



STARFLEX® HEATER BAND INSTALLATION INSTRUCTIONS

Installation

Loosen the Allen head cap screw to separate the two clamping bars. Place band in position on a cold barrel. Band need not be taken apart. Terminals need not be staggered, BARREL SHOULD NOT BE OVER 150° F.

Insert Allen head cap screw in opposite clamping bar and tighten with Allen wrench until snug but not tight. BACK OFF AT LEAST ONE FULL TURN. RECOMMENDED TORQUE VALUE OF 2 TO 3 FT - LBS.

CAUTION – The clamping strap is manufactured using a low expansion alloy. THE BANDS WILL TIGHTEN AS THEY HEAT. Over-tightening will result in breakage of either the clamping strap or the clamping screw.

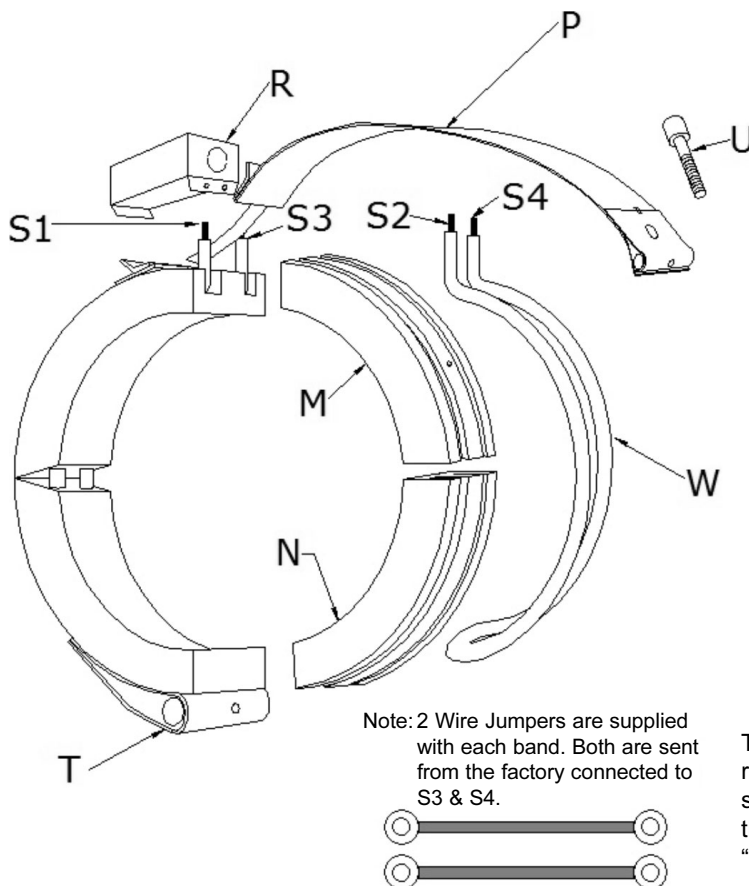
Wiring

Two element band heaters have dual voltage capabilities. For example: A heating unit comprised of (2) 240 volt elements may be connected in parallel for 240 volt operation or the elements can be connected in series for 480 volt operation. The voltage rating for this unit would be specified 240/480.

When leaving the factory Starflex® bands are **wired in series for the higher of the two operating voltages**, (unless otherwise specified by the customer). When wired in series, power connections should be made to the S1 & S2 terminals (S3 & S4 will be jumpered). When wired in parallel, remove one of the jumpers from S3 & S4 and move it to S1 & S2 (both sets of terminals will now be jumpered), connect the power leads to either S1 & S3 or S2 & S4.

Maintenance

If installed and operated properly, Starflex® bands should give years of trouble-free performance. To facilitate removal, grease the clamping screw periodically with a high temperature grease.



- M Extruded aluminum upper segment
- N Extruded aluminum lower segment
- P Clamping Strap Assembly
- R Single Terminal cover and support brackets
You must specify Diameter and Width of band to receive correct parts.
- S1-S4 6-32 Threaded Terminal Studs
(See Wiring Instructions above)
- T Clamping bar (set of 2 pieces)
39A1005-01
39A1005-02
- U Clamping bar screw
28S1001-01 1-3/4" long
28S1001-04 2-1/4" long
- W Replacement Elements
Specify wattage and voltage of individual elements.

Replacement Parts

To reduce maintenance costs, spare parts may be ordered rather than complete assemblies. When ordering, please specify the complete Starflex® catalog number (stamped on the clamping strap near the terminals) as well as the part "letter" as given above.



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