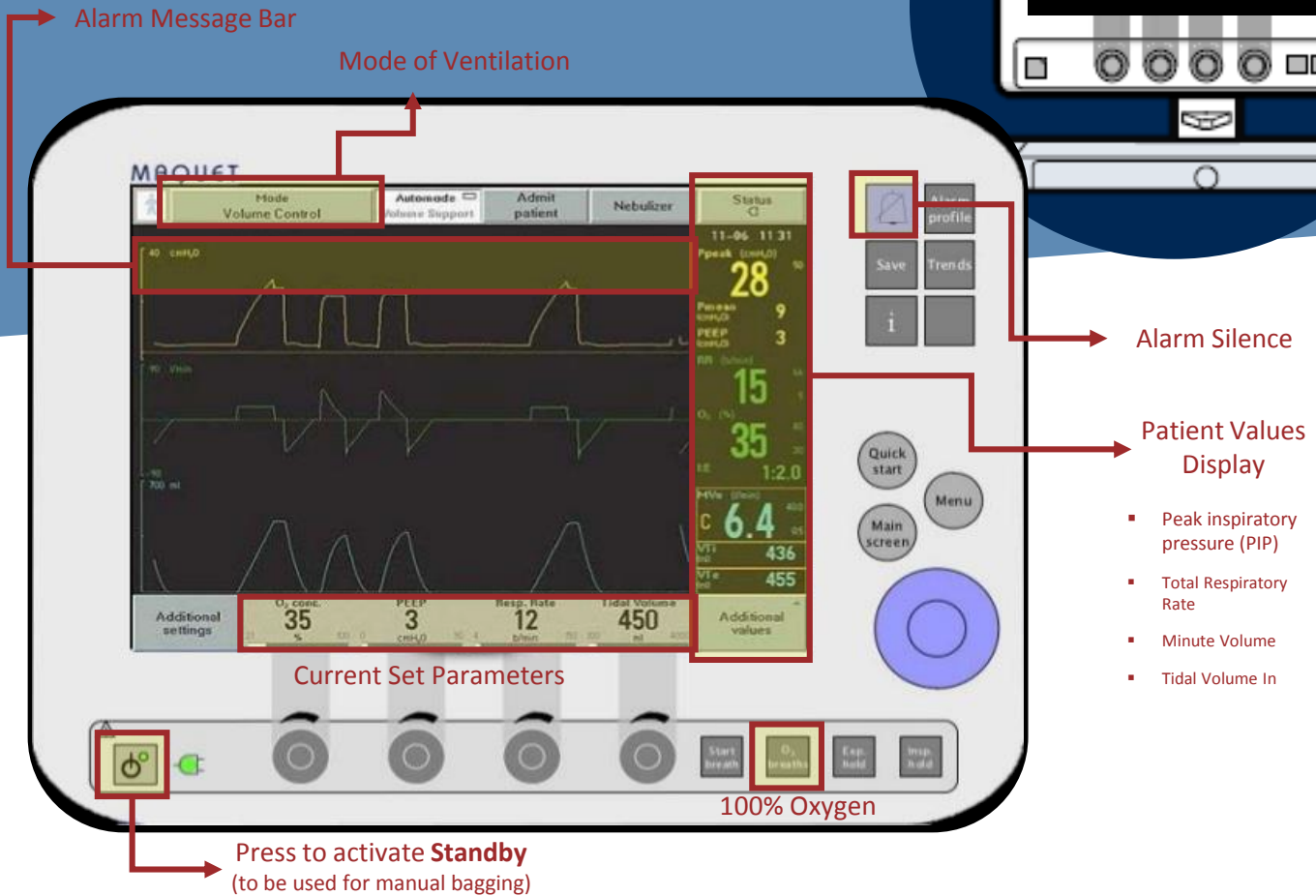


# SERVO-I CRITICAL CARE VENTILATOR

## QUICK REFERENCE GUIDE FOR HEALTHCARE PROFESSIONALS



## TROUBLESHOOTING ALARMS



### Silence and pre-silence alarm

Press the Audio pause key to silence x 2 min or tap key when no alarms are active to pre-silence alarms

1. Identify the alarm (audible/visual indicator + alarm message bar)
2. Press 'Alarm Silence' while troubleshooting
3. Use the 100% O<sub>2</sub> button if necessary
4. Attempt to determine the cause of the alarm (start at patient → circuit → ventilator)
5. Attempt to correct the alarm condition
6. If unable to correct:
  - A. Activate standby
  - B. Manually bag patient via ETT & Call RT



### Call RT

(non-emergent issues)



### TEXT PAGER

1. Select *PHONE* icon to open
2. Type in RT or Respiratory Therapist & scroll to find your work area
3. Select the person you want to page
4. Click on 'Send a Page' to populate the message field

### PAGE BY PHONE

1. Call Paging (or dial 87) and enter the RT pager number associated with the unit
2. Enter a priority level (\*), then press # to confirm

## Non-Invasive and Invasive Mechanical Ventilation

NON-INVASIVE VENTILATION	OTHER NAME	TYPE OF SUPPORT	WHAT IS SET			VARIABLES / NOTES
			RATE	FIO <sub>2</sub>	PEEP	
Bi-Level Positive Airway Pressure	Bi-PAP <sup>®</sup>	Spontaneous Breathing	NO	YES	IPAP EPAP	<ul style="list-style-type: none"> <li>• IPAP: Helps with CO<sub>2</sub> removal; EPAP: Oxygenation</li> <li>• Patient is awake; stable, intact respiratory drive</li> </ul>

INVASIVE VENTILATION	OTHER NAME	TYPE OF SUPPORT	WHAT IS SET			VARIABLES / NOTES
			RATE	FIO <sub>2</sub>	PEEP	
Assist Control (Volume)	AC, VC	Full	YES	YES	YES	<ul style="list-style-type: none"> <li>• Guaranteed tidal volume (V<sub>t</sub>)</li> <li>• Trend pressures</li> </ul>
Assist Control (Pressure)	PC	Full	YES	YES	YES	<ul style="list-style-type: none"> <li>• Peak pressure limit (PIP) set</li> <li>• Trend volumes</li> </ul>
Airway Pressure Release Ventilation	APRV (Bi-Level)	Full	YES	YES	YES	<ul style="list-style-type: none"> <li>• Two levels of pressure: P-high, P-low</li> <li>• Two time intervals: T-high, T-low</li> <li>• Inhalation: High pressure, long time; exhalation: low pressure, short time</li> </ul>
Pressure Regulated Volume Control	PRVC	Full	YES	YES	YES	<ul style="list-style-type: none"> <li>• Delivers set tidal volume with lowest amount of pressure</li> </ul>
Pressure Support Ventilation	PSV	Spontaneous Breathing	NO	YES	YES	<ul style="list-style-type: none"> <li>• Patient determines own rate and tidal volume (V<sub>t</sub>)</li> <li>• NO set respiratory rate; may need to switch mode if apnea occurs</li> </ul>