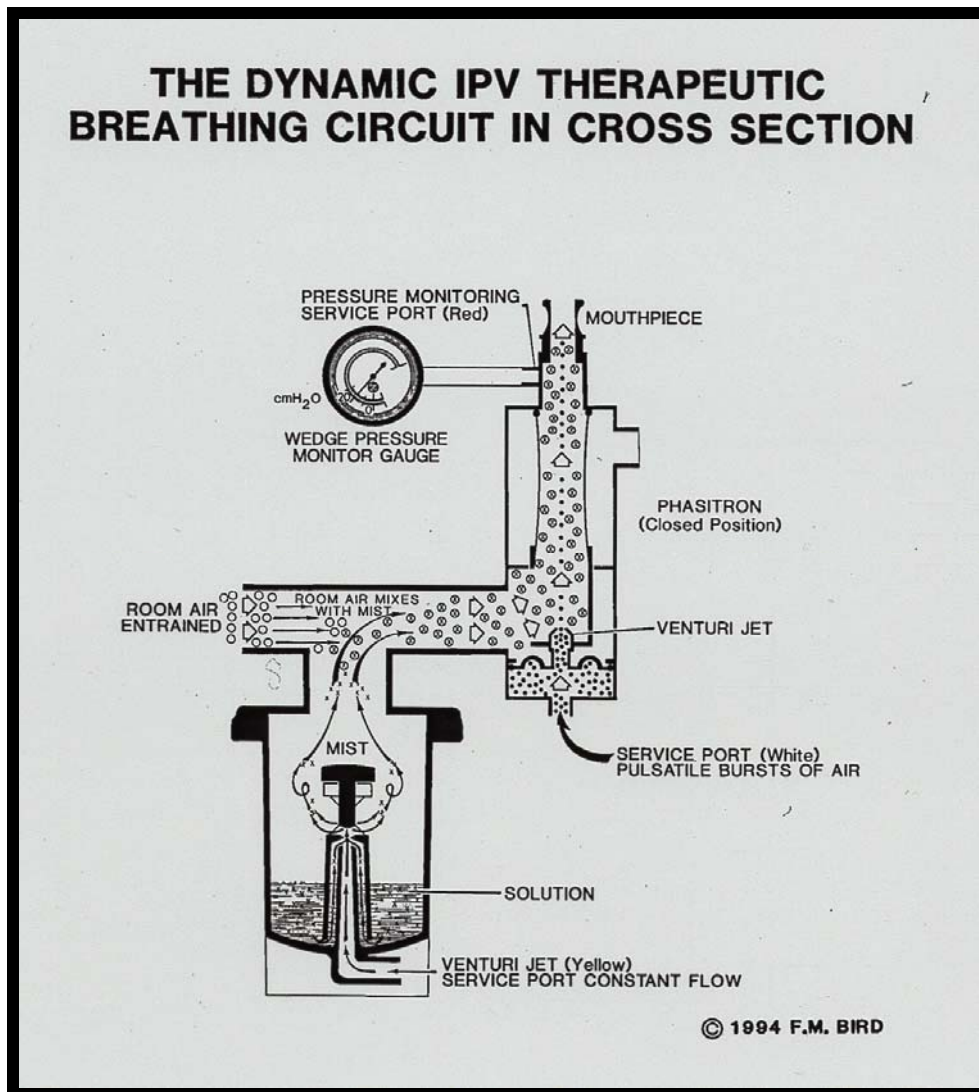


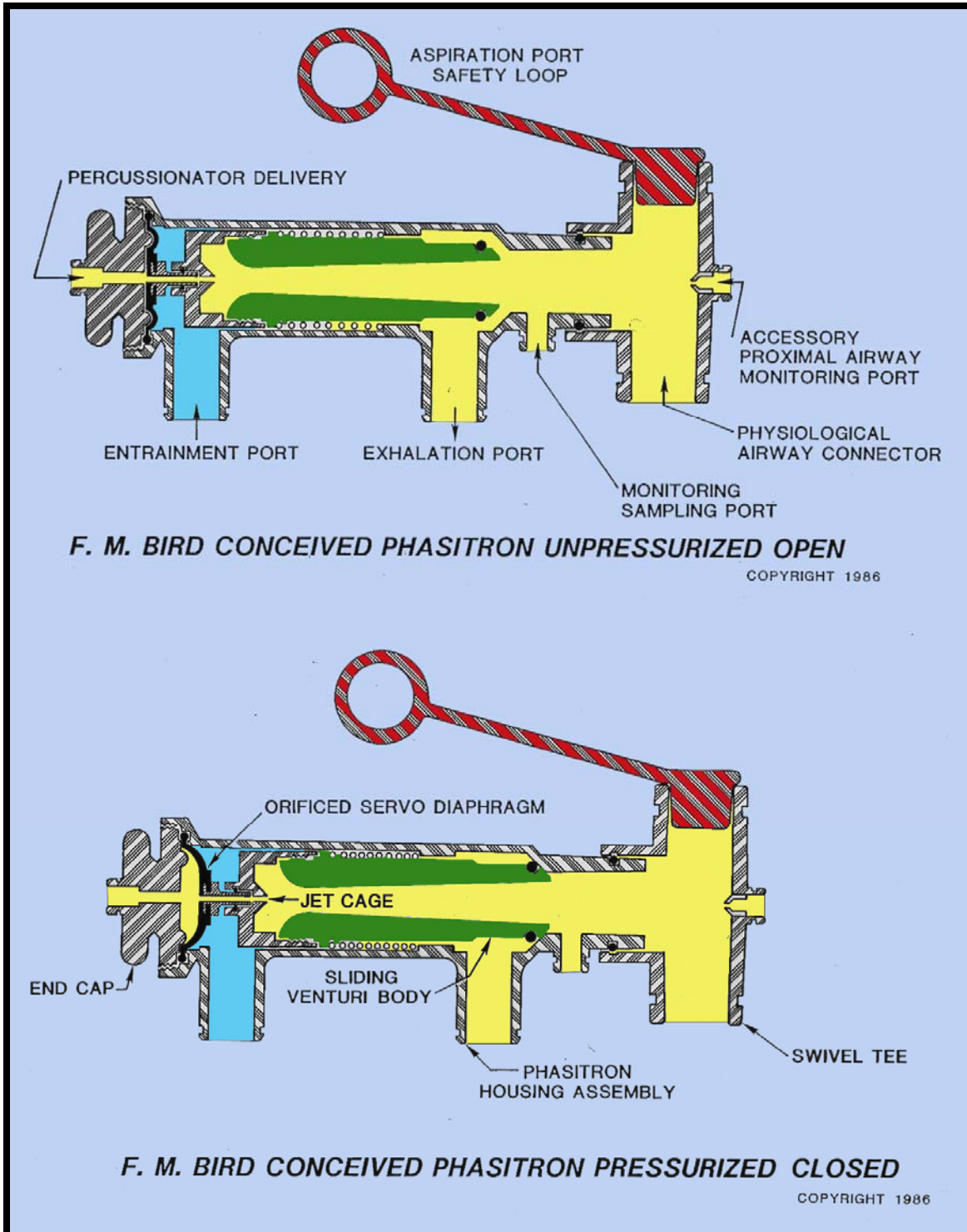


PRESENTS:

THE PHASITRON[®] RESPIRATOR MANUAL OF UNDERSTANDING



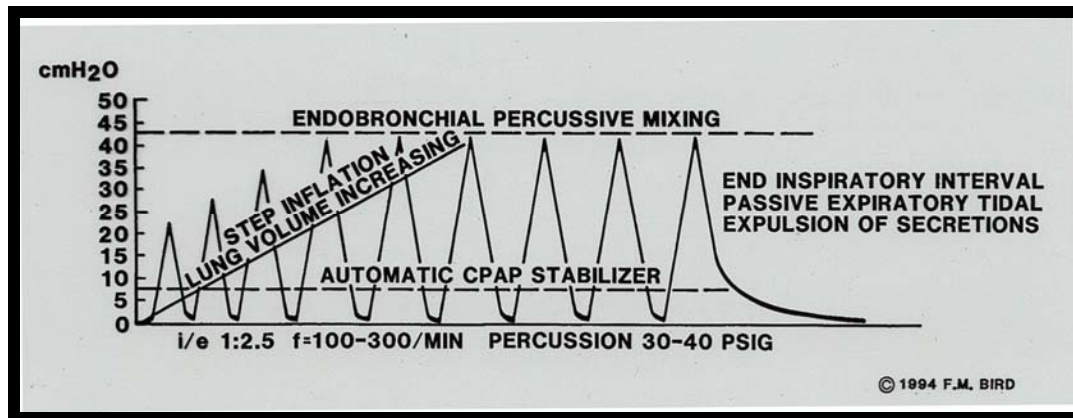
THE PHASITRON[®] RESPIRATOR PART # A5007



DURING THERAPEUTIC LUNG RECRUITMENT (TLR™) THE PHASITRON® BECOMES THE RESPIRATOR POSITIONED AT THE PATIENT'S PROXIMAL AIRWAY. SERVING AS AN INJECTOR EXHALATION VALVE REFERENCING AMBIENT, IT ADJUSTS THE PROGRAMMED INSPIRATORY AIR FLOW VELOCITY BY PRESSURE

FEED BACK FROM THE CONSTANTLY CHANGING INTRAPULMONARY LUNG RESISTANCES TO INSTANTANEOUSLY REGULATE INSPIRATORY FLOW RATE. THUS, THE PHASITRON® SERVES AS A FLUIDIC CLUTCH AGAINST THE PHYSIOLOGICAL AIRWAY, WHICH IS EXPLAINED BY BERNOULLIAN LOGIC.

THEREFORE THE PHASITRON® PROVIDES FOR A BASIC LUNG PROTECTIVE STRATEGY TO PREVENT PREFERENTIAL AIRWAY BAROTRAUMA.



The patient breathes through a physiological interface called a Phasitron® delivering high flow sub tidal (mini-bursts) of air into the lungs at rates of from 100-300 times each minute. During the delivery of the percussive bursts of air into the lungs, a continued wedge pressure is maintained to stabilize the pulmonary airways, while a percussive high velocity flow penetrates the airways and enhances endobronchial secretion mobilization. During therapeutic percussive interval there is a cyclical intrapulmonary exchange of respiratory gases, which serve to flush out Carbon Dioxide and renew Oxygen. This therapeutic lung recruitment (TLR™) is administered by the IPV® and VDR® family of ventilators.

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