

TO SUMMARIZE WHATS GOING ON. OUR CALCULATION TIMER UPDATES OUR FLOW RATE EVERY 12 SECONDS. OUR PULSER TIMER PULSES THE ROTAMETER EVERY X SECONDS (THIS NUMBER CAN BE CHANGED TO SIMULATE HIGHER OR LOWER FLOW RATES. LOWER PULSE TIMER = HIGHER FLOW RATE). THE COUNTER FINDS THE AMOUNT OF PULSES HAPPENING IN 12 SECONDS. THIS COUNTER VALUE IS MULTIPLIED BY THE K FACTOR OF THE ROTAMETER (6.3 GALLONS) AND GIVES US A VALUE OF GALLONS FLOWED IN 12 SECONDS. THIS VALUE IS THEN MULTIPLIED BY 5 TO GIVE GALLONS FLOWED IN ONE MINUTE.



