

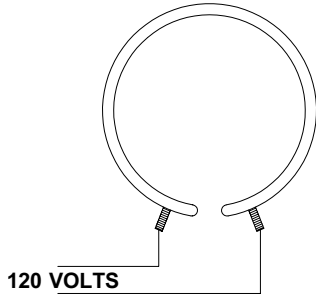


# HEATER BAND WIRING

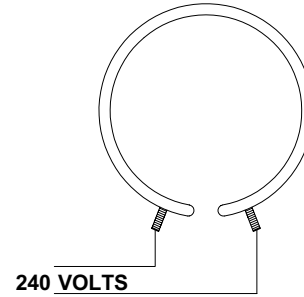
## 1 PIECE HEATER BANDS



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

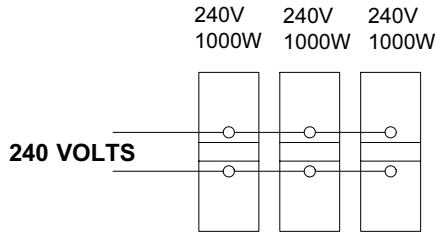


**1 PIECE BAND RATED  
240 VOLT 1,000 WATTS**



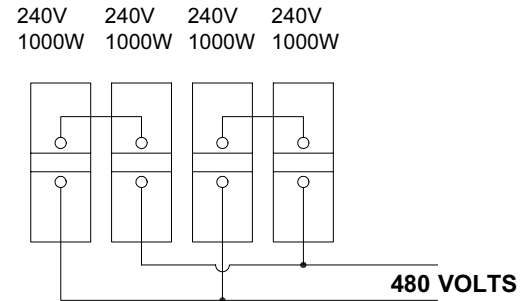
### PARALLEL WIRING:

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



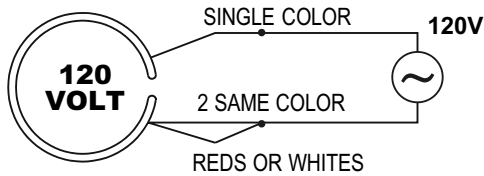
### SERIES WIRING:

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

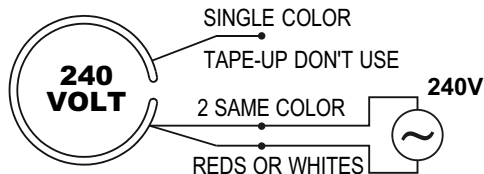


**CAUTION:** follow equipment  
manufacturers instructions  
when working on any electrical  
items, (wiring, controls, heater  
bands, cartridge heaters, etc...)

## HOW TO WIRE DUAL VOLTAGE BANDS

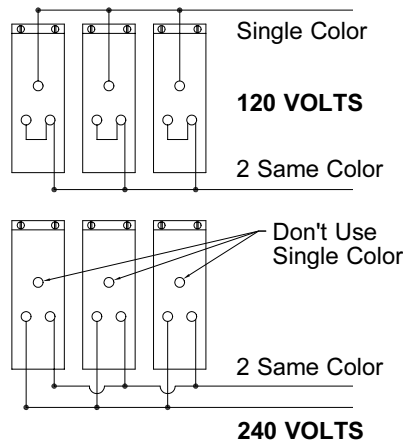


- 1) Connect single color wire to common.
- 2) Join 2 same color wires to hot.

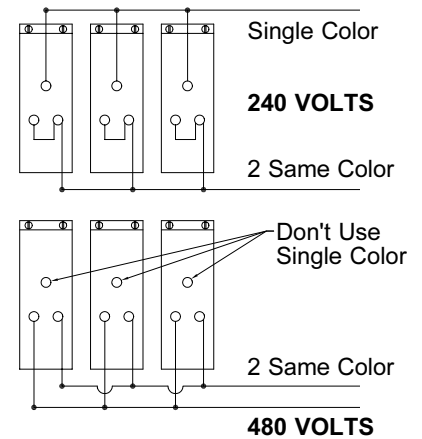


- 1) Tape-up single color wire and do not use.
- 2) Connect one of the 2 same color wires to one side of the line and the other of the 2 same color wires to the other side of the line.

### 120/240 Volt



### 240/480 Volt



© Copyright 2006 Plastic Process Equipment, Inc.  
Note: PPE customers may reproduce this form  
only in it's entirety.



## PLASTIC PROCESS EQUIPMENT, INC.

6385 Montessouri Street, Las Vegas, Nevada 89113  
702-433-6385 • 800-258-8877 • Fax: 702-433-6388

11218 Challenger Avenue, Odessa, Florida 33556  
727-834-8888 • 800-282-6783 • Fax: 727-834-8873

8303 CORPORATE PARK DRIVE, MACEDONIA (Cleveland), OHIO 44056, USA

216-367-7000 • Toll Free: 800-321-0562 • Fax: 216-367-7022 • Order Fax: 800-223-8305

www.ppe.com • e-mail: sales@ppe.com

Toll Free: USA, Canada & Mexico  
**800-362-0706**



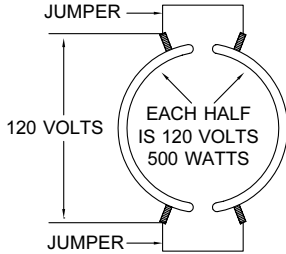
# HEATER BAND WIRING

## 2 PIECE HEATER BANDS

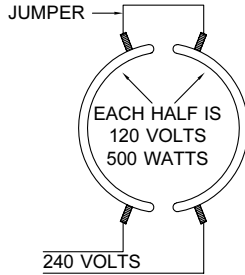


### 120 VOLTS PER HALF

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

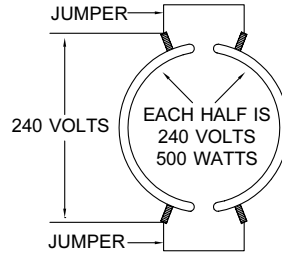


2 PIECE BAND RATED 240 VOLTS 1,000 WATTS. EACH HALF IS 120 VOLTS 500 WATTS. WIRE EACH HALF IN SERIES.

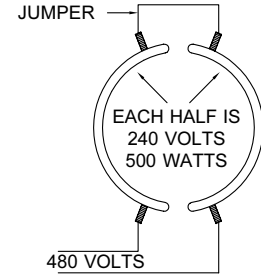


### 240 VOLTS PER HALF

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

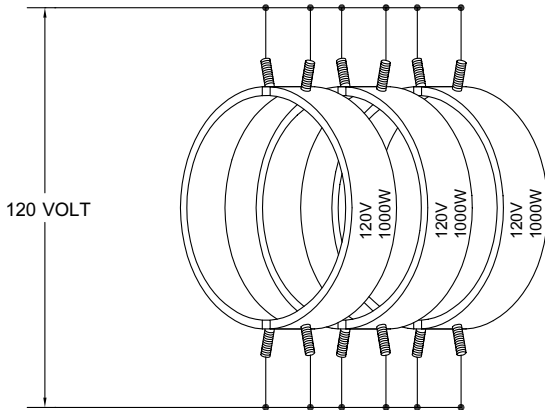


2 PIECE BAND RATED 480 VOLTS 1,000 WATTS. EACH HALF IS 240 VOLTS 500 WATTS. WIRE EACH HALF IN SERIES.



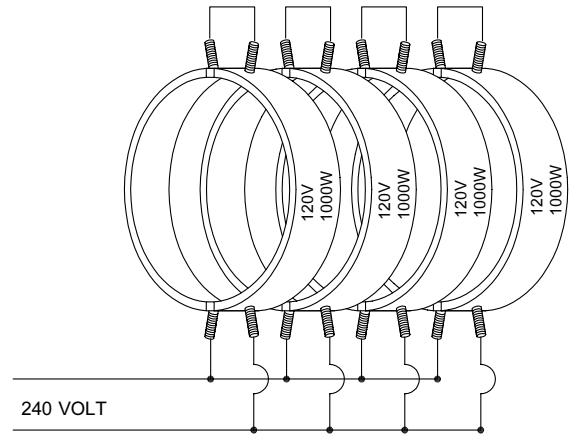
### PARALLEL WIRING:

120 VOLT PER HALF WIRED 120 VOLT

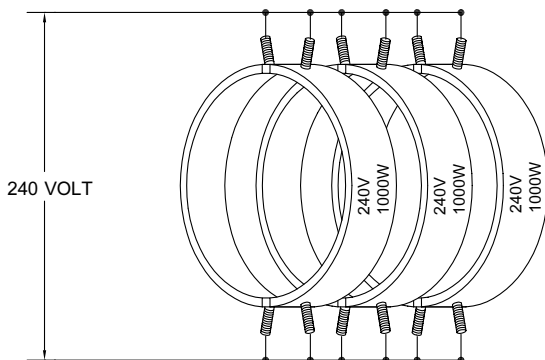


### SERIES WIRING:

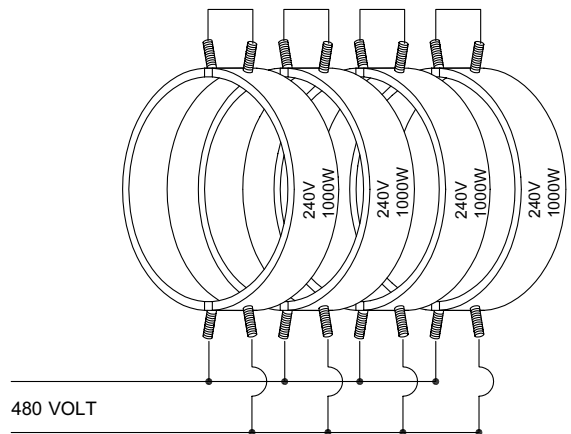
120 VOLT PER HALF WIRED 240 VOLT



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.

© Copyright 2006 Plastic Process Equipment, Inc. Note: PPE customers may reproduce this form only in its entirety.



## PLASTIC PROCESS EQUIPMENT, INC.

6385 Montessouri Street, Las Vegas, Nevada 89113  
702-433-6385 • 800-258-8877 • Fax: 702-433-6388

11218 Challenger Avenue, Odessa, Florida 33556  
727-834-8888 • 800-282-6783 • Fax: 727-834-8873

8303 CORPORATE PARK DRIVE, MACEDONIA (Cleveland), OHIO 44056, USA

216-367-7000 • Toll Free: 800-321-0562 • Fax: 216-367-7022 • Order Fax: 800-223-8305

www.ppe.com • e-mail: sales@ppe.com

Toll Free: USA, Canada & Mexico  
**800-362-0706**