What To Check During System Operation

- **Verifying Suction Operation Via The Suction Monitor Bellows**
The bellows located in the suction monitor will expand only when suction is operating. The monitor bellows will not expand when suction is not operating or disconnected. The calibrated ▲ mark allows quick and easy confirmation of vacuum operation over a wide range of continuously adjustable suction control settings.

- **Changing Suction Pressures**
Suction regulator is preset to -20cmH2O and can be adjusted continuously over a wide range of suction pressures. To lower regulator setting from a higher level (-40cmH2O) to a lower level (-20cmH2O), adjust rotary suction regulator dial located on the side of the drain. Dial down to lower suction pressure and dial up to increase suction pressure.

- **Manual High Negativity Vent**
To manually vent the system of high negative pressure, depress the filtered manual vent located on top of the drain. Do not use manual vent when suction is not operating or when the patient is on gravity drainage.

- **Automatic High Negativity Relief**
The Express incorporates an advanced automatic high negativity relief valve. This filtered valve activates automatically to limit system pressure to approximately -50cmH2O.

- **Placement Of Unit**
Always place chest drain below the patient’s chest in an upright position. To avoid accidental knockover hang the system bedside to-read fluid level graduations. Please refer to individual product inserts for specific model calibrations.

Frequently Asked Questions

**Q**: What should I do if the chest drain gets knocked over?
**A**: We recommend that the drain be placed back into the upright position, however it will continue operating if knocked over.

**Q**: Is it required to fill the air leak monitor?
**A**: The air leak monitor should be filled for confirmation and detection of air leaks.

**Q**: What does it mean when the vacuum indicator is visible?
**A**: The ▲ indicates that there is vacuum present in the system (negative pressure, i.e. -20cmH2O).

**Q**: When will I see a rise in the air leak monitor column?
**A**: A rise in the air leak monitor column will only be seen if there is an increase in negative pressure on the patient side. When changing suction pressure from a higher to lower level, depress the manual high negativity vent to reduce excess vacuum to the lower prescribed level.

**Q**: Have a question or need help in a hurry? Call Atrium toll free at 1-800-528-7486.
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**A**: Asia Pacific: +61-2-9960-0169