

 **RAMA CORPORATION**
QUOTE FORM FOR RAMA®BAND HEATER

INQUIRY DATE: _____ QTY: _____
COMPANY: _____ CONTACT NAME: _____
ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
PHONE: _____ E-MAIL: _____

SPECIFICATIONS:

INNER DIAMETER: _____ (OUTER DIAMETER OF PART HEATER IS TO GO ON)
WIDTH: _____ (LENGTH OF THE AREA ON THE PART HEATER IS TO COVER)
WATTS: _____ VOLTS: _____
PHASE: SINGLE 3-PHASE (WYE ONLY) DUAL ____/____ (ENTER BOTH HIGH & LOW VOLTAGES)
OPERATING TEMPERATURE: _____ °F
(IF NOT GIVEN WE WILL DESIGN FOR VALUES BEING AT STARTUP TEMPERATURES OF 68°F)

CONFIGURATION:

LEAD TYPE: TYPE 'A' TYPE 'B' TYPE 'C' TYPE 'D' TYPE 'E' TYPE 'F' TYPE 'G' TYPE 'H' TYPE 'J'
IF CHOOSING LEADWIRE, PROVIDE FINISHED LENGTH: _____ ±2%
POST TERMINALS: TYPE 'K' TYPE 'L' TYPE 'M'

DESIGN FEATURES:

SHEATH MATERIAL: ALUMINIZED STEEL (STANDARD) STAINLESS STEEL
GAP: 1/4" (STANDARD) SPECIAL _____ (ENTER GAP SIZE)
MODIFICATION: BENDABLE TWO PIECE ____/____ (ENTER VOLTAGES FOR EACH HALF)
CLAMP: STRAP 90° FACING PIN & SCREW
TEMPERATURE CONTROL: THERMOCOUPLE THERMOSTAT
A DRAWING MUST BE SUBMITTED FOR SPECIAL HOLES, CUTOUTS, UNUSUAL SHAPES, THERMOSTAT PLACEMENT,
THERMOCOUPLE PLACEMENT, ETC. CONSULT FACTORY FOR STRIP HEATERS OVER 45" LONG OR 12" WIDE.

NOTE ANY SPECIAL REQUIREMENTS BELOW:



QUOTE FORM FOR RAMA® ROD AND EDM® CARTRIDGE HEATER

INQUIRY DATE: _____ QTY: _____
COMPANY: _____ CONTACT NAME: _____
ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
PHONE: _____ E-MAIL: _____

SPECIFICATIONS:

VOLTS: _____ WATTS: _____ WATT DENSITY: _____ MAX TEMP (°F) _____
DIAMETER STANDARD: NOMINAL (ACTUAL) [] 1/4 (.245) [] 3/8 (.370) [] 1/2 (.495) [] 5/8 (.620) [] 3/4 (.745)
DIAMETER METRIC: NOMINAL (ACTUAL) [] 6.5 (.255) [] 8 (.315) [] 10 (.394) [] 12.5 (.492) [] 16 (.630) [] 20 (.787)
SHEATH LENGTH: _____ ±2% SHEATH MATERIAL: [] INCOLOY [] STAINLESS STEEL
TOTAL HEATED LENGTH: _____ ±2% (MIN .25" COLD AREA REQUIRED AT LEAD END)
HEAT: [] STANDARD [] PROFILED IF PROFILED PROVIDE WATTAGE PER ZONE: _____/_____/_____
MULTICIRCUIT: [] 3-PHASE [] 2-ZONE [] 3-ZONE (NOTE: FOR 3/4" ONLY. MINIMUM LENGTH REQUIRED)

STANDARD CONFIGURATIONS AND MODIFICATIONS:

CONFIGURATIONS AND MODIFICATIONS MAY BE VIEWED ON OUR WEBSITE. CHOOSE FROM THE FOLLOWING LISTED:
[] TYPE 'A' [] TYPE 'B' [] TYPE 'C' [] TYPE 'CE' [] TYPE 'D' [] TYPE 'E' [] TYPE 'F' [] TYPE 'G' [] TYPE 'H' [] TYPE 'I'
[] TYPE 'HR' [] TYPE 'J' [] TYPE 'K' [] TYPE 'L' [] TYPE 'N' [] TYPE 'Q' [] TYPE 'S' [] TYPE 'U' [] TYPE 'U' [] TYPE 'W'
TYPE 'A' HEATERS MAY BE MODIFIED FROM STOCK IF AVAILABLE. CHOOSE FROM THE FOLLOWING LIST BELOW:
[] MOD 'E' [] MOD 'G' [] TYPE 'G' [] TYPE 'L' [] TYPE 'S'

TERMINATION:

LEADWIRE LENGTH: _____ ±2% LEADWIRE TYPE: [] FIBERGLASS [] TEFLON [] CORD (SPECIAL)
THERMOCOUPLE LENGTH: _____ ±2% [] TYPE 'J' (STANDARD) [] TYPE 'K' [] OTHER
ARMOR LENGTH: _____ ±2% [] Si/FIBER SLEEVE [] S/S BRAID [] S/S CONDUIT [] CERAMIC BEAD
SPECIAL SEALANT: RAMA CAN PROVIDE SPECIAL EPOXY SEALS, SILICONE VARNISH, OR RTV UPON REQUEST
SPECIAL ITEMS: GROUND WIRE, POST TERMINAL, TWIST LOCK PLUGS, THERMOSTATS, COOLING FINS, AND OTHER ACCESSORIES
MAY BE AVAILABLE UPON REQUEST. CONSULT FACTORY FOR SPECIFICATIONS.
SPECIAL NON-STANDARD DESIGNS MUST BE ACCOMPANIED BY A DIMENSIONAL DRAWING.

NOTE ANY SPECIAL REQUIREMENTS BELOW:

 **RAMA CORPORATION**
QUOTE FORM FOR RAMA®FLEX HEATER

INQUIRY DATE: _____ QTY: _____
COMPANY: _____ CONTACT NAME: _____
ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
PHONE: _____ E-MAIL: _____

SPECIFICATIONS:

WIDTH OR OUTER DIAMETER _____ LENGTH OR INNER DIAMETER _____
WATTS: _____ VOLTS: _____ PHASE: SINGLE 3-PHASE (WYE) 3-PHASE (DELTA) DUAL _____ / _____
OPERATING TEMPERATURE: _____ °F (STANDARD DESIGN FOR VALUES AT STARTUP TEMPERATURES ARE 68°F) (HIGH/ LOW)
LEADWIRE LENGTH: _____ ±2% TYPE: TEFLON (STANDARD) SILICONE HPN CORD
SILICONE RUBBER COLOR: RED (STANDARD) BLACK OTHER (CONSULT FACTORY)

DESIGN FEATURES:

INSULATION THICKNESS (RED ONLY): NONE 1/8" 1/4"
GROUND SCREEN: NONE ALUMINUM BRASS
MOUNTING METHOD: NOT NEEDED ADHESIVE HOOKS & SPRINGS LACIN EYELETS VELCRO VULCANIZED
THERMOSTAT: ADJUSTABLE FIXED _____ °F (OPENING TEMPERATURE)
THERMOCOUPLE: TYPE 'J' (STANDARD) TYPE 'K' TYPE 'T'
SILK SCREEN ARTWORK MAY AVAILABLE. CONSULT FACTORY FOR DETAILS.

A DRAWING MUST BE SUBMITTED FOR SPECIAL DESIGNS, THERMOSTAT/THERMOCOUPLE PLACEMENT, SILK SCREEN ARTWORK, VULCANIZING PLACEMENT, AND OTHER FEATURES.

NOTE ANY SPECIAL REQUIREMENTS BELOW:

 **RAMA CORPORATION**
QUOTE FORM FOR RAMA®HELIX HEATER

INQUIRY DATE: _____ QTY: _____
COMPANY: _____ CONTACT NAME: _____
ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
PHONE: _____ E-MAIL: _____

SPECIFICATIONS:

VOLTS: _____ WATTS: _____ WATT DENSITY: _____ MAX TEMP (°F) _____
INSIDE DIAMETER STANDARD: NOMINAL (ACTUAL) 1/2" (.499) 5/8" (.620) 3/4" (.745) 7/8" (.870) 1" (.995)
INSIDE DIAMETER METRIC: NOMINAL (ACTUAL) 12 (.470") 12.5 (.491") 16 (.620) 20 (.785") 22 (.861")
COILED LENGTH: _____ +.00/-.25 HEAT: NON-PROFILED PROFILED (1.50" MINIMUM COILED LENGTH REQUIRED)
FINISH: NON-FLATTEND FLATTEND (AVAILABLE UP TO 1" INSIDE DIAMETER.)

BEND CONFIGURATIONS AND "H" DIMENSIONS: PLEASE SEE CATALOG ON WEBSITE FOR DESIGN PARAMETERS

FIG. 1, 'H' _____ FIG. 2, 'H' _____ 'B' _____ FIG. 3, 'H' _____ 'A' _____ FIG. 4, 'B' _____
 FIG. 5, 'H' _____ 'B' _____ 'A' _____ FIG. 6, 'H' _____ 'B' _____ FIG. 7, 'H' _____ 'B' _____ 'A' _____
 FIG. 8, 'H' _____ 'B' _____ OTHER (DIMENSIONAL DRAWING MUST BE SUBMITTED)

TERMINATION:

TERMINATION: STANDARD OPTIONAL
LEADWIRE LENGTH: _____ ±2% GROUND WIRE LENGTH: _____ ±2%
THERMOCOUPLE LENGTH: _____ ±2% TYPE 'J' (STANDARD) TYPE 'K' OTHER
ARMOR LENGTH: _____ ±2% Si/FIBER SLEEVE S/S BRAID S/S CONDUIT

LARGER DIAMETERS AND SPECIAL BEND CONFIGURATIONS MAY BE AVAILABLE FOR MANUFACTURE AND FLATTENING. CONSULT FACTORY FOR SPECIAL SIZES.

NOTE ANY SPECIAL REQUIREMENTS BELOW:



QUOTE FORM FOR FLANGED AND SCREW-IN IMMERSION HEATER

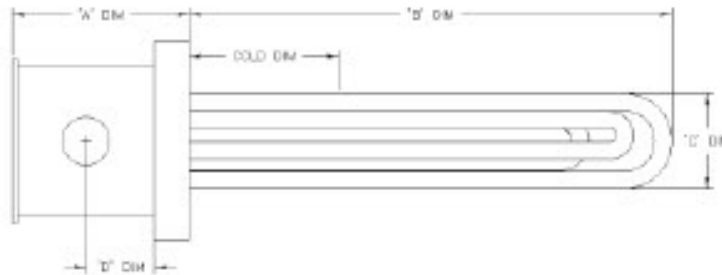
INQUIRY DATE: _____
 COMPANY: _____ CONTACT NAME: _____
 ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
 PHONE: _____ FAX: _____ E-MAIL: _____

SPECIFICATIONS:

VOLTS: _____ WATTS: _____ PHASE: _____ WATT DENSITY: _____ BUSSING TYPE: _____
 HEATER ELEMENT: _____ (SERIES OR PARALLEL)
 QTY: _____ DIAMETER: _____ MATERIAL: _____ MINIMUM BUNDLE DIAMETER: _____
 MAXIMUM 'B' LENGTH: _____ SUPPORT RING: YES ___ NO ___ MAXIMUM COLD: _____ (MIN 2" COLD REQUIRED)
 (A SUPPORT RING IS AUTOMATICALLY ADDED TO EVERY 36" OF LENGTH)

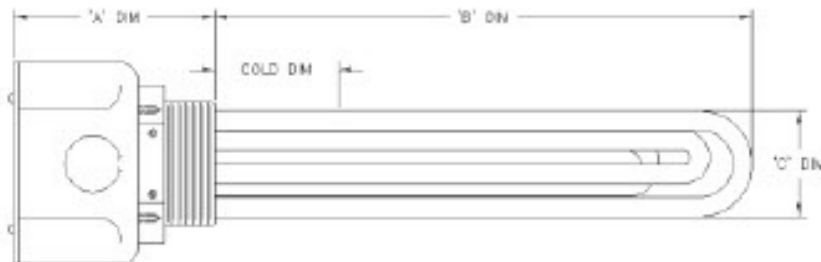
FLANGED IMMERSION:

FLANGE SIZE: _____ PRESSURE CLASS: 150 LB ___ 300 LB ___ FLANGE MATERIAL: _____
 HOUSING ENCLOSURE: DUST RESISTANT ___ WATER RESISTANT ___ EXPLOSION RESISTANT ___



SCREW-IN IMMERSION:

NPT PIPE SIZE: _____ PIPE MATERIAL: _____ OPERATING PRESSURE: _____
 ENCLOSURE TYPE: GUA ___ GUAC ___ DUST RESISTANT ___ WATER RESISTANT ___ EXPLOSION RESISTANT ___



OPTIONS:

THERMOWELL: YES ___ NO ___ IF YES, DIAMETER _____ LENGTH _____
 INTEGRAL THERMOSTAT: YES ___ NO ___ IF YES, NOTE RANGE _____
 NOTE ANY SPECIAL REQUIREMENTS BELOW:



RAMA CORPORATION

QUOTE FORM FOR RAMA[®]CELL TUBULAR HEATER

INQUIRY DATE: _____ QTY: _____

COMPANY: _____ CONTACT NAME: _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ E-MAIL: _____

SPECIFICATIONS:

VOLTS: _____ TOTAL WATTS: _____ WATT DENSITY: _____ MAX OPERATING TEMP (°F) _____

DIAMETER: .938 .685 MATERIAL: INCOLOY 600 (STANDARD) INCONEL 800

CLASSIFICATION: STRAIGHT 90° ANGULAR SPECIAL: MUST PROVIDE DIMENSTIONAL DRAWING

HEAT: STANDARD PROFILED 2-ZONE 3-ZONE PHASE: SINGLE 3-PHASE (DELTA)

FOR PROFILED HEAT, PROVIDE THE WATTAGE FOR EACH AREA _____/_____/_____

FOR TWO OR THREE ZONE, PROVIDE THE WATTAGE PER ZONE _____ AND THE LENGTH PER ZONE _____

TERMINATION:

LEADWIRE LENGTH: _____ ±2%; LEAD CONNECTIONS: STANDARD RING CONNECTOR SPADE CONNECTOR

FEMALE FASTON MALE FASTON STAIGHT BLOCK PLUG TWIST-LOCK PLUG PLUG & SOCKET CONNECTOR

ARMOR: NONE HI-TEMP SLEEVE OTHER (CONSULT FACTORY)

CONSULT FACTORY FOR OTHER TYPES OF TERMINATION THAT MAY BE AVAILABLE

OTHER ACCESSORIES: TAB RING STOP

SPECIAL DESIGNS:

A FULL DIMENSIONAL DRAWING MUST BE SUBMITTED FOR NON-STANDARD OR SPECIAL DESIGNS.

NOTE ANY SPECIAL REQUIREMENTS BELOW:

 **RAMA CORPORATION**
QUOTE FORM FOR RAMA®STRIP HEATER

INQUIRY DATE: _____ QTY: _____
COMPANY: _____ CONTACT NAME: _____
ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
PHONE: _____ E-MAIL: _____

SPECIFICATIONS:

LENGTH: _____ WIDTH: _____ WATTS: _____ VOLTS: _____
PHASE: SINGLE 3-PHASE (WYE ONLY) DUAL ____/____ (ENTER BOTH HIGH & LOW VOLTAGES)
OPERATING TEMPERATURE: _____ °F
(IF NOT GIVEN WE WILL DESIGN FOR VALUES BEING AT STARTUP TEMPERATURES OF 68°F)

CONFIGURATION:

LEAD TYPE: TYPE 'A' TYPE 'B' TYPE 'C' TYPE 'D' TYPE 'E' TYPE 'F' TYPE 'G' TYPE 'H' TYPE 'J'
IF CHOOSING LEADWIRE, PROVIDE FINISHED LENGTH: _____ ±2%
POST TERMINALS: TYPE 'K' TYPE 'L' TYPE 'M'

DESIGN FEATURES:

SHEATH MATERIAL: ALUMINIZED STEEL (STANDARD) STAINLESS STEEL
MOUNTING SLOTS: 3/16" X 3/8" (STANDARD) NONE SPECIAL (DRAWING REQUIRED)
TEMPERATURE CONTROL: THERMOCOUPLE THERMOSTAT
A DRAWING MUST BE SUBMITTED FOR SPECIAL HOLES, CUTOUTS, UNUSUAL SHAPES, THERMOSTAT PLACEMENT,
THERMOCOUPLE PLACEMENT, ETC. CONSULT FACTORY FOR STRIP HEATERS OVER 45" LONG OR 12" WIDE.

NOTE ANY SPECIAL REQUIREMENTS BELOW:



RAMA CORPORATION

QUOTE FORM FOR RAMA®TUBULAR HEATER

INQUIRY DATE: _____ QTY: _____

COMPANY: _____ CONTACT NAME: _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ E-MAIL: _____

SPECIFICATIONS:

VOLTS: _____ WATTS: _____ WATT DENSITY: _____ MAX TEMP (°F) _____

DIAMETER: .165 .215 .245 .290 .315 .330 .375 .440 .490

MATERIAL: INCOLOY (.215-.490) STAINLESS STEEL (.160-.490) STEEL (.215-.490) COPPER (.315-.490)

SHEATH LENGTH: _____ ±2% HEATED LENGTH: _____ ±2% (NOTE: MIN 1" COLD AREA REQUIRED AT EACH END)

HEAT: STANDARD PROFILED

CLASSIFICATION: STRAIGHT FORMED (NOTE: YOU MAY CHOOSE FROM ONE OF THE FIGURES ON OUR WEBSITE OTHERWISE A DRAWING MUST BE INCLUDED WITH BEND SPECIFICATIONS)

STANDARD TERMINATION: BARE TYPE 'A' TYPE 'B' TYPE 'C' TYPE 'D'

SPECIAL TERMINATION: LEADWIRE BUSHING SILICONE BOOT CERAMIC-TO-METAL SEAL

SPECIAL SEALANT: RAMA CAN PROVIDE SPECIAL EPOXY SEALS, SILICONE VARNISH, OR RTV UPON REQUEST

OTHER ACCESSORIES SUCH AS FLANGES, TABS, OR HEAT DISSIPATING FINS MAY BE ADDED UPON CUSTOMER REQUEST.

NOTE ANY SPECIAL REQUIREMENTS BELOW:
