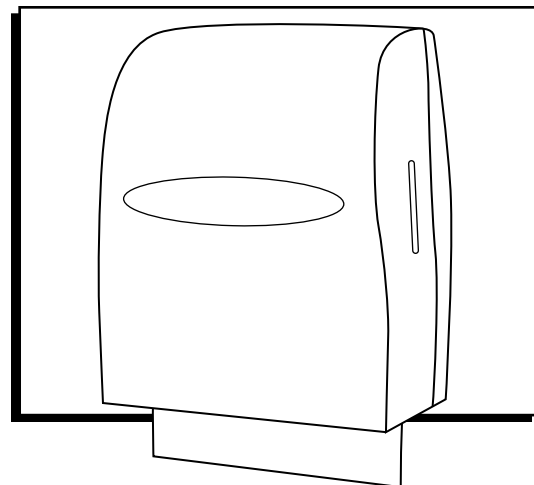


ULINE H-3448

AUTOMATIC PAPER TOWEL DISPENSER

1-800-295-5510
uline.com



OPERATION

MOUNTING

Mount dispenser securely on wall with supplied hardware. Bottom edge should be approximately 52 inches above the floor.

OPENING THE COVER

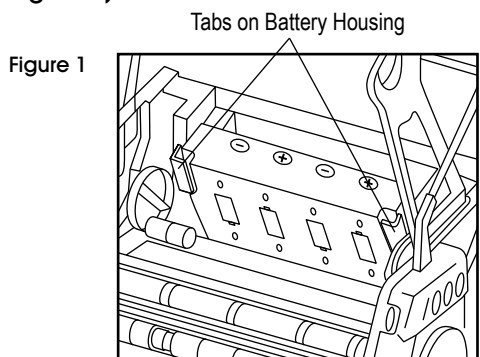
Key is taped to back of dispenser.

1. Insert forked end of key into two slots at top of cover.
2. Push down on key and pull forward on cover.

 **Note:** Opening the cover removes battery power from control circuit.

LOADING BATTERIES

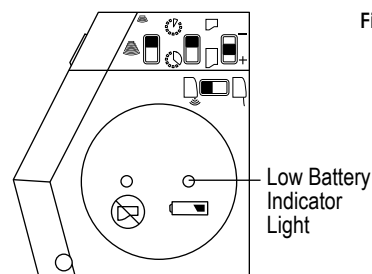
1. Open cover. Squeeze tabs on battery housing inward then rotate housing forward and down. (See Figure 1)



2. Insert four "D"-size alkaline batteries with "LR20" designation. (Battery orientation is embossed on compartment.)

 **Note:** We do not recommend using rechargeable "D"-size batteries.

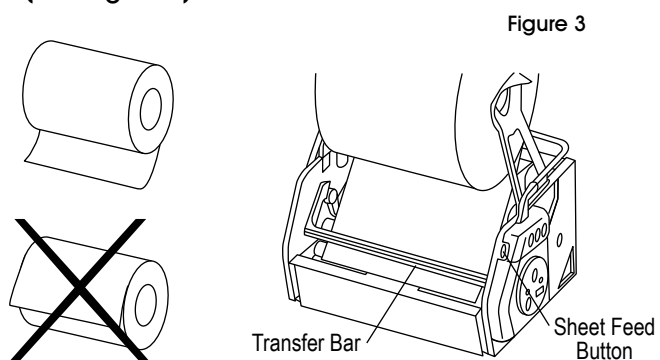
3. Red LED will flash while system initializes.
4. When battery power is low, Low Battery Indicator Light will turn on. (See Figure 2)



LOADING PAPER ROLL

Loading the dispenser without a stub roll.

1. Open cover and load paper roll with paper "tail" unwinding from back of roll. Place paper "tail" under transfer bar arm.
2. Press the sheet feed button. Firmly close dispenser. Unit initially dispenses at factory-set control settings. (See Figure 3)



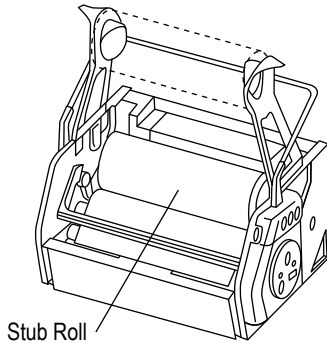
OPERATION CONTINUED

LOADING PAPER ROLL

Loading the dispenser with a stub roll.

1. When the main roll is approximately 2.6" in diameter (60') the stub roll light will come on. At that time and without disengaging the paper sheet, move the stub roll to the lower roll holders. (See Figure 4)

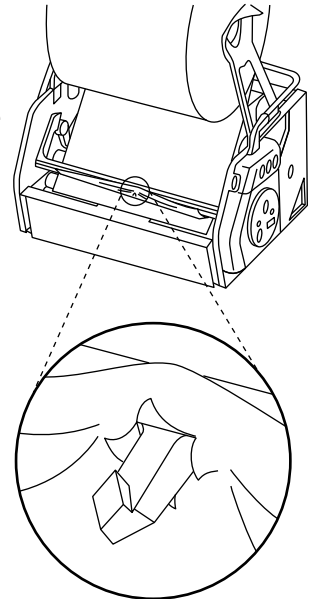
Figure 4



2. Load the new towel roll into the upper roll holders so that the paper feeds down from the back.
3. Lift the transfer bar.

4. Place the leading edge of the paper under the transfer bar and on top of the existing paper sheet. Release the transfer bar.
5. Wrap the leading edge of the paper up and around the transfer bar and puncture the paper with the transfer tab so that the paper is held in place. (See Figure 5)
6. Leave some slack in the main roll to ensure proper transfer.
7. Firmly close dispenser.
8. The stub roll will continue to dispense paper until the last 15 feet, at which time the main roll will begin to feed. During this transition both rolls will feed paper until the stub roll is empty.

Figure 5



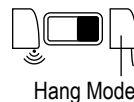
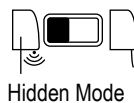
Detail of Transfer Tab

OPERATION AND FEATURES

SELECTING AN OPERATING MODE

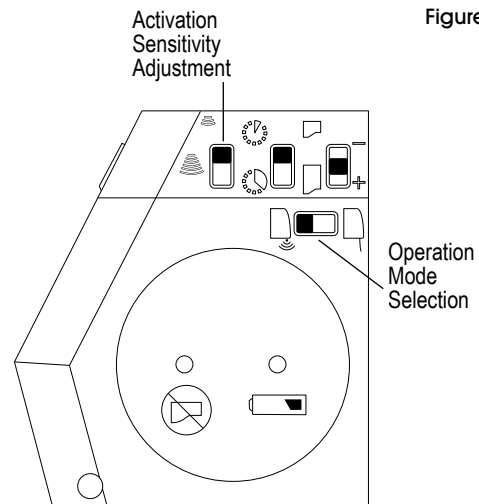
The dispenser is designed to function in either "Hidden" or "Hang" mode. (See Figure 6)

1. To Select "Hidden" mode, slide the switch to the Hidden Mode icon. In this mode, a sheet will be dispensed when a hand is detected under the dispenser.
2. To select "Hang" mode, slide the switch to the Hang Mode icon. In this mode, a sheet is already hanging out of the dispenser. Each time the sheet is torn, another will automatically dispense.



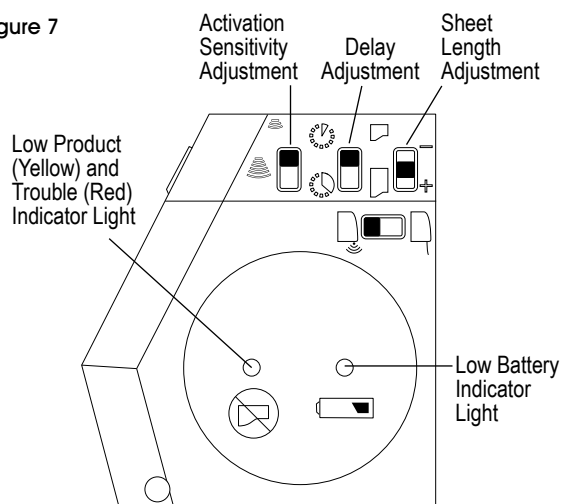
NOTE: It is recommended that the activation sensitivity switch be set to High (switch fully down) when in "Hang" mode, unless the installation is over a counter or trash receptacle. For installation over counters, trash receptacles, etc., the activation sensitivity switch must be set on the Low (switch fully up) position.

Figure 6



OPERATION AND FEATURES CONTINUED

Figure 7



ADJUSTING THE ACTIVATION SENSITIVITY

To adjust the activation sensitivity set the Activation Sensitivity Adjustment switch as desired. (See Figure 7 and Adjustment Settings chart)

ADJUSTING THE DELAY BETWEEN DISPENSES

To adjust the length of time between dispenses, set the Delay Adjustment switch to 0.5, 1 or 1.5 seconds as desired. (See Figure 7 and Adjustment Settings chart)

ADJUSTING THE SHEET LENGTH

To adjust the length of sheets that are dispensed, set the Sheet Length Adjustment switch to short, medium or long as desired. (See Figure 7 and Adjustment Settings chart)

ADJUSTMENT SETTINGS			
Switch Position	Top	Middle	Bottom
Activation Sensitivity	Low	Medium	High
Delay	0.5 seconds	1 second	1.5 seconds
Sheet Length	8 inches	11 inches	14 inches

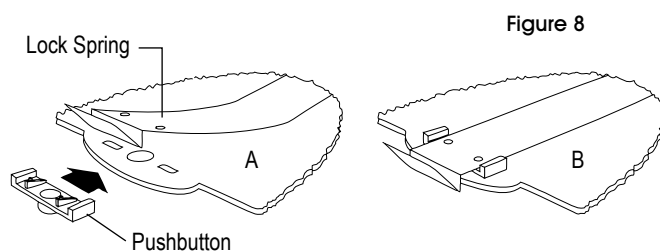
INDICATOR LIGHTS

1. The Low Battery Indicator Light will begin to blink yellow and red intermittently when the battery life is getting low. (See Figure 7) The light will remain on when the batteries need replacement.
2. The Low Product Indicator Light will blink yellow when the product roll can be moved to the stub roll position. (See Figure 7) The indicator light will blink red twice and then pause when the unit has been used incorrectly or has malfunctioned or needs to be checked for a paper jam. Unit may be reset by opening and closing the housing cover. The indicator light blinks green for 1/4 second when a proper towel tear has occurred (only for the 1st 25 sheets after initial power-up).

OPTIONAL FEATURES

PUSHBUTTON LOCK FEATURE

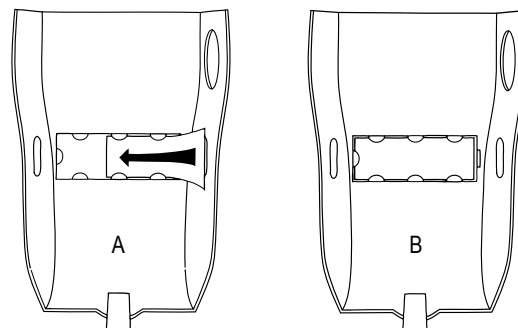
1. To install pushbutton remove decorative hole plug if one is installed.
2. Remove pushbutton from back of dispenser.
3. Raise end of lock spring. Do not overstress spring. (See Figure 8A)
4. Slide pushbutton under lock spring. Insert button through hole in door. (See Figure 8B)



DECORATION STRIP INSTALLATION - WINDOWS

1. Open cover and insert decorator strip. (See Figure 9A)
2. Slide decorator strip into place. (See Figure 9B)
3. Close cover firmly and lock.

Figure 9



TROUBLESHOOTING

OPERATING ISSUE	CAUSES	RECOMMENDATIONS
Unit will not dispense.	<p>Cover is not closed and secured.</p> <p>LED light for batteries is flashing yellow and red intermittently or showing red.</p> <p>Paper is not loaded properly.</p>	<p>Ensure cover is closed and securely latched.</p> <p>Check LED light for battery replacement signal. Make sure batteries are installed and oriented properly.</p> <p>Remove and re-install batteries.</p> <p>Confirm that paper is loaded properly and roll turns freely. Check paper path for obstructions.</p>