

**IRRIGATION FORMULA**  
**FOR HOURS OF RUN-TIME**

746 WATTS PER HORSEPOWER  
WATTS X TOTAL HORSEPOWER PER WELL  
DIVIDED BY 1000 GIVE KW  
TOTAL kWh's USED FOR SEASON DIVIDED  
BY KW WILL GIVE THE TOTAL HOURS OF  
RUN-TIME FOR THE SEASON

**746 Watts X Hp :- 1000 = KW**  
**TOTAL YEARLY kWh's :- KW hrs. of Run-Time**

**CONVERSION FORMULA**  
**FOR AMPS TO kWh's**

VOLTAGE BEING USED BY MOTOR OR APPLIANCE  
TIMES AMPS GIVES WATTS PER HOUR  
TIMES HOURS OF USE DIVIDED BY 1000 WATTS  
GIVES THE kWh's

**VOLTS X AMPS = WATTS/HR**  
**Watts/Hr X Hrs of Use :- 1000 Watts =**  
**Total kWh's Used**

**Volts X Amps = Watts**

**Watts :- Volts = Amps**

**Watts :- Amps = Volts**