

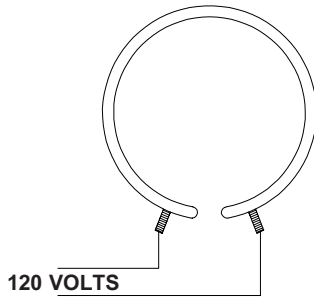


# HEATER BAND WIRING

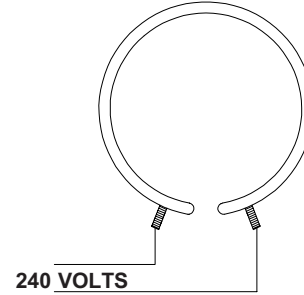
## 1 PIECE HEATER BANDS



**1 PIECE BAND RATED  
120 VOLT 1,000 WATTS**

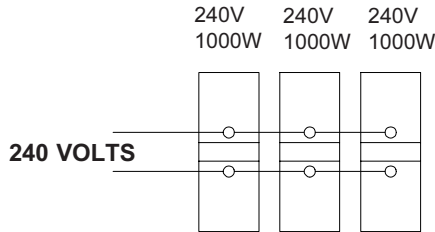


**1 PIECE BAND RATED  
240 VOLT 1,000 WATTS**



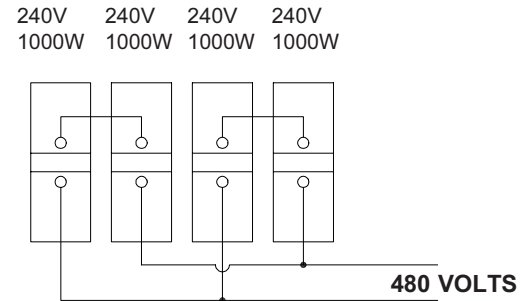
### PARALLEL WIRING:

HEATER BANDS ARE NORMALLY  
WIRED IN PARALLEL BY ZONES  
240 VOLT HEATER BANDS



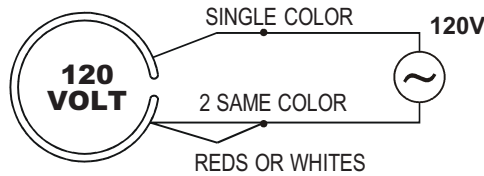
### SERIES WIRING:

ILLUSTRATION SHOWS 240 VOLT BANDS WIRED  
TO ACCEPT 480 VOLTS. BANDS MUST BE OF  
EQUAL WATTAGE AND WIRED BY PAIRS IN SERIES.

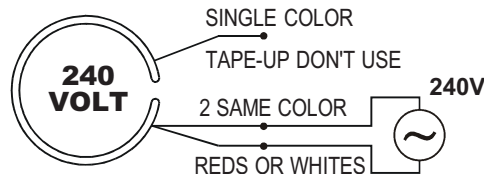


**CAUTION:** follow equipment  
manufacturers instructions  
when working on any electrical  
items, (wiring, controls, heater  
bands, cartridge heaters, etc...)

## HOW TO WIRE DUAL VOLTAGE BANDS

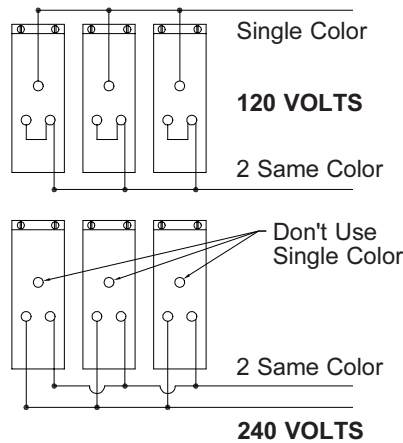


- 1) Connect single color wire to common.
- 2) Join 2 same color wires to hot.

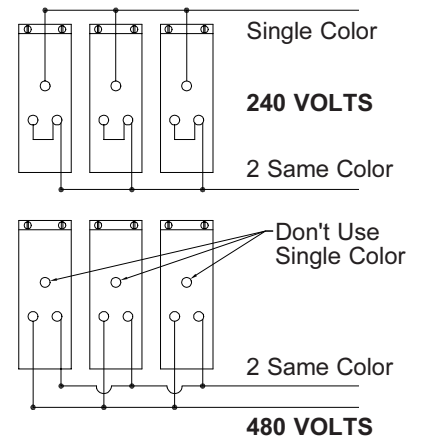


- 1) Tape-up single color wire and do not use.
- 2) Connect one of the 2 same color wires to one side of the line and the other of the 2 same color wires to the other side of the line.

### 120/240 Volt



### 240/480 Volt



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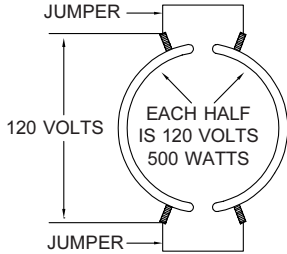
# HEATER BAND WIRING

## 2 PIECE HEATER BANDS

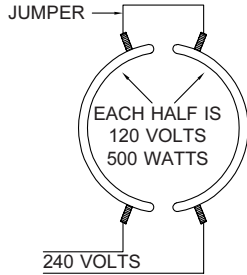


### 120 VOLTS PER HALF

2 PIECE BAND RATED 240 VOLTS 1,000 WATTS. EACH HALF IS 120 VOLTS 500 WATTS. WIRE EACH HALF IN PARALLEL.

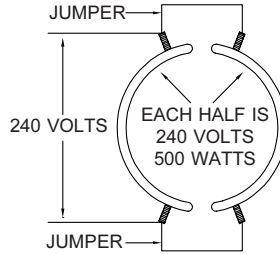


2 PIECE BAND RATED 240 VOLTS 1,000 WATTS. EACH HALF IS 120 VOLTS 500 WATTS. WIRE EACH HALF IN SERIES.

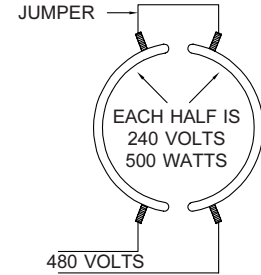


### 240 VOLTS PER HALF

2 PIECE BAND RATED 480 VOLTS 1,000 WATTS. EACH HALF IS 240 VOLTS 500 WATTS. WIRE EACH HALF IN PARALLEL.

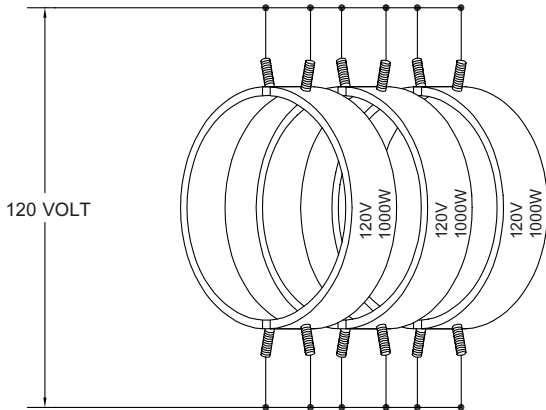


2 PIECE BAND RATED 480 VOLTS 1,000 WATTS. EACH HALF IS 240 VOLTS 500 WATTS. WIRE EACH HALF IN SERIES.



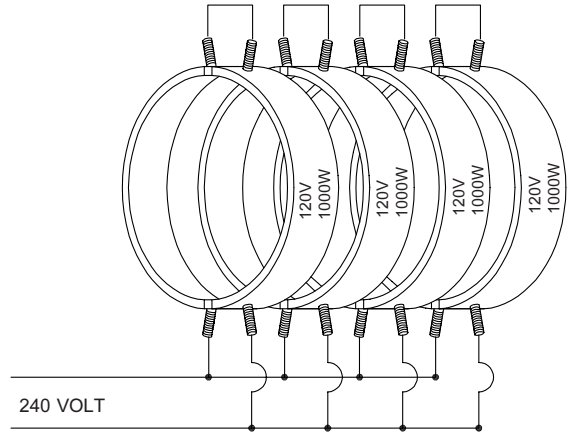
### PARALLEL WIRING:

120 VOLT PER HALF WIRED 120 VOLT

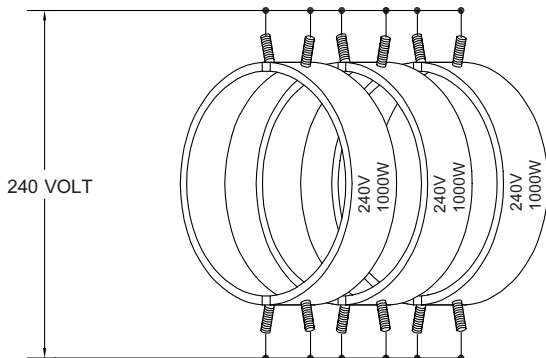


### SERIES WIRING:

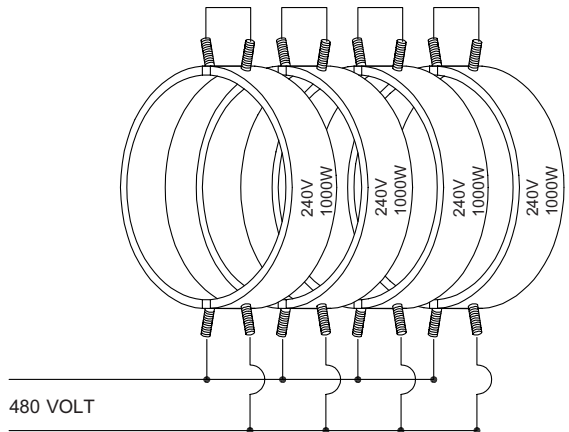
120 VOLT PER HALF WIRED 240 VOLT



240 VOLT PER HALF WIRED 240 VOLT



240 VOLT PER HALF WIRED 480 VOLT



#### CAUTION: START-UP

Due to moisture contained especially in new heater bands we suggest using a soft start program. This allows the moisture to dissipate gradually limiting ground fault current to a reduced value.

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