

# THE 30 AMP BLUES

EVER WONDER WHY YOUR 30 AMP BREAKER TRIPS SO OFTEN? IN ORDER TO EFFECTIVELY UTILIZE A 30 AMP ELECTRICAL SYSTEM YOU MUST KNOW HOW TO "ADD". HOPEFULLY THIS CHART WILL HELP YOU KNOW HOW MANY AMPS YOU MAY BE USING AT A GIVEN TIME.

If your electric appliance lists its input in watts, you will need to convert this to amps. Divide the watts by the volts that is being supplied (normally 118 to 122 volts) to get the amps it draws. [example: a 1500 watt hair dryer – 1500 watts divided by 120 volts = 12.5 amps] Remember, you only have 30 amps maximum that you can use at one time.

## LISTED BELOW ARE SOME EXAMPLES OF RV AMP USAGE

<u>APPLIANCE</u>	<u>AMPS DRAWN</u>	<u>ON FULL TIME?</u>
Power Converter	1.5 – 6	yes
Refrigerator	2.8 (avg.)	yes
13,500 BTU Air Conditioner	17 (when compressor starts) 12 (when comp. & fan running) 5 (when fan only is running)	no
Water Heater Electric Element	11.5 – 12.5	most of time if avail.
TV	3 – 5	no
Coffee Maker	10 – 12	no
Electric Skillet / Fry Pan	10 – 12	no
Toaster / Toaster Oven	10 – 12	no
Microwave Oven	8 – 10	no
Hair Dryer	10 – 12.5	no
Curling Iron	6 – 9	no
Heater (small floor)	7 – 12.5	no
Heat Strip in Air Conditioner	10 – 12.5	no
Electric Cooktop	10 – 12.5	no

AS YOU CAN SEE, IT DOESN'T TAKE MANY ITEMS FOR THE TOTAL TO REACH "30". PLEASE STAY AWARE OF THE AMPS THAT ARE CURRENTLY BEING USED BEFORE SWITCHING "ON" ANOTHER APPLIANCE. THE MOST FORGOTTEN ONE IS THE WATER HEATER.