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INSTALLATION INSTRUCTIONS

WATER BOOSTER KIT 631500193

TO THE USERS OF THIS MANUAL

This manual is a guide for installing this equipment. This unit must be installed and serviced by qualified service person. This unit contains no user serviceable parts.

UNIT DESCRIPTION

The water booster is part of back room package and is installed either on top of the existing back room panel or on the wall next to the back room stand. The purpose of the unit is to boost the potable water through the filter system to maintain constant pressure throughout the beverage equipment in a restaurant. The water pump has a liquid check valve on its outlet to prevent the back flow of water. A pressure switch is used to regulate the water pressure throughout the system. A water booster tank is used to store water under pressure. A surge tank is also a storage for filtered water and to absorb water pressure spikes in the system.

UNPACKING

Unpack LOOSE–SHIPPED PARTS. Make sure items are present and in good condition.

Table 1. Loose-Shipped Parts

Item No.	Part No.	Name	Qty.
1	8871	Barbed Fitting	2
2	319681000	Clamp, Oetiker# 21.0	3
3	1992	End Cap, Square	2
4	1986	Connector Plastic	2
5	320940000	Screw #10	3
6	8865	Bracket, Front	1
7	631500193INS	Installation Sheet	1
8	560001440	Bracket, Wall Mount	2
9	8987	Wood Screw	6

IDENTIFICATION OF LOOSE SHIPPED PARTS

1. Barbed Fitting (item 1) used to replace the flare fittings on connections B and C of back room panel filters so that the 3/8” line can be inserted into the barbed fittings.

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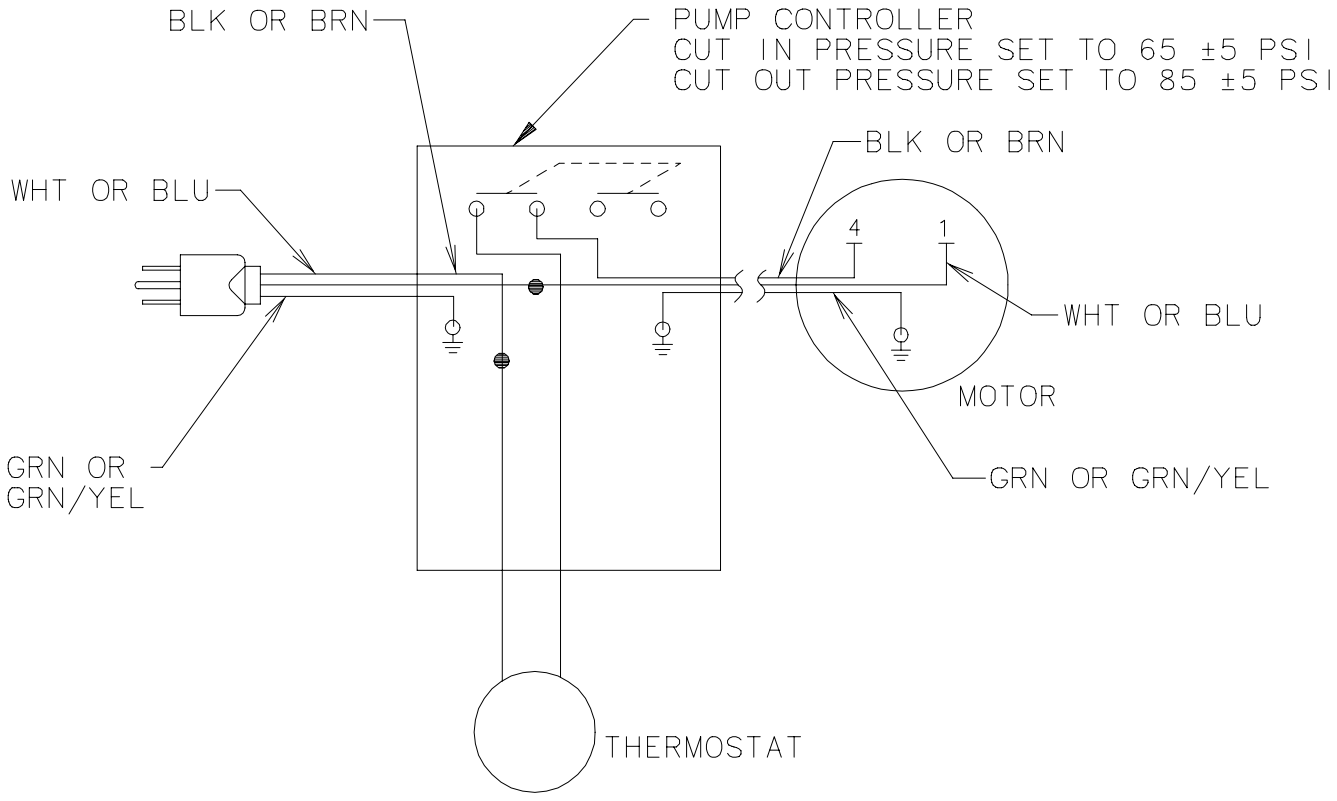
2. Oetiker Clamps (item 2) used to clamp the tubing onto barbed fittings on connections B and C.
3. Square end cap (item 3) used to seal the bottom of the frame if the unit is installed on the wall. Used for back room stand applications only.
4. Connector plastic (item 4) used to connect the unit onto the back room panel frame if the unit is installed onto the back room panel frame.
5. Screw #10 (item 5) used to attach front bracket (item 6) and the uprights of the unit onto the back room panel on both sides.
6. Front bracket (item 6) used to support the front part of the unit onto the back room panel.
7. Wall mount bracket (item 8) used to hang the unit on the wall, on back room stand applications only.
8. Wood screw (item 9) used to fasten the brackets (item 8) on the wall.

SELECTING LOCATION

CAUTION: This unit must not be installed or used outdoors where it will be exposed to the elements.

Locate the unit on the back room panel of on a wall along stand close to properly grounded electrical outlet with proper electrical requirements fused at 15–amps (slow–blow). For accessibility, the electrical outlet must not be located behind the unit.

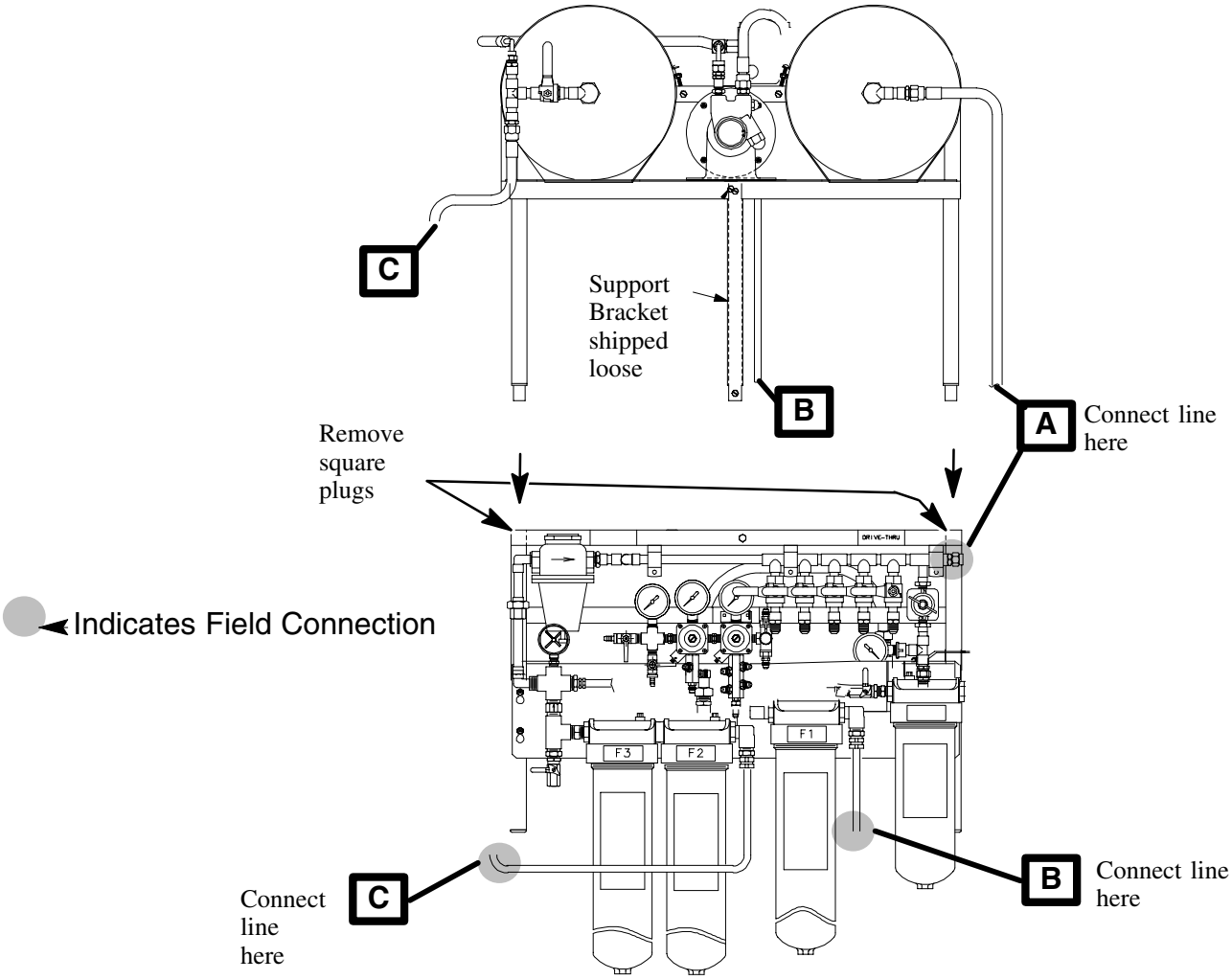
Locate the unit close to the back room stand so that the water pressure will not be affected by pressure drop thought the line. Water lines from back room panel or stand should be 3/8" I.D. (minimum), food-grade plastic.



WIRING DIAGRAM

Two methods of installation:

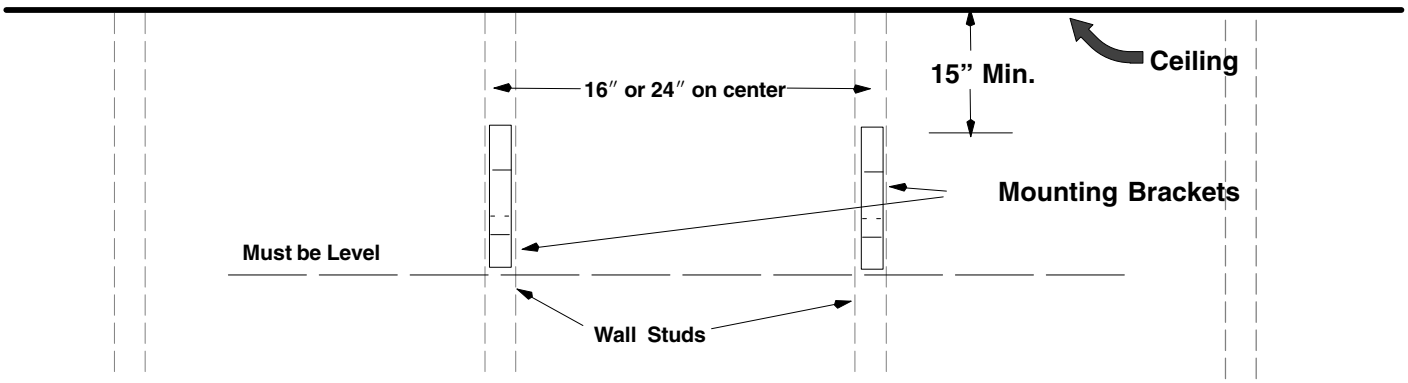
A: On Back Room Panel



B: On Wall

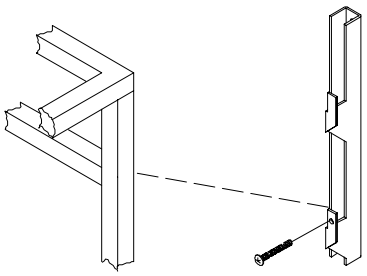
1.) Mounting Water Booster Brackets

The panel attaches to the wall with the two brackets (item 8) supplied. The bracket must be attached to wall studs with the 3” dry wall screws (item 9) provided. The width of the panel will accommodate wall stud spacing of 16 or 24 inches on center.

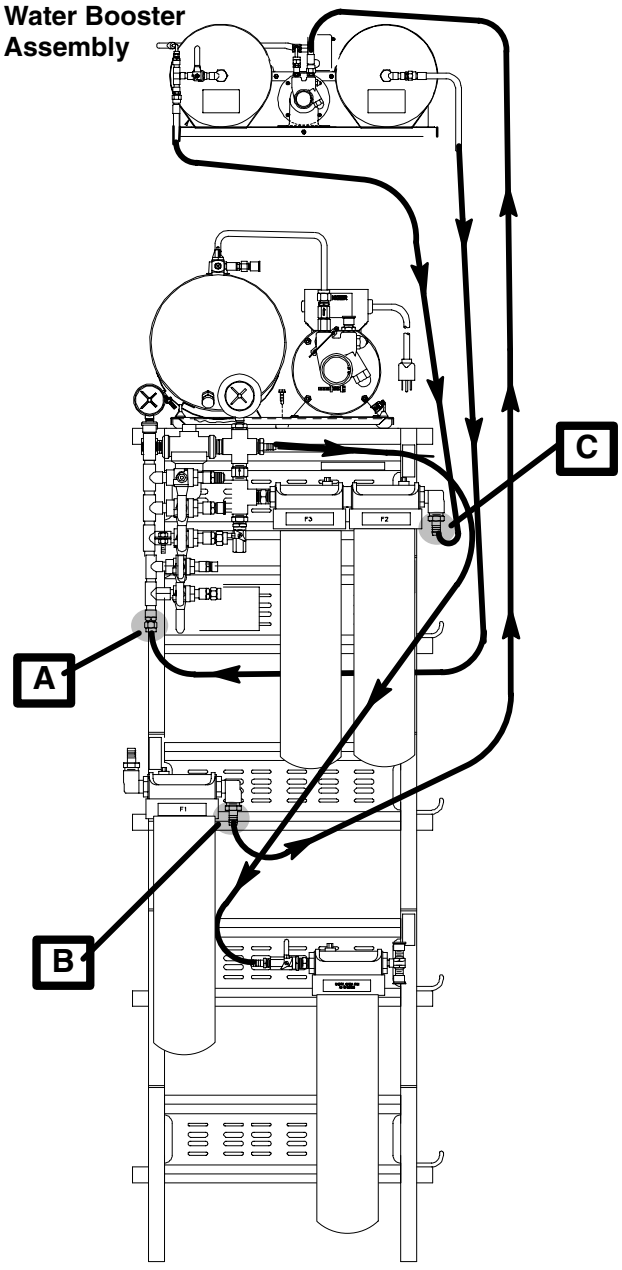


2.) Water Pressure Booster Placement

After brackets are mounted on the wall as shown, the shelf can be lifted into place. Lifting of the shelf will require 2 persons.



After the panel is in place drill a hole into the frame using the hole in the bracket as a guide. Secure shelf to the brackets. Only one screw is needed. Connect all lines as indicated in the Connection Diagram. Discard front bracket (item 6) as it is not needed. Insert end cap (item 4) onto the bottom of the uprights.



UNIT OPERATION

WARNING: The unit must be electrically grounded to avoid possible fatal electrical shock or serious injury to the operator. The unit power cord is equipped with a three prong plug. If a three hole (grounded) electrical outlet is not available, use a approved method to ground the unit.

1. Connect the electrical power to the unit. The water pump will start and fill the tanks and filter system with filtered water. The water pump will stop when the pressure is satisfied.
2. Check for water leaks and tighten any loose connections.