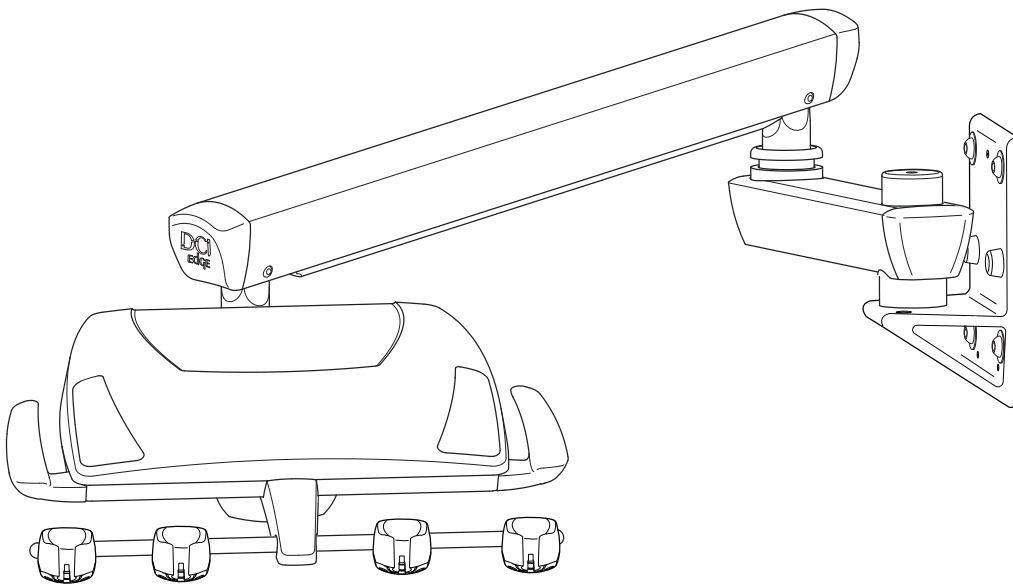
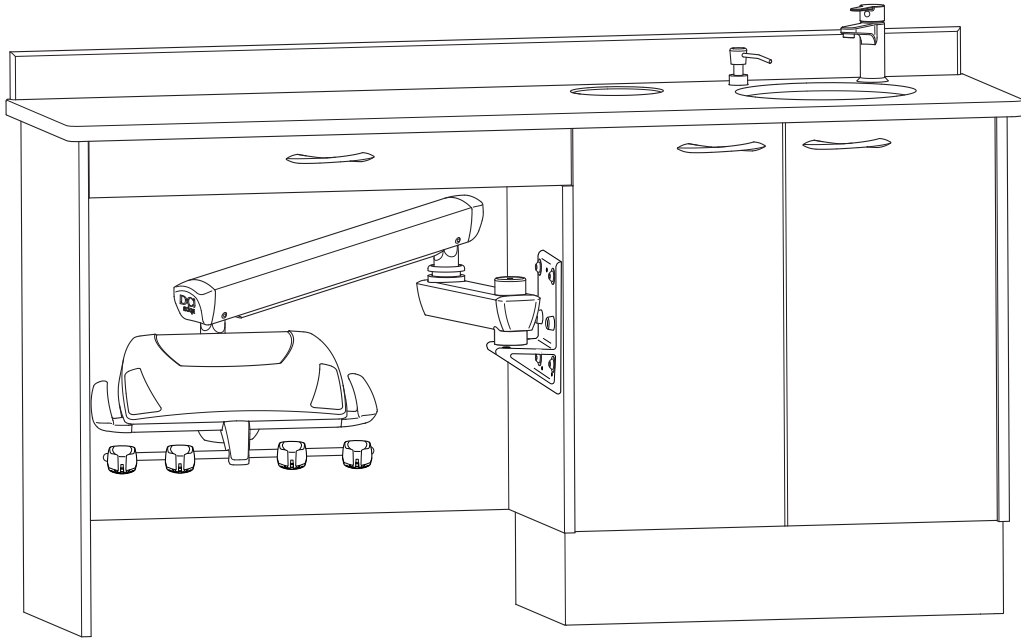


## **SERIES 5 SIDE DELIVERY SYSTEM ON A WALL OR CABINET MOUNT**

## OVERVIEW

### SIDE DELIVERY SYSTEM FOR CABINET OR WALL MOUNT DW5050, DW5550



# INTRODUCTION

## BEFORE YOU BEGIN

Review the unit overview in this manual and layout dimensions. Ensure that the planned location will have the necessary space available for installation, including the travel of the chair base and the backrest.

Open all containers and review the contents. It may be helpful to locate all kits containing components and accessories for installation.

Locate all documentation supplied with the equipment. Manuals and installation information may be found in one or more boxes with their respective components. Set aside the documentation for the end user to review.

If a complete equipment package will be installed, complete the chair setup first. Refer to the installation manual supplied with the chair for instructions.

In all configurations, the unit flex arm and the unit control head are shipped as a complete assembly. In some of the following instructions, only the flex arm or the control head may be shown for clarity.

## TABLE OF CONTENTS

Overview	2
Introduction	3
What's Included	4
Mount Installation	5
Connections and Adjustments	8
Utility Center Adjustments/ Syringe and Handpiece Flow	9
Mounting Template	10

## SYMBOLS USED IN THIS MANUAL

The following symbols may be used throughout this product manual:



**WARNING:** Failure to carefully follow the described procedure may result in damage to the equipment or the operator.



**CAUTION:** Failure to carefully follow the described procedure may result in damage to the equipment.



**NOTE:** Take note of additional important information. Not a warning or caution.

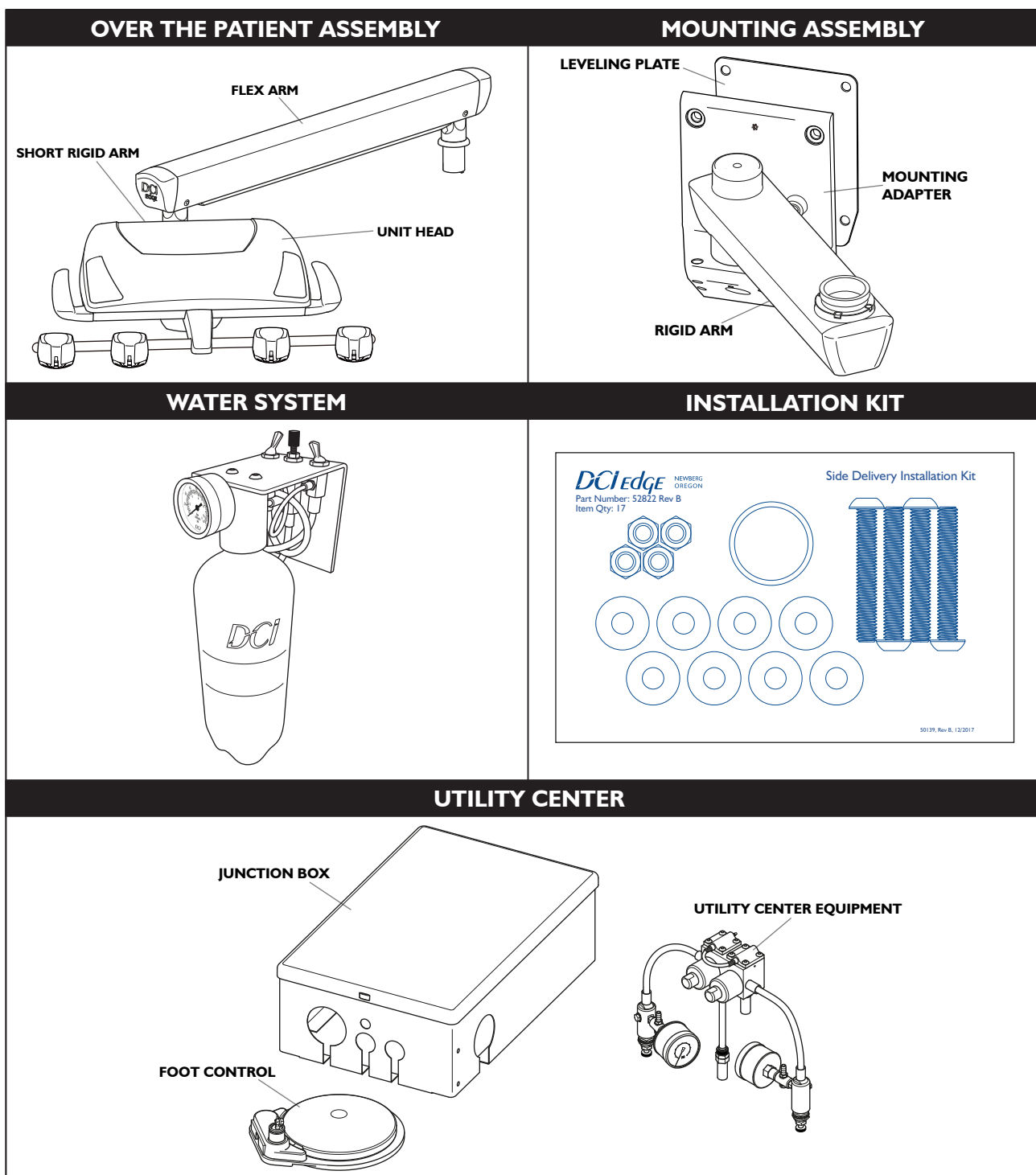


**ELECTRICAL HAZARD:** Risk of electrical shock present. Ensure that power is disconnected before attempting procedure.

## REGULATORY INFORMATION

Regulatory information is delivered with DCI Edge dental equipment as mandated by agency requirements and can be found in the accompanying Instructions for Use for this device.

## WHAT'S INCLUDED



## MOUNT INSTALLATION

### SUGGESTED TOOLS

- 9/16" combination wrench
- Power drill with 3/8" drill bit
- 7/32" hex key
- 1/8" hex key
- 3/32" hex key
- Scissors or utility knife
- Phillips screwdriver

### INCLUDED HARDWARE

- 4 Hex nuts, 3/8"-16
- 4 Screws, 3/8"-16 x 2-1/2"
- 8 Washers, Flat 3/8"
- 1 Washer, Spacer

## MOUNT INSTALLATION

### POST WALL/CABINET MOUNT ADAPTER INSTALLATION

- 1** With a power drill and  $\frac{3}{8}$ " drill bit, drill four holes on desired mounting surface. Use template provided on [Page 10](#) to determine drill hole locations.

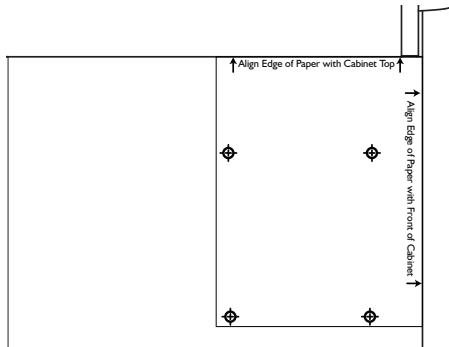


FIGURE 1

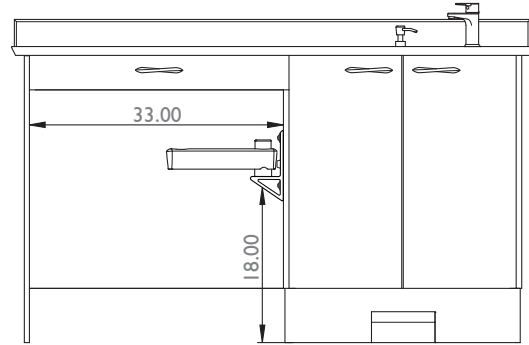
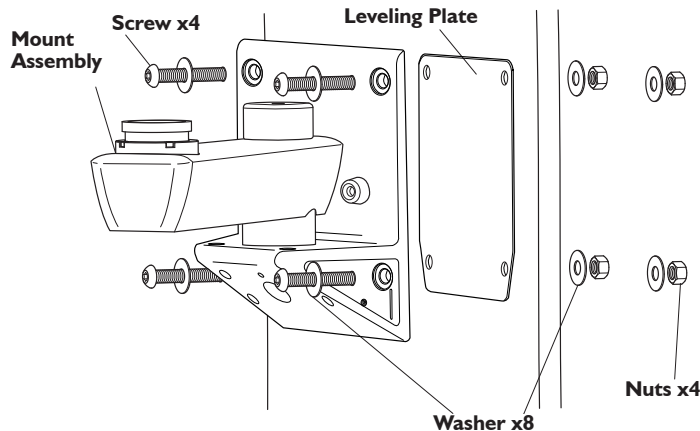


FIGURE 2

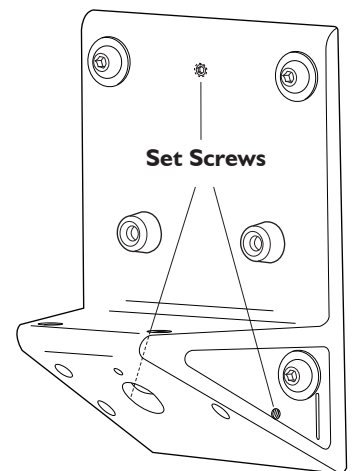
**NOTE:** Alignment provided by the template is only applicable to DCI Series 5 Side Delivery Cabinets. For all other cabinets and walls check minimum conditions provided in **Figure 2**.

- 2** With a  $\frac{7}{32}$ " hex key and a  $\frac{9}{16}$ " wrench, install the **Mounting Assembly** to cabinet or wall with the supplied mounting hardware found in the **Side Delivery Installation Kit**.



- 3** Adjust the mounting plate using by tightening or loosening the set screws using a  $\frac{1}{8}$ " hex key. Adjust the set screws on the mounting adapter until it is level.

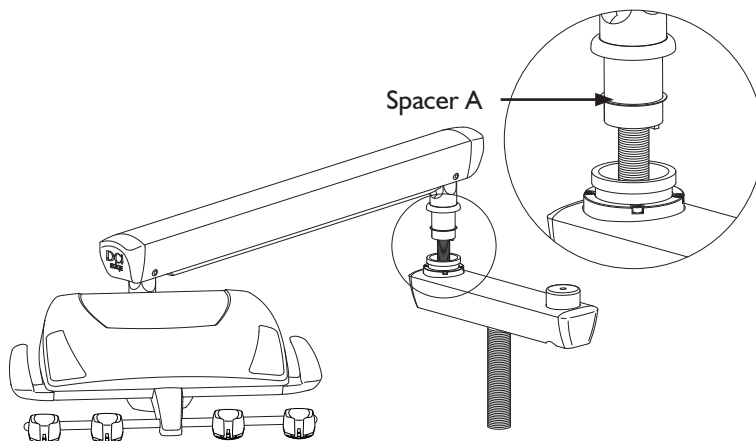
**NOTE:** Mounting screws should be loosened during leveling and re-tightened once mount is level.



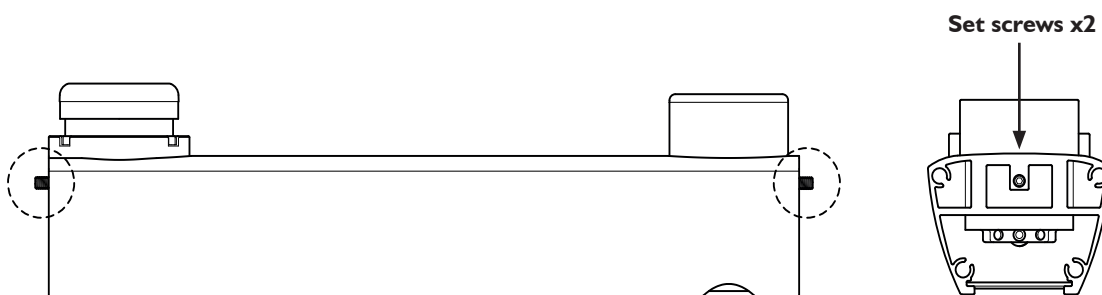
## MOUNT INSTALLATION

### SIDE DELIVERY SYSTEM INSTALLATION

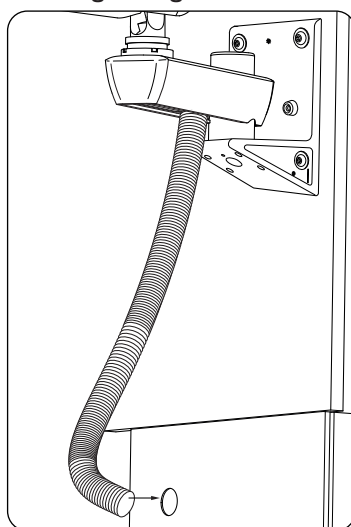
- 1 Remove **Spacer A** from installation kit and place on rear knuckle of flex arm. Then insert rear knuckle of **Flex Arm** into **Rigid Arm**. Route the **Umbilical** from the flex arm through the rigid arm.



- 2 Remove **End Caps** on **Rigid Arm**. Adjust set screws at both ends of the Rigid Arm using a 3/32" hex key to very rotational tension.



- 3 Route the umbilical and foot control tubing through the cabinet for utility center installation.



## CONNECTIONS AND ADJUSTMENTS

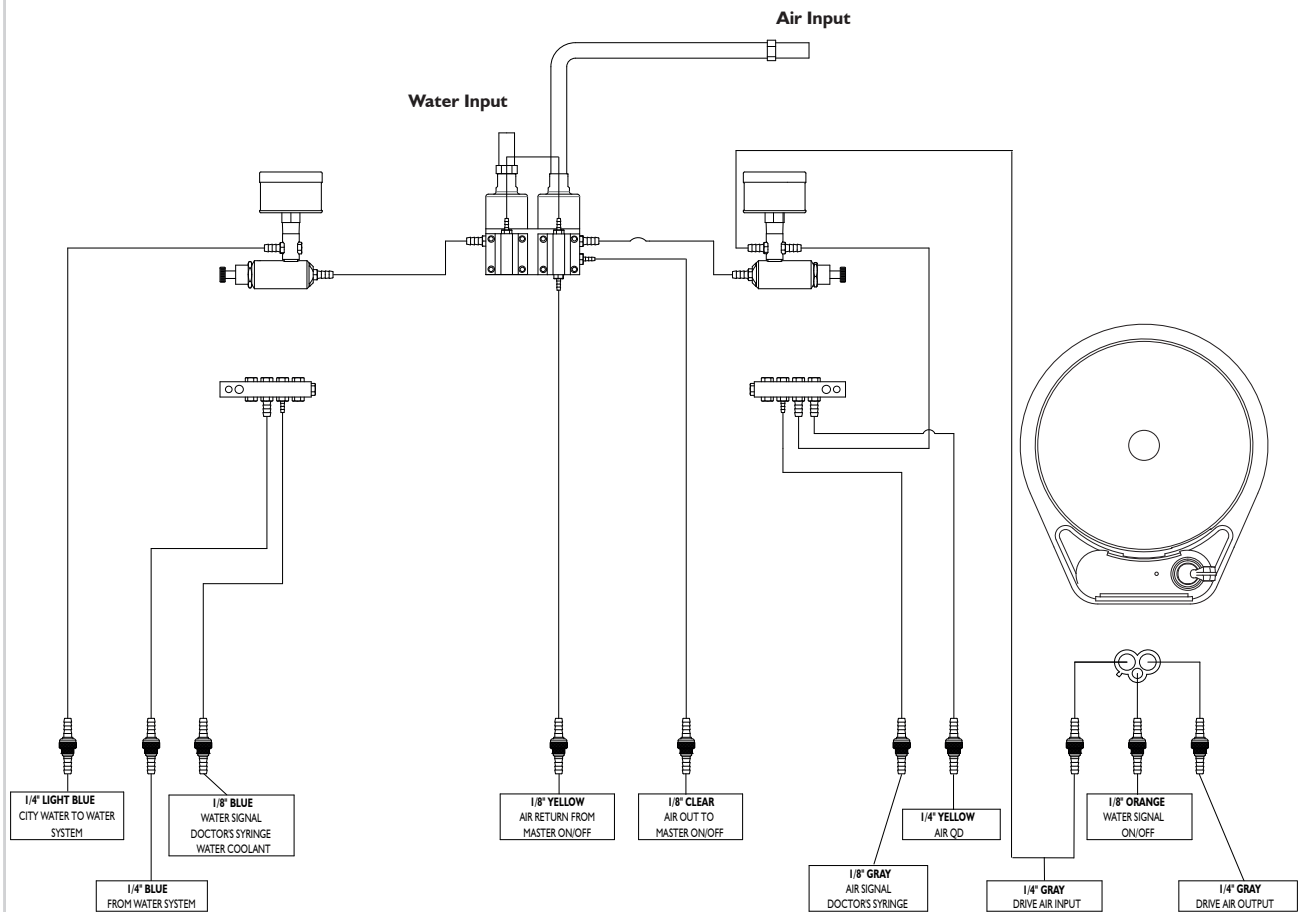
### CONNECTING UTILITIES

- 1** Connect the shut-offs to the compressed air and water supply valves.

**NOTE:**

- The Yellow side is for air.
- The air and water lines must be flushed prior to connection to the shut-offs.

- 2** Connect the umbilical tubings to the appropriate connection points, including foot control rheostat, with supplied In-Lines and Sleeves.





## UTILITY CENTER ADJUSTMENTS/ SYRINGE AND HANDPIECE FLOW

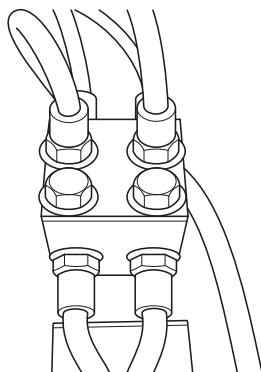
### UTILITY CENTER ADJUSTMENTS

- 1 The air and water floor regulators with shut-offs are factory preset at 40 psi for city water and 80 psi for air.
- 2 The air and water floor regulators are controlled by the master switch on the unit to activate and shut off. Be sure the switch is "ON" when adjusting regulators.
- 3 Locate the adjustment screw on the end of the regulator. Tightening will increase pressure and loosening will decrease. If loosening you will need to "bleed" off the line pressure via the syringe.
- 4 Replace cover.

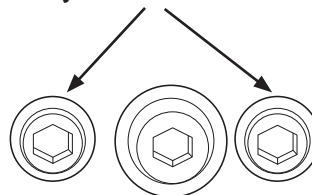
### SYRINGE AND HANDPIECE FLOW

- 1 Locate the syringe block and adjust the flow with the two adjustment screws (accessed under the unit head) to the desired rate.

SYRINGE CONTROL BLOCK



ADJUSTMENT SCREWS



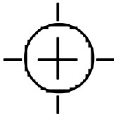
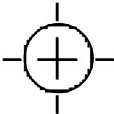
- 2 Locate the handpiece block and adjust each corresponding handpiece limit with the adjustment screw on top based on handpiece manufacturer recommendations.

### MAKING ADJUSTMENTS

See the **ADJUSTMENTS** section near the end of the Instructions For Use for the Series 5 Side Delivery System to complete the installation. Be sure to check and make any needed adjustments to items in that section.

**MOUNTING TEMPLATE**

↑ **Align Edge of Paper with Cabinet Top** ↑



↓ **Align Edge of Paper with Front of Cabinet** ↓

