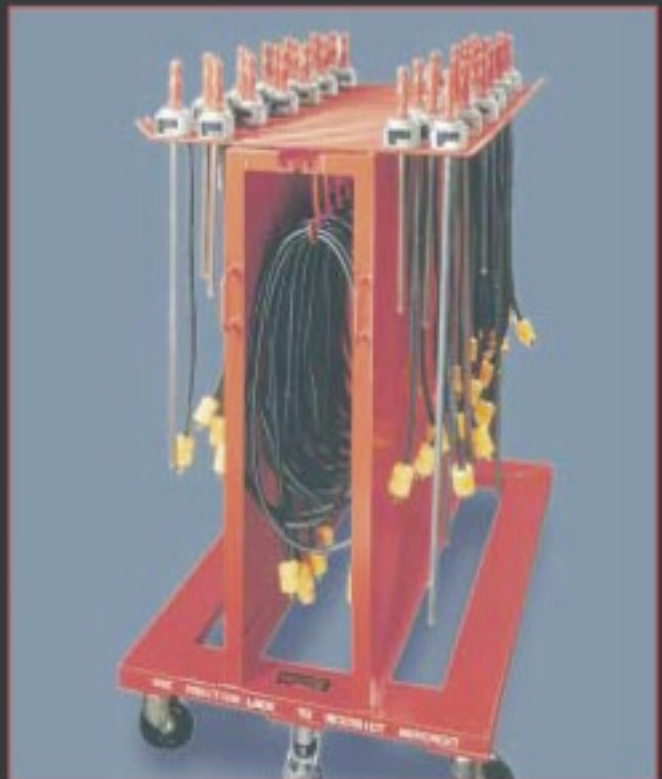


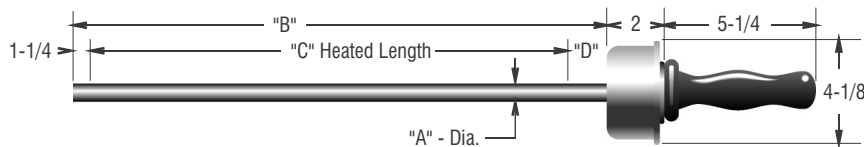
*THE OUTAGE MASTER
POWER DISTRIBUTION LOAD CENTER*



UPCOMING OUTAGE? TEARING DOWN YOUR TURBINE? NEED BOLT HEATERS?

CHECK YOUR STOCK OF BOLT HEATERS FOR CORRECT SIZES AND WORKING CONDITION.

- Heatrex Stocks Hundreds of Standard GE, Westinghouse and Other OEM Style Electric Bolt Heaters Ready for 48-Hour Shipment
- Heatrex Can Build to Your Specifications and Ship to You Within 2-3 Weeks After Receipt of Order
- Heavy Duty Construction
- In Addition to Standard Design (See Diagram), Heatrex has Flexible and Replaceable Element Style Bolt Heaters
- **NEW Selection!** Gas Bolt Heaters
- Heatrex Manufactures Portable Load Centers and Carts to Assist You With Your Outage



Watts	"A" Diameter	"B" Sheath Length	"C" Heated Length	"D" Cold Length	Volts	P/N	Quantity

***SPECIAL SIZES AND RATING AVAILABLE - CONSULT FACTORY**

Standard Heaters Provided with Box and Handle Only. For Additional Accessories Add Correct Suffix to Catalog Number

"0" - Lead wires only "1" - Lead wire with ground clip "2" - Twist lock plug with ground clip "3" - Twist lock plug with integral ground
Standard lead length on above options is 2 feet. Longer lead lengths available.

POWER GEN CO. NAME: _____

STATION NAME: _____

CONTACT NAME: _____

OUTAGE START DATE: _____

PH: _____ **FAX:** _____

CALL HEATREX AT (814) 724-1800 FOR A QUOTATION AND QUICK DELIVERY.

FAX: (814)333-6580 • E-Mail: sales@heatrex.com. Visit www.heatrex.com for additional information on our complete tubular heater product line. Custom built heaters used for service and repair throughout the power generation plant.

THE OUTAGE MASTER POWER DISTRIBUTION LOAD CENTER

QUOTATION REQUEST SPECIFICATION SHEET:

CUSTOMER _____ CONTACT _____
 ADDRESS _____ TITLE _____
 CITY _____ PHONE# _____
 STATE _____ ZIP CODE _____ FAX# _____

PRIMARY (INPUT) VOLTAGE _____ SINGLE PHASE _____ OR 3 PHASE _____

MAIN BREAKER AMPS _____
 POWER CORD? YES _____ OR NO _____ LENGTH of CORD? _____
 WITH PLUG? YES _____ OR NO _____
 MAIN DISCONNECT? YES _____ OR NO _____

	QTY	VOLTS	AMPS	PHASE	RECEPTACLE TYPE & MODEL NO.
1					
2					
3					
4					

SECONDARY CIRCUIT SPECIFICATIONS:

G.F.C.I. (GROUND FAULT CIRCUIT INTERRUPTER) YES _____ OR NO _____

ENCLOSURE TYPE: NEMA 1 _____ OR NEMA 3 _____ OR OTHER _____

MOBILE _____ OR STATIONARY? _____

LIFTING EYES: YES _____ OR NO _____

CABLE STORAGE COMPARTMENT: YES _____ OR NO _____

HEATER STORAGE COMPARTMENT: YES _____ OR NO _____

NOTES:



HEATREX will make recommendations, if not specified by customer. If you have any questions or would like assistance in customizing your load center, please call. We look forward to being of service to you.



THE OUTAGE MASTER POWER DISTRIBUTION SPECIFICATION SHEET 25 KVA UNIT (EXAMPLE)

Electrical Specifications

- Power input 480V, single phase, three wire
- Power output: 240V/120V, single phase
- Transformer: 25 KVA continuous rating
- Primary "Main" circuit breaker. Two pole 480V, with door mounted, rotary "on-off" handle mechanism
- Secondary "Main" circuit breaker: Two pole 240V
- Receptacle circuit breakers are located behind a front mounted, hinged door
- Six (6) circuit breakers: 15 amps, 120 volts
- Three (3) circuit breakers: 20 amps, two pole, 240 volts
- Nine (9) "On-off" lights, one per receptacle, indicate if voltage is present at the outlets
- One (1) "On-off" light, indicates if the voltage is present at the load side of the primary 480 volt circuit breaker
- Unit is completely wired and tested prior to shipment

Note: All receptacles may be operated simultaneously at their full rated load.

Outlet Circuit Specifications

- Qty. 2 @ 240 Volts, 30 Amps, single phase, standard flanged twist lock receptacles
- Qty. 2 @ 240 Volts, 15 Amps, single phase, standard flanged twist lock receptacles
- Qty. 4 @ 120 Volts, 15 Amps, single phase, standard duplex GFCI (ground fault circuit interrupter) straight blade receptacles

(Total Amps Available 100)

Mechanical Specifications

- Enclosures: NEMA 1 (for indoor use in dry areas only)
- Heater storage rack for up to 5 heaters (3/4" dia. or less) in a vertical position
- Brackets for load center power cord storage when not in use
- Compact "vertical" design will fit into a 2' X 3' floor area storage space when not in use
- Assembly: Mobile, heavy duty hand truck mounted with large diameter wheels
- Finish; International Orange, industrial enamel

Note: Three phase input is available on the larger 4 wheeled load centers.

Please call or fax Heatrex for answers to your portable load center questions.

We stand ready to assist you in customizing a "Heatrex" Outage Master to meet your plant's specific requirements.



THE OUTAGE MASTER POWER DISTRIBUTION SPECIFICATION SHEET 50 KVA UNIT (EXAMPLE)

Electrical Specifications

- Power input: 480 volt, single phase
- Power output: 240/120 volt single phase
- Transformer rating: 50 KVA - 200 amps maximum output at 240 volts
- Primary circuit breaker: Two pole, 100 amp, 480 volts
- Secondary main breaker: Two pole, 200 amp, 240 volts
- Eight (8) single phase 240 volts, 20 amp receptacles, individually protected with two pole 10 amp circuit breakers
- Four (4) single phase 240 volts, 20 amp receptacles, individually protected with two pole 20 amp circuit breakers
- Two (2) single phase, 120 volts, 20 amp, GFCI, duplex receptacles, individually protected with 15 amp circuit breakers
- One (1) single phase, 480 volt, 50 amp, protected by the primary two pole circuit breaker
- Fifteen (15) On-off lights, one per receptacle, indicate if voltage is present at outlet
- Primary circuit breaker is provided with a front mounted rotary handle operator mechanism
- Secondary circuit breakers are located behind a front mounted, hinged door
- All receptacles and breakers are located in a compartment separate from the transformer
- Unit is completely wired and tested prior to shipment

Mechanical Specifications

- Finish: Heatrex orange enamel
- Framework: Heavy gauge square and rectangular steel channel, welded construction
- Exterior: Covered with heavy gauge steel sheet metal
- Enclosure: NEMA 1 for use indoors in dry areas
- Ventilation: Entire bottom is covered with perforated steel sheet metal. Sides and back are louvered sheet metal
- Front panel: Entire panel face hinges down to allow access to internal wiring
- Wheels: Four (4) large, ball bearing equipped, 8" diameter wheels. Two are fixed position while two are casters for easy maneuverability.
- Floor position lock: Spring loaded, cast iron device is foot operated to help limit movement of the load center
- Lifting eyes: Four (4) heavy duty eyes for use in lifting equipment
- Push bar: Heavy duty bar is mounted to allow the center to be manually pushed from place to place

Note: Internal storage compartment, bolt heater storage, and cord wrap bracket can also be provided on this unit.

Note: Specific receptacle types and model # to be determined at time of order.

Please call or fax Heatrex for answers to your portable load center questions.

We stand ready to assist you in customizing a "Heatrex" Outage Master to meet your plant's specific requirements.



THE OUTAGE MASTER POWER DISTRIBUTION SPECIFICATION SHEET 75 KVA UNIT (EXAMPLE)

Electrical Specifications

- Power input: 480 volt, three phase
- Power output: 240/120 volt single phase
- Transformer rating: 75 KVA - 540 amps maximum total output at 240 volts
- Primary circuit breaker; Two pole, 480 volts
- Three (3) - Secondary main breakers: Two pole, 240 volts
- Three (3) - Single phase, 240 volt, 50 amp twist lock style receptacles, individually protected with two (2) 50 amp circuit breakers
- Six (6) - Single phase, 240 volt, 30 amp twist lock style receptacles, individually protected with two pole 30 amp circuit breakers
- Nine (9) - Single phase, 120 volt, 20 amp, GFCI (ground fault current interrupter), duplex receptacles, individually protected with 20 amp circuit breakers
- Three (3) - Single phase, 120 volt, 30 amp receptacles, individually protected with 30 amp circuit breakers
- Twenty one (21) - On-off lights, indicate if voltage is present at the outlet
- Primary circuit breaker is provided with a front mounted rotary handle operator mechanism
- Secondary circuit breakers are located behind front mounted, hinged doors
- All receptacles and breakers are located in a compartment separate form the transformer
- Unit is wired and tested prior to shipment

Mechanical Specifications

- Finish: Heatrex orange enamel
- Framework: Heavy gauge square and rectangular steel channel, welded construction
- Exterior: Covered with heavy gauge steel sheet metal
- Enclosure: NEMA 1 for use indoors in dry areas
- Ventilation: Entire bottom is covered with perforated steel sheet metal. Sides and back are louvered sheet metal
- Front panel: Entire panel face hinges down to allow access to internal wiring
- Wheels: Four (4) large, ball bearing equipped, 8" diameter wheels. Two are fixed position while two are casters for easy maneuverability.
- Floor position lock: Spring loaded, cast iron device is foot operated to help limit movement of the load center
- Lifting eyes: Four (4) heavy duty eyes for use in lifting equipment
- Push bar: Heavy duty bar is mounted to allow the center to be manually pushed from place to place.

Note: Internal storage compartment, bolt heater storage, and cord wrap bracket can also be provided on this unit.

Note: Specific receptacle types and model # to be determined at time of order.

Please call or fax Heatrex for answers to your portable load center questions.

We stand ready to assist you in customizing a "Heatrex" Outage Master to meet your plant's specific requirements.