

### Chapter 11, Problem 69.

Refer to the circuit shown in Fig. 11.88.

- (a) What is the power factor?
- (b) What is the average power dissipated?
- (c) What is the value of the capacitance that will give a unity power factor when connected to the load?

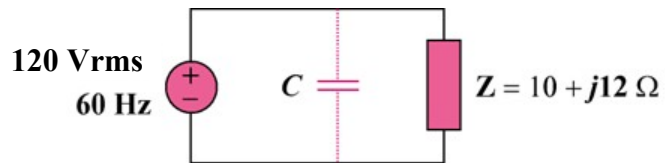


Figure 11.88  
For Prob. 11.69.