

# KAP K-Z Control Unit – Quick Reference Guide

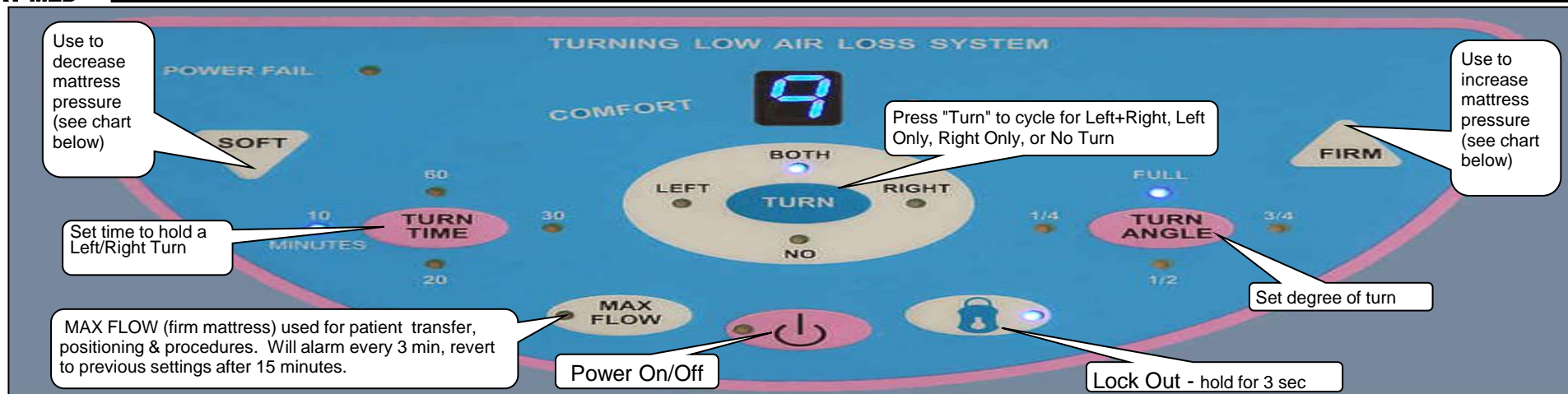
## Low Air Loss & Rotational Mattress

v.11.4.11

866 STAT-MED

Non-Bariatric width: 36 inch Maximum Patient Wt: 300lbs

Bariatric Mattress widths: 42 inch & 48 inch. Maximum Patient Wt: 1000lbs



Pt Weight (lbs)	53-87	88-122	123-157	158-192	193-227	228-262	263-297	298-332	333-1000
Initial Comfort Level	1	2	3	4	5	6	7	8	9

Use weight guide as reference only - patient should be immersed 40% into the mattress. Final setting should be confirmed by hand check.

**Remarks** There should be a minimum of 3-4 fingers clearance between the patient and foam base directly under the sacral region of the patient's body. Keep patient centered (midline) on the mattress. Do not allow patient to rest or sit near the edge of the mattress.

### SETUP GUIDE

- 1 Remove any existing mattress from bed frame. Set up Mattress only on beds with side rails, never leave patient alone when side rails are down.
- 2 Un-roll mattress with hose at foot end, then fasten all 10 straps to upper bed frame - be sure to attach to articulating head and foot patient surfaces.
- 3 Using hangers on back panel place Control Unit on foot board with unobstructed air filter inlet and attach air hoses.
- 4 Turn on Control Unit and press "Max Flow" button to quickly inflate mattress (approx 30-50 seconds).
- 5 Cycle bed through full range of motion, check power cord, hoses, and mattress straps for pinch points or binding.
- 6 Zero out scale and fill out scale card. Secure brakes before patient transfer.
- 7 Use "Max Flow" to ease patient transfer from stretcher on to mattress, center patient on mattress.
- 8 Press "Soft" or "Firm" to set desired pressure. Patient should be immersed 40% in mattress. (see above weight chart for approx settings).
- 9 Set desired "Turn" for: Both Sides, Left Side Only, Right Side Only, or No Turn. A light will indicate "Both", "Left", or "Right".
- 10 Set "Turn Angle" for 1/4, 1/2, 3/4, or Full Turn for the desired degree of turn.. Note: Head up angle must be below 30 degrees for effective rotation.
- 11 Set "Turn Time" for 10, 20, 30, or 60 minutes. During the 5 minute dwell period (patient flat) a "d" will be displayed on the Comfort Level Screen. The Turn Time indicates the length of time the patient will be held at the Left & Right Positions.

### CAUTION

#### **SIDE RAILS MUST BE UP WHEN USING ROTATION!**

Side bolsters are designed to cushion, not replace, the siderails. Never turn patient or leave the patient alone when side rails are down.

### NOTES

- 1 MAX FLOW is used for transfer & patient positioning, unit will beep alarm every 3 minutes then after 15 minutes defaults to prior settings.
- 2 LOCKOUT – Hold key for 3-5 seconds to change lockout status.
- 3 CPR – Disconnect air hoses to flatten mattress (20 seconds). Disconnect side bolster plug (small hose @ patient right foot) to speed side bolster deflation.
- 4 If amber power light is not lit – ensure power cord is fully plugged in at both ends, check outlet for power.
- 5 Mattress not inflating – check air output, side bolster plug, manifold for kinks, major leaks in air cells.
- 6 Alarm will sound when loss of power or air pressure is sensed. When power is restored system re-initiates to last known settings.
- 7 Turn power off & remove side bolster plug (small hose @ patient right foot) to deflate mattress for patient ingress/egress to/from a standing position.
- 8 Systems cycles on and off – Unplug, then check & clean filter, replace unit if cycling continues.
- 9 Alternating flashing of "L" & "P" indicates low pressure alarm – Ensure hoses are connected to blower and air bladders are connected to tubing.