and Health Administration) safety regulations before operating this unit.

Recognition



DIFFERENT TYPES OF ALERTS

DANGER:

Indicates an immediate dangerous situation, which, if not avoided, **will CAUSE** serious injury, death, or damage to equipment.

WARNING:

Indicates a situation of potential damage, which, if not avoided, **could** result in serious injury, death, or damage to equipment.

CAUTION:

Indicates a situation of potential damage, which, if not avoided, **could** result in moderate or minor injuries or damage to equipment.

SAFETY TIPS

- Carefully read and follow all safety messages in this manual and the safety signs on the unit.
- Keep safety signs in good condition and replace missing or damaged items.
- Learn how to operate the unit and how to use the controls correctly.
- It is NOT possible for anyone to operate the unit without proper training. This appliance is not intended to be used by children. **Children** should be supervised to ensure they do not play with the unit
- This device should not be used by persons (including children) with limited physical, mental or sensory abilities, or with a lack of knowledge and experience, unless they have received supervision or instruction.
- Keep the unit under proper working condition and do not allow unauthorized modifications to the unit.

QUALIFIED SERVICE PERSONNEL

WARNING:

Only trained and certified electrical, plumbing and refrigeration technicians can service the unit. **ALL WIRING AND PLUMBING MUST CONFORM TO NATIONAL AND LOCAL CODES. FAILURE TO COMPLY CAN RESULT IN SERIOUS INJURY, DEATH, OR DAMAGE TO EQUIPMENT.** IF THE POWER CORD IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER, ITS SERVICE TECHNICIAN OR SIMILARLY QUALIFIED PERSONNEL TO AVOID ANY DANGER.

SAFETY PRECAUTIONS

- This unit has been specifically designed to provide personal injury protection. To ensure continuous protection, note the following:
- Access to the service area is restricted to persons with knowledge and practical experience in the unit, in particular with regard to safety and hygiene.

WARNING:

Disconnect power from the unit before performing maintenance following user-established lockout/tagout procedures. Verify that the unit is completely turned off before performing any work. **FAILURE TO DISCONNECT POWER MAY RESULT IN SERIOUS INJURY, DEATH, OR DAMAGE TO EQUIPMENT.**

CAUTION:

Always be sure to keep the area around the unit clean and free of clutter. **FAILURE TO KEEP THIS AREA CLEAN CAN RESULT IN INJURY OR DAMAGE TO EQUIPMENT.**

CO₂ (D CARBON OXIDE) WARNING

DANGER:

CO₂ displaces oxygen. Strict **attention MUST** be paid to preventing CO₂ leakage in the entire CO₂ and soft drink system. If a CO₂ gas leak is suspected, particularly in a small area, **IMMEDIATELY** ventilate **the** contaminated area before attempting to repair the leak. Personnel exposed to high concentrations of CO₂ gas experience tremors followed rapidly by loss of consciousness and **DEATH.**






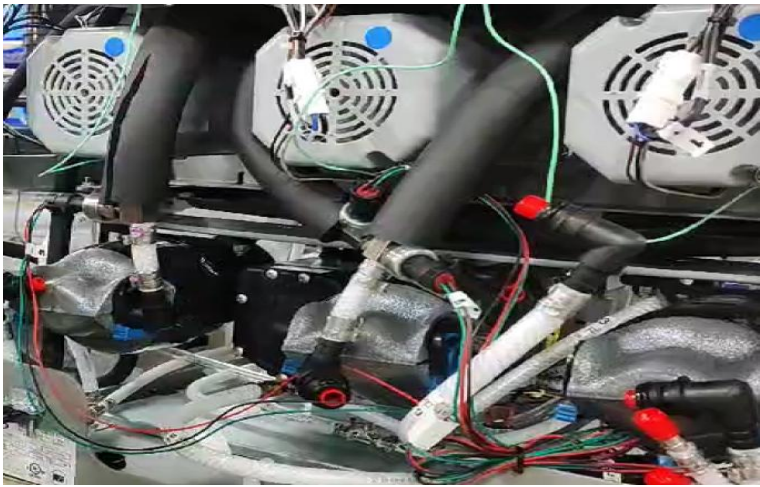

KIT COMPONENTS

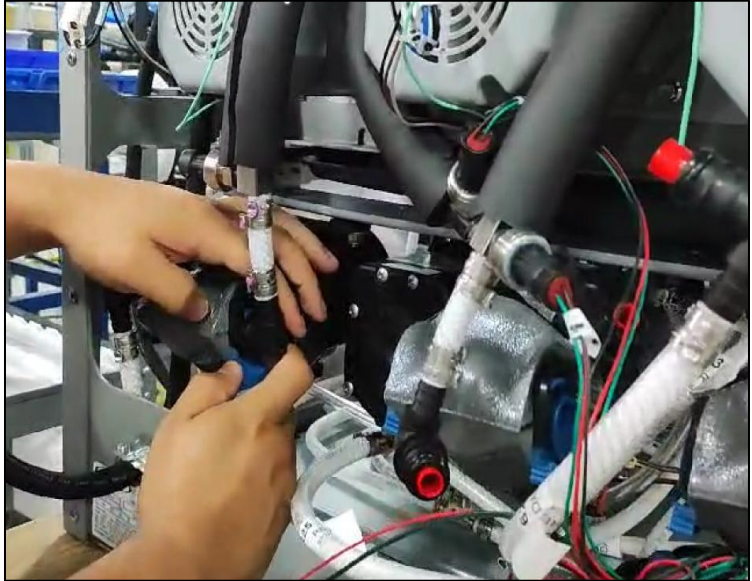

ITEM	NUMBER	NAME	QTY
1	740002879	KIT SENSOR PRESSURE TRANSDUCER 0-50	1
2	311908000	CLAMP OETR 445OPEN STPLS #11.3	1

Table 1.

KIT PRESSURE TRANSDUCER INSTALLATION PROCEDURE

Step	Action	Figure
1	Make sure the unit is fully charged and free of liquids such as syrup, water and CO2.	<p data-bbox="1036 405 1133 432">Figure 1.</p> 
2	Remove the rear panel with two Phillips screws to access the rear of the unit.	 <p data-bbox="1036 1528 1133 1556">Figure 2.</p>

<p>3</p>	<p>Locate the hoses that come out of the expansion tanks and go to the barrel. You will identify them because you will see the barrel pressure transducer sensor on them.</p>	<p>Figure 3a</p> 
<p>4</p>	<p>Remove the insulation that prevents freezing in the cannon's delivery lines. The hose is located inside it.</p>	
<p>5</p>	<p>Proceed to disassemble the transducer connector</p>	

<p>6</p>	<p>Proceed to remove the quick connector from the expansion tank</p>	 <p>Figure 5</p>
<p>7</p>	<p>Make sure to remove the insulation from the hose</p>	 <p>Figure 6</p>

8

Using cutting pliers, cut the hose as close to the fitting-Splicer .250"X.375" STL as possible.

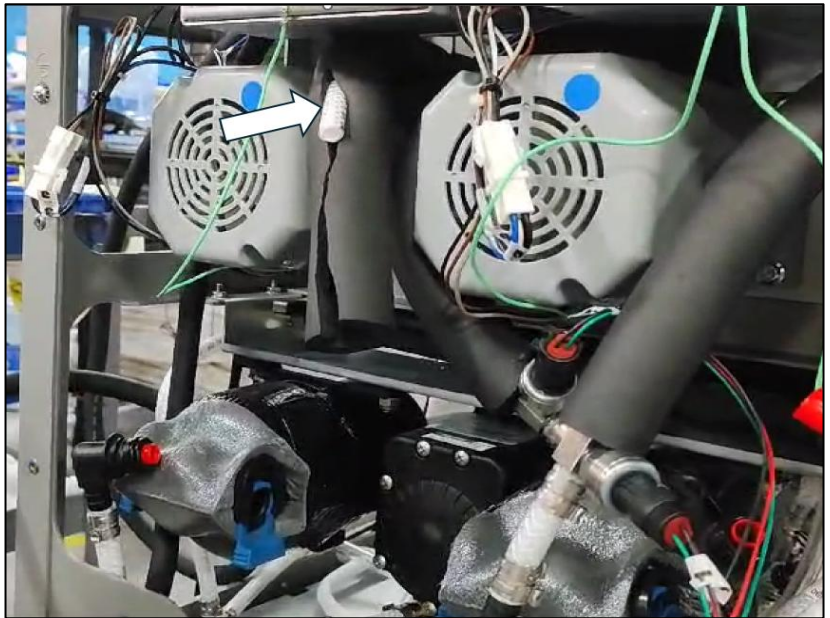


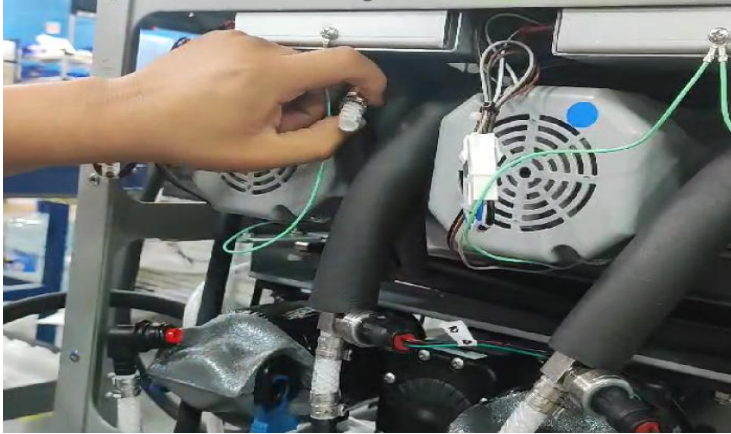


Figure 7

9

The hose will be as shown in the photograph.

Figure 8



10	Use 2 11.3mm clamps and place them on the hose that was just cut.	<p style="text-align: center;">Figure 9</p> 
11	Take the Transducer Kit and insert it into the hose ensuring the position of the elbow that enters the outlet of the expansion tank	 <p style="text-align: center;">Figure 10</p>
12	Secure the assembly by tightening the two clamps.	<p style="text-align: center;">Figure 11</p>  <p style="text-align: center;">e 11</p>

13

Once you secure the clamps, reconnect the parts to the electrical connector and the expansion tank outlet.



Figure 12

14

Make sure there are no product leaks and re-insulate the entire hose. This will help prevent freezing or condensation in the unit after installing the new transducer.



Figure 13



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