SIDEBAR®
BEVERAGE SYSTEMS

USER MANUAL & INSTALLATION GUIDE

6880 SERIES

MODEL# 6880-Q/H HORIZONTAL COUNTER TOP MOUNT

MODEL# 6880-Q/V VERTICAL WALL SURFACE MOUNT

Serving Drinks Worldwide Since 1979

www.sidebarbeverage.com

SIDEBAR
BEVERAGE SYSTEMS

6880 SERIES

Introduction and Planning

Welcome to SIDEBAR Beverage Systems!

This system is designed to provide years of trouble-free service when properly installed and maintained. Prior to your installation, please take a few minutes to completely read these instructions. Proper planning and attention to detail will produce the best results and enjoyment of this system.
No two installations are exactly the same, if you have specific questions about your installation, do not hesitate to contact us! Let's get started.

Identify Your Model and Plan Out Component Locations

'H' Model, HORIZONTAL Counter Top Mount: This model is installed on a horizontal surface, and uses an arched 'Gooseneck' spout, similar to a kitchen faucet.

'V' Model, VERTICAL Wall Surface Mount: This model is installed on a vertical surface, and uses an integrated low-profile spout.

Choose a location for the dispensing spout and keypad: Be sure to check for obstructions under or behind the install location. Roll-out drawers, electrical wiring, plumbing, duct work, etc., should be considered before making the final decision.

The plumbing lines and connections supplied to the keypad are less than 1 inch in diameter. These connections are flexible and can be routed behind walls, counter tops, cabinets, etc.

Choose a location for the pump system: The pump system must be installed below the spout & keypad, and above the top of the supply bottles. For best performance, keep the pump system as close to the bottles as possible. The distance from the pump to the bottles should not exceed 18 inches in vertical height.

The length of the suction lines are 36 inches. These lines will need to reach the bottom of each supply bottle without kinking or obstructing flow. Keep this in mind when planning the locations.

Identify a power source near the pump system: Depending on your installation, you will need a standard 110VAC outlet or access to 12VDC power (common for mobile or marine applications).

Installation Guide

KEYPAD INSTALLATION - 'H' MODEL ONLY

Use the mounting template for reference only! Confirm exact drilling locations with the actual keypad prior to drilling.

1. Referencing the mounting template, drill a 1 inch diameter hole for the spout shank and a 5/8 inch hole for the control cable.
2. Insert the black threaded spout shank through the 1 inch opening.
3. Feed the keypad control cable through the 5/8 inch opening.

Use caution to not damage or allow debris near the cable connector. When feeding through the hole or routing through walls, a small piece of electrical tape will help protect the connector, if necessary.

4. Place the keypad over the top of the threaded shank. The keypad should lay flat on the counter top surface, without force.
5. With the keypad in the appropriate location, secure the two 7/64" mounting screws. Use the shorter screw on the spout side of the keypad and secure to the mounting surface.

Confirm the keypad is 'square' with the counter top surface prior to securing the mounting screws. Use a framing square or triangle if necessary.

6. Tighten the underside of the threaded shank with the provided nut and washer. DO NOT over tighten, use light pressure to prevent damage.
7. At the topside of the shank, screw the spout escutcheon (cone shaped with logo) clockwise one-half turn. Leave this part loose in this step.

KEYPAD INSTALLATION - 'V' MODEL ONLY

Use the mounting template for reference only! Confirm exact drilling locations with the actual keypad prior to drilling.

1. Referencing the mounting template, drill a 1¼ inch diameter hole for the spout opening and a 5/8 inch hole for the control cable.
2. Feed the keypad control cable through the 5/8 inch opening and place the key pad on the mounting surface

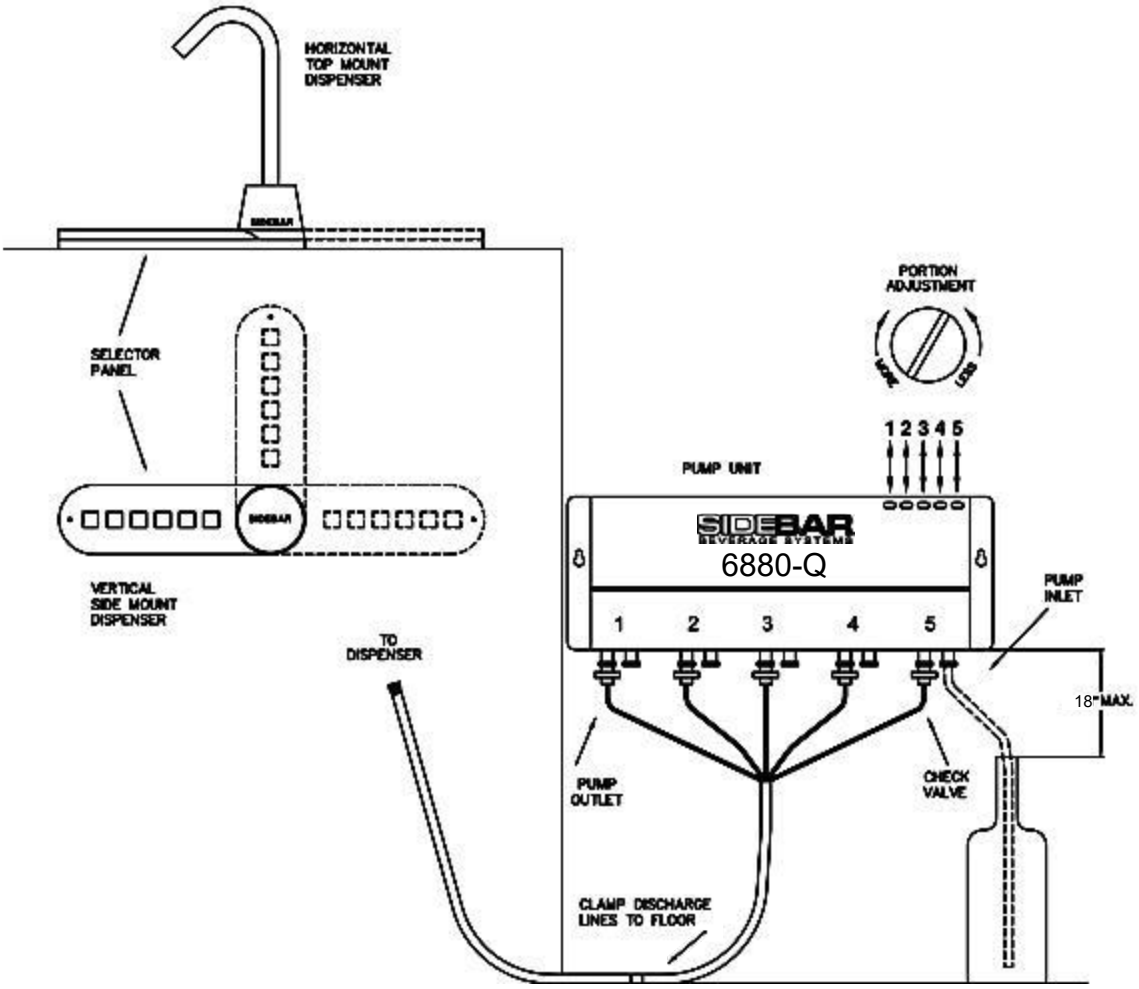
Use caution to not damage or allow debris near the cable connector. When feeding through the hole or routing through walls, a small piece of electrical tape will help protect the connector, if necessary.

3. With the keypad in the appropriate location, secure the two 7/64" mounting screws. Use the shorter screw on the spout side of the keypad and secure to the mounting surface.

PUMP SYSTEM INSTALLATION

The pump system is typically mounted inside of a base cabinet, storage closet, refrigeration unit or hidden compartment. It can be installed at any angle or any direction. It must be <u>below</u> the keypad, and <u>above</u> the supply bottles. This area should not be exposed to excessive moisture.
Plan out the length of suction lines and discharge lines before mounting the pump, see the diagram for reference.

1. Connect the 'quick-connect' fittings from the supply lines to pump system. These fittings are color coded, BLUE to BLUE & GREY to GREY. The fittings will 'click', confirming a proper connection. BLUE fittings are the suction side, GREY fittings are the discharge side.
2. Mark the location where the pump system will be mounted. Use the mounting tabs to mark and drill pilot holes as needed.
   Secure the pump housing with the provided stainless steel screws. The mounting tabs have a key-hole design, and will allow the head of the screw to pass through before fully tightening.
3. Route the discharge lines (longer lines with black conduit) up through the key pad opening.
   Leave plenty of excess line to temporarily work with. You may need to adjust or cut the black conduit to expose the 5 individual supply lines.



DISPENSING SPOUT CONNECTION - 'H' MODEL ONLY

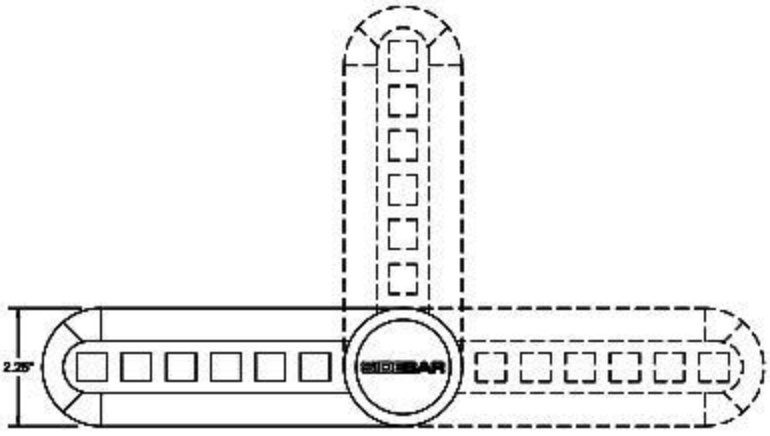
1. Insert the five (5) supply lines through the bottom of the gooseneck spout until they extend beyond the curved end. The lines should be routed through the keypad opening and shank before this step!

Hold the 5 lines tightly together and feed with a slight 'twisting' motion. If necessary, use a small amount of vegetable oil, or other food-safe lubricant to help feed the lines completely through the spout.

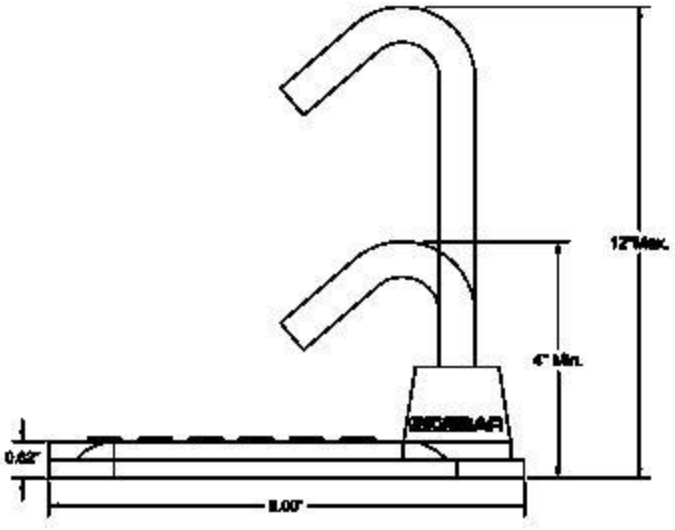
2. Insert the Gooseneck spout (with the lines fed through) into the spout shank and escutcheon. Position the spout at the desired height and angle. Hand-tighten the escutcheon until the spout is secure. DO NOT over tighten! Excessive force may crack the spout base.
3. Use a sharp knife or razor blade to trim the lines flush with the spout opening. Use your thumb or other object to slightly recess the lines into the spout opening. The lines should not be visible from eye-level.
4. Neatly coil any excess discharge line and secure with the provided clamps and stainless steel screws. It is NOT recommended to cut excess length from the supply lines.

DISPENSING SPOUT CONNECTION - 'V' MODEL ONLY

1. Insert the five (5) supply lines through the low profile spout cap until they extend beyond the spout opening. The lines should be routed through the keypad opening before this step!
2. Lock the spout cap in place by firmly pressing it on the keypad opening. The cap will 'click' and lock into place.
3. Use a sharp knife or razor blade to trim the lines flush with the spout opening. Use your thumb or other object to slightly recess the lines into the spout opening. The lines should not be visible from eye-level.
4. Neatly coil any excess discharge line and secure with the provided clamps and stainless steel screws. It is NOT recommended to cut excess length from the supply lines.



V MODEL



H MODEL

CABLE CONNECTIONS & WIRING

1. Connect the data cable from the keypad to the pump system. Verify the cable locks securely into place. You should hear a 'click' confirming the connection.

The release tab on the connector may need adjusted to securely lock into place. Bending the tab slightly away from the connector will insure a tight, secure connection.

2. Connect the orange power terminal to the pump system. There are 5 pins that must line up with the orange power terminal, visually inspect the pins and confirm the terminal will fit securely. Use firm pressure to make the connection.
3. Plug in the optional 110 volt AC Adapter or connect the 12VDC wires to a 12VDC power source.

The 12VDC power source must have a minimum of 5 amps. Less than 5 amps will result in poor performance.
SIDEBAR's electronic systems are REVERSE POLARITY PROTECTED and therefore impossible to connect the power incorrectly.

FINISHING STEPS & PREPARATION FOR USE

1. Press the power button on the keypad and confirm the LEDs on the keypad are lit.
2. Place all 5 suction lines into a tall bottle or pitcher of water.
3. Have a glass or cup ready to catch the water from the spout. One at a time, press and hold each keypad button. Water should flow steadily from the spout within 5-10 seconds.
4. Confirm everything is flowing properly, then connect the desired supply bottles to the suction lines. Press the corresponding button momentarily to purge any remaining water from the lines.
5. Adjust pre-measure settings. Five (5) small dials on the pump system will control the pre-measurement settings. Each button has its own dedicated dial. Turn fully counter-clockwise for the minimum, and adjust as needed to increase. This system works by pressing, and HOLDING the button on the key pad. The system will stop dispensing after 3 seconds (approx. 1.5oz) when set to the minimum. Release the button and the cycle will automatically reset.

Your SIDEBAR Beverage System is now ready for use.

Cheers!

WARNING

VERIFY TEMPLATE PRIOR TO DRILLING!

DOWNLOADED COPIES OR PHOTOCOPIES MAY BE INCONSISTENT AND RESULT IN INACCURACIES OF THIS TEMPLATE.

1 INCH X 1 INCH