

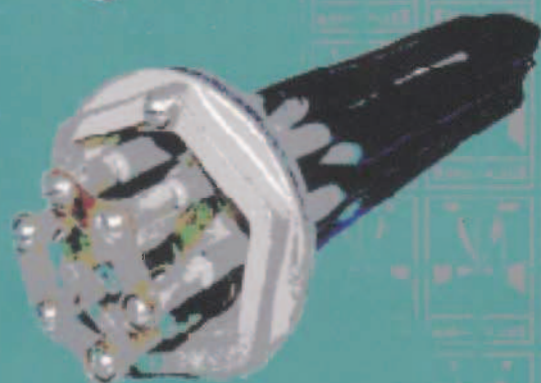
LN ELEMENTS PTY. LTD.

TUBULAR HEATING ELEMENTS

OEM SUPPLIER

for

BAIN-MARIE'S
CATERING EQUIPMENT
HOT WATER SYSTEMS,
KETTLES & URNS



Phone: 03 9553 5577

or

Fax: 03 9532 2366

for distributor details



STATE DISTRIBUTORS

ACN 004 280 031

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3-5 FREIGHTER ROAD,
MOORABBIN, VIC. 3189

POSTAL ADDRESS
3-5 FREIGHTER ROAD,
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FAX: (03) 9532-2366

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MOONAH, TAS.

POSTAL ADDRESS
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10/43 CYPRESS STREET,
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SOUTH AUSTRALIA

INDUSTRIAL HEATING SUPPLIES
UNITS 1-2 / 7 McGOWAN STREET,
POORAKA, S.A. 5095

PHONE: (08) 8349-7617
FAX: (08) 8349-7617

WESTERN AUSTRALIA

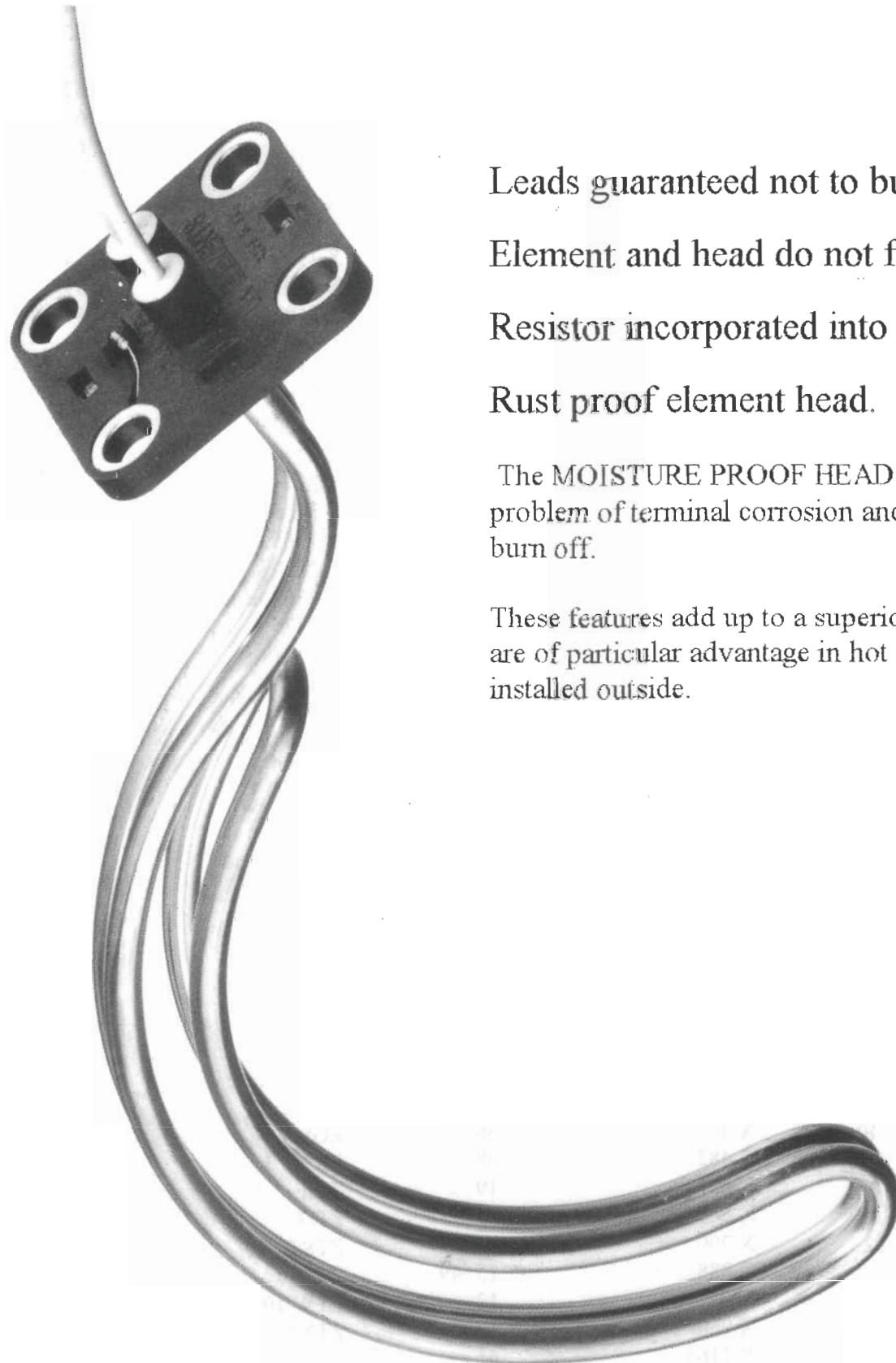
ALL CONTROLS.
4 / 25 FREDERICK STREET,
BELMONT, W.A. 6104

POSTAL ADDRESS
P.O. BOX 402,
CLOVERDALE, W.A. 6105

PHONE: (08) 9277-4299
FAX: (08) 9277-5824

CHECK OUT

THE SUPERIOR LN BOLT-ON



Leads guaranteed not to burn off.

Element and head do not fall apart.

Resistor incorporated into element head.

Rust proof element head.

The MOISTURE PROOF HEAD really solves the problem of terminal corrosion and subsequent lead burn off.

These features add up to a superior element, and are of particular advantage in hot water systems installed outside.



QUICK REFERENCE GUIDE

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		X 922	13	ZTW 10	76
		X 960	12	ZTYJ 6333	77
		X 1165	65	ZTYJK	77
		X 1534	69	ZWA 12	75

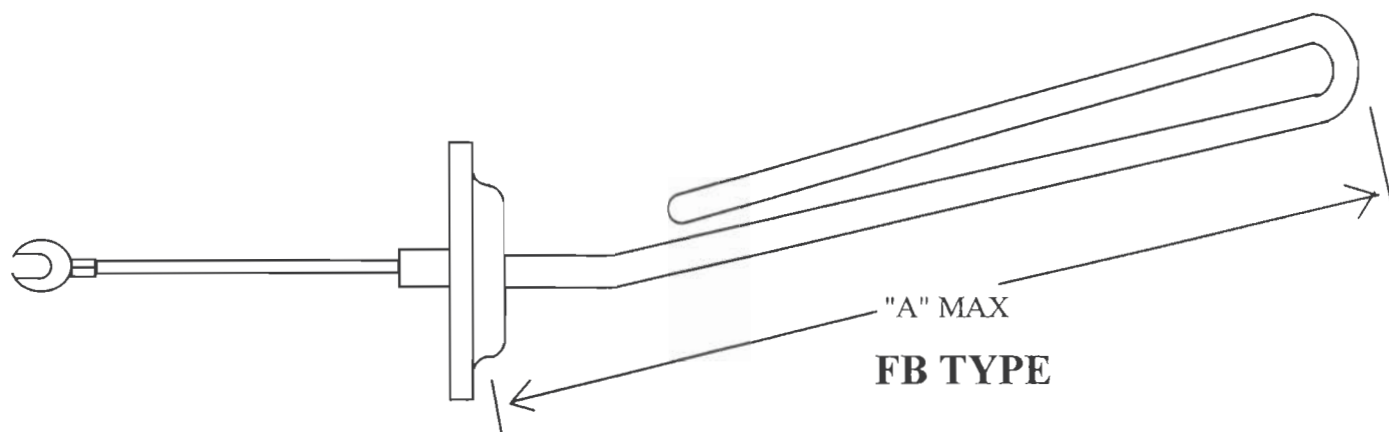
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UNIVERSAL BOLT ON ELEMENTS

COPPER SHEATHED ELEMENTS

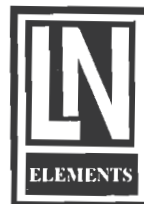


PART No.	RATING Watts	"A" MAX mm	TYPE
RD 24	2400	265	FB
RD 30	3000	320	FB
RD 36	3600	320	FB
RD 48	4800	420	FB

SUPPLIED WITH THE SUPERIOR LN MOISTURE PROOF HEAD.

SUPPLIED with L section gasket with extended skirt (ZGF 5B), 225mm long leads with spade connectors and a resistor.

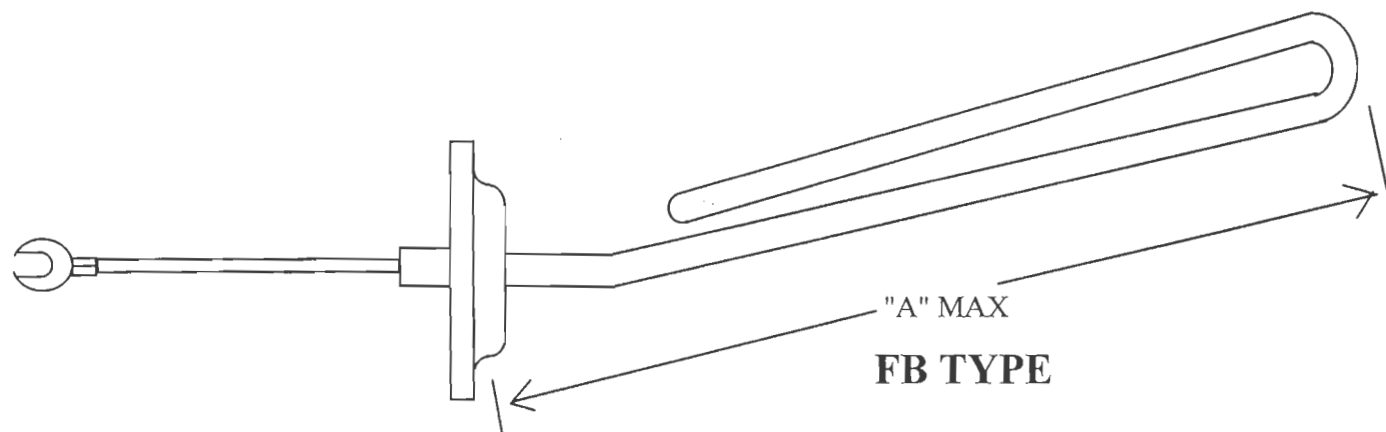
UNIVERSAL BOLT ON ELEMENTS



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CORROSION RESISTANT ALLOY SHEATHED ELEMENTS



PART No.	RATING Watts	"A" MAX mm	TYPE
RDM 24	2400	265	FB
RDM 30	3000	320	FB
RDM 36	3600	320	FB
RDM 48	4800	420	FB

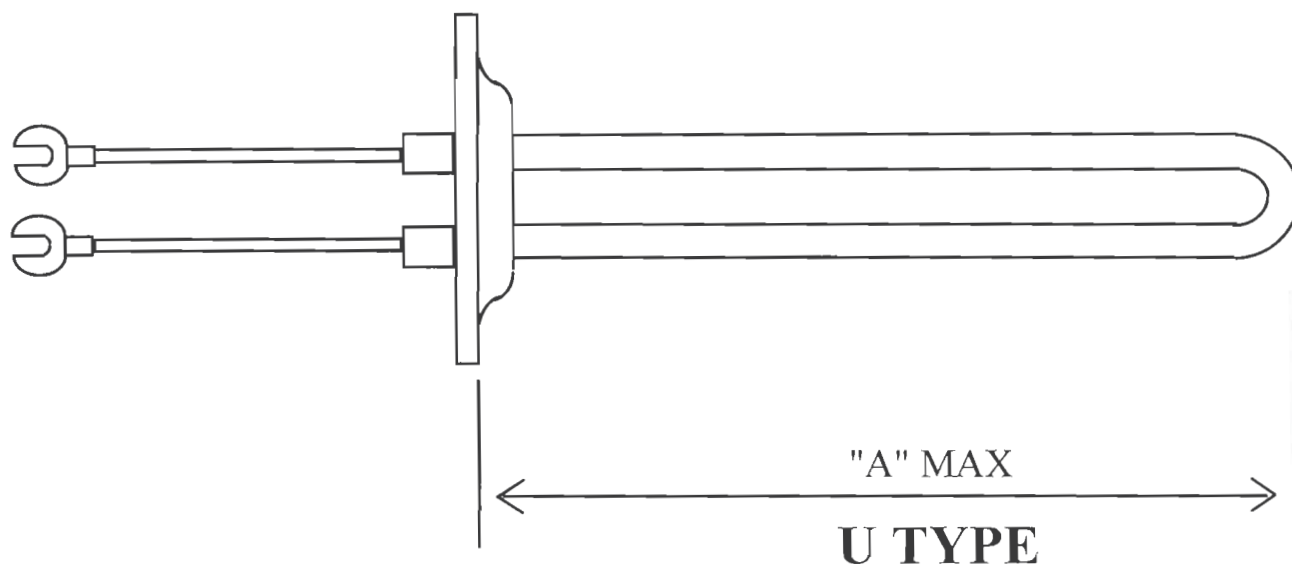
SUPPLIED WITH THE SUPERIOR LN MOISTURE PROOF HEAD.

SUPPLIED with L section gasket (ZGF 5), 225mm long leads with spade connectors and a resistor.



UNIVERSAL BOLT ON ELEMENTS

COPPER SHEATHED ELEMENTS



PART No.	RATING Watts	"A" MAX mm	TYPE
RB 6	600	230	U
RB 7A	750	140	FB
RB 9	900	255	U
RB 10	1000	180	FB
RB 12	1200	280	U
RB 15	1500	305	U
RB 18	1800	230	FB
RB 20	2000	245	FB
RB 24	2400	265	replaced by RD series (page 1)
RB 30	3000	305	replaced by RD series (page 1)
RB 36	3600	305	replaced by RD series (page 1)
RB 36A	3600	210	FB
RB 36L	3600	360	FB
RB 48	4800	405	replaced by RD series (page 1)
RB 48L	4800	480	FB

SUPPLIED WITH THE SUPERIOR LN MOISTURE PROOF HEAD.

SUPPLIED with L section gasket with extended skirt (ZGF 5B), 225mm long leads with spade connectors and a resistor.

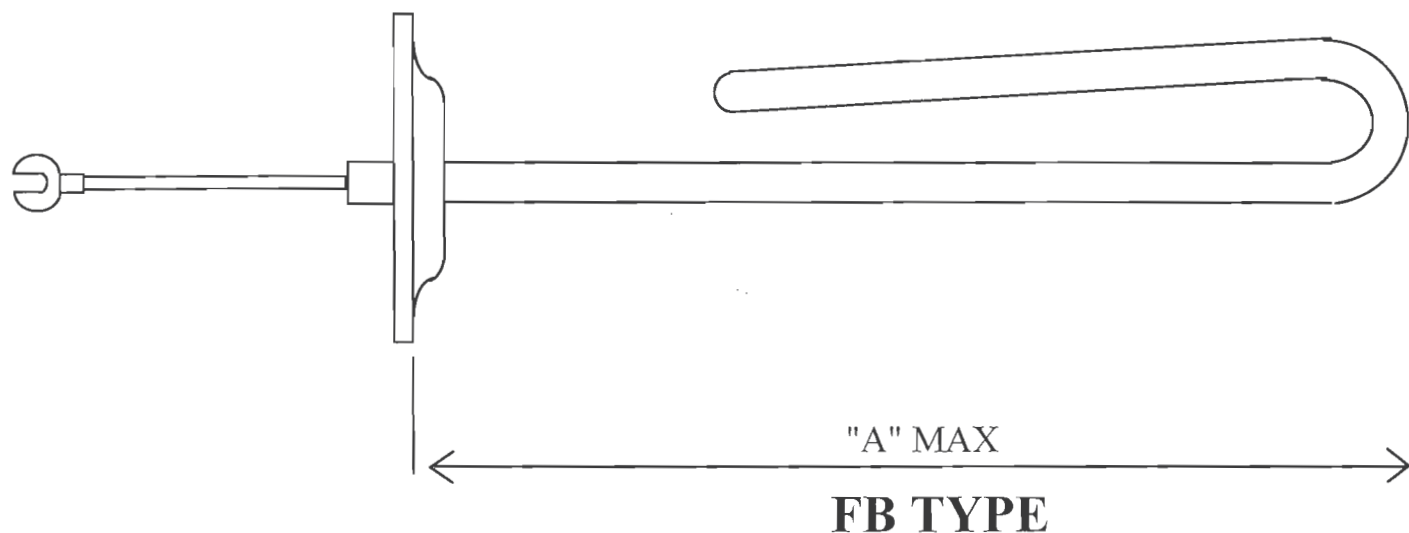
UNIVERSAL BOLT ON ELEMENTS



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CORROSION RESISTANT ALLOY SHEATHED ELEMENTS



PART No.	RATING Watts	"A" MAX mm	TYPE
RBM 1	150	250	FB
RBM 6	600	230	U
RBM 7A	750	140	FB
RBM 9	900	255	U
RBM 10	1000	180	FB
RBM 12	1200	280	U
RBM 12A	1200	160	FB
RBM 15	1500	305	U
RBM 18	1800	230	FB
RBM 18S	1800	370	U
RBM 20	2000	245	FB
RBM 24	2400	265	replaced by RDM series (page 2)
RBM 24A	2400	230	replaced by X 2246 (see page 11)
RBM 30	3000	305	replaced by RDM series (page 2)
RBM 36	3600	305	replaced by RDM series (page 2)
RBM 36A	3600	210	FB
RBM 48	4800	405	replaced by RDM series (page 2)

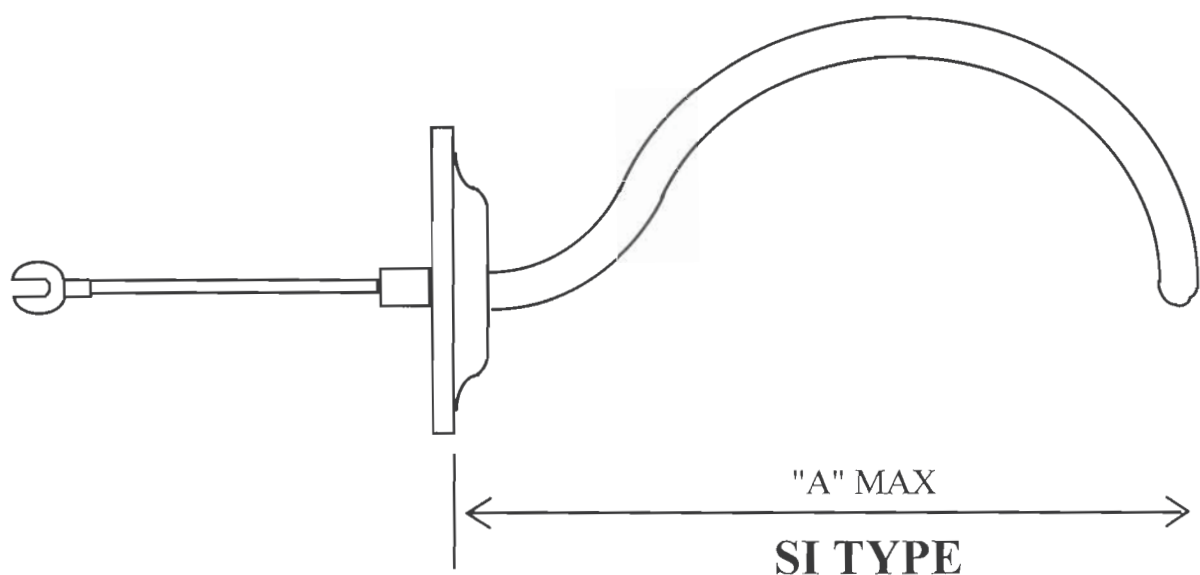
SUPPLIED WITH THE SUPERIOR LN MOISTURE PROOF HEAD.

SUPPLIED with L section gasket (ZGF 5), 225mm long leads with spade connectors and a resistor.



UNIVERSAL BOLT ON ELEMENTS

COPPER SHEATHED ELEMENTS

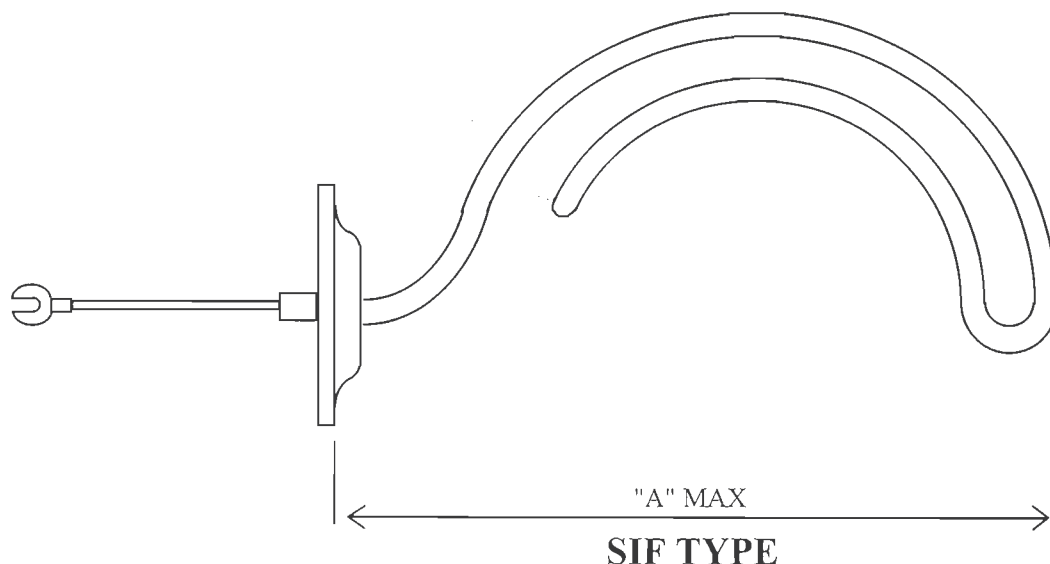


PART No.	RATING Watts	"A" MAX mm	TYPE
RC 12	1200	305	SI
RC 15	1500	305	SI
RC 18	1800	305	SI
RC 20	2000	305	SI
RC 24	2400	305	SIF
RC 30	3000	305	SIF
RC 36	3600	305	SIF
RC 48	4800	305	SIF
RC 60	6000	460	SIF

SUPPLIED WITH THE SUPERIOR LN MOISTURE PROOF HEAD.

SUPPLIED with L section gasket with extended skirt (ZGF 5B), 225mm long leads with spade connectors and a resistor.

CORROSION RESISTANT ALLOY SHEATHED ELEMENTS



PART No.	RATING Watts	"A" MAX mm	TYPE
RCM 12	1200	305	SI
RCM 15	1500	305	SI
RCM 18	1800	305	SI
RCM 20	2000	305	SI
RCM 24	2400	305	SIF
RCM 30	3000	305	SIF
RCM 36	3600	305	SIF
RCM 48	4800	305	SIF
RCM 60	6000	460	SIF

SUPPLIED WITH THE SUPERIOR LN MOISTURE PROOF HEAD.

SUPPLIED with L section gasket (ZGF 5), 225mm long leads with spade connectors and a resistor.



HARD WATER

Many areas of Australia have "HARD WATER" and, in some areas, this so called "Hard Water" will even rapidly corrode alloy 800 sheathed elements. The chemical composition of the water varies from area to area, and from day to day, within an area.

The only sure solution to the problem of element corrosion, is to treat the water.

We know of no commercially available material for element sheathing that can be assured to cover all situations.

Technically, there are many ways in which the failure of the element occurs, but broadly they fall into two main categories:-

- (A) Direct corrosive attack on the element sheath by the impurities and chemicals in the water supply.
- (B) Build up of residue (liming) on the element sheath.

If water treatment is not undertaken, then element life can generally be improved by the following:-

- (1) Low density elements generally give better results. These elements are made by using a longer element for a given wattage.
- (2) Lower thermostat settings. Reduces the rate of corrosion.
- (3) Sacrificial anodes. Their replacement is often neglected.
- (4) Alloy 825 sheathing. Has superior corrosion resistance, but performance will vary from area to area.

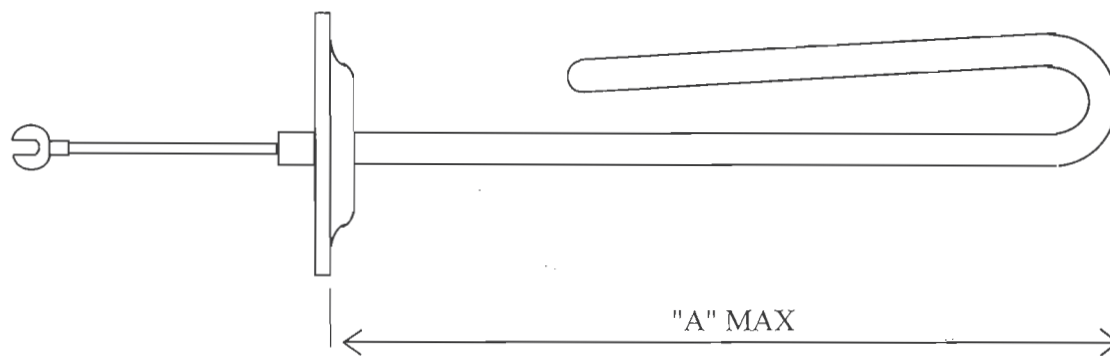
We offer a substantial range of ALLOY 825 LOW DENSITY elements ex stock.

Remember these elements and suggestions can help improve service life only. The only sure solution is water treatment.

We can also manufacture low density elements to your specification if desired.

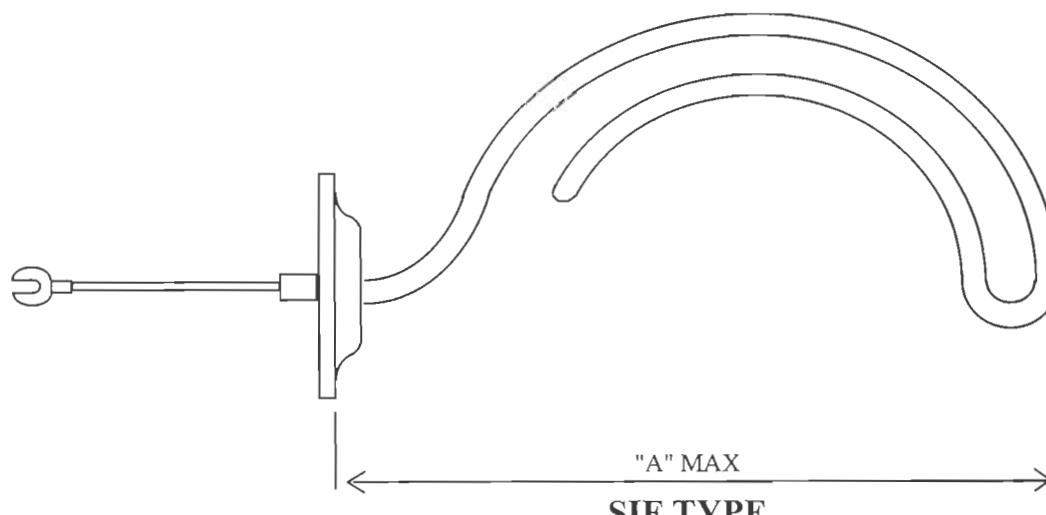
We hope that the above information is of assistance and welcome your enquiries.

LOW WATTS DENSITY ALLOY 825 ELEMENTS FOR HARD WATER AREAS



FB TYPE

PART No.	RATING Watts	"A" MAX mm	TYPE
LBY 18	1800	245	FB
LBY 24	2400	330	FB
LBY 30	3000	400	FB
LBY 36	3600	460	FB
LBY 48	4800	610	FB



SIF TYPE

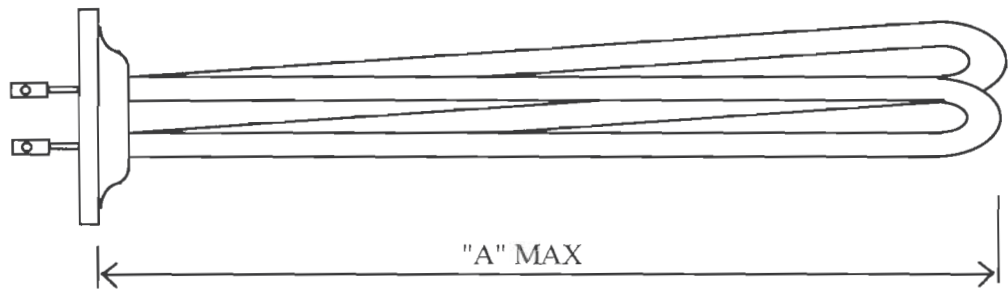
PART No.	RATING Watts	"A" MAX mm	TYPE
LCY 18	1800	305	SIF
LCY 24	2400	305	SIF
LCY 30	3000	305	SIF
LCY 36	3600	460	SIF
LCY 48	4800	460	SIF

SUPPLIED with L section gasket (ZGF 5), 225mm long leads with spade connectors and a resistor.



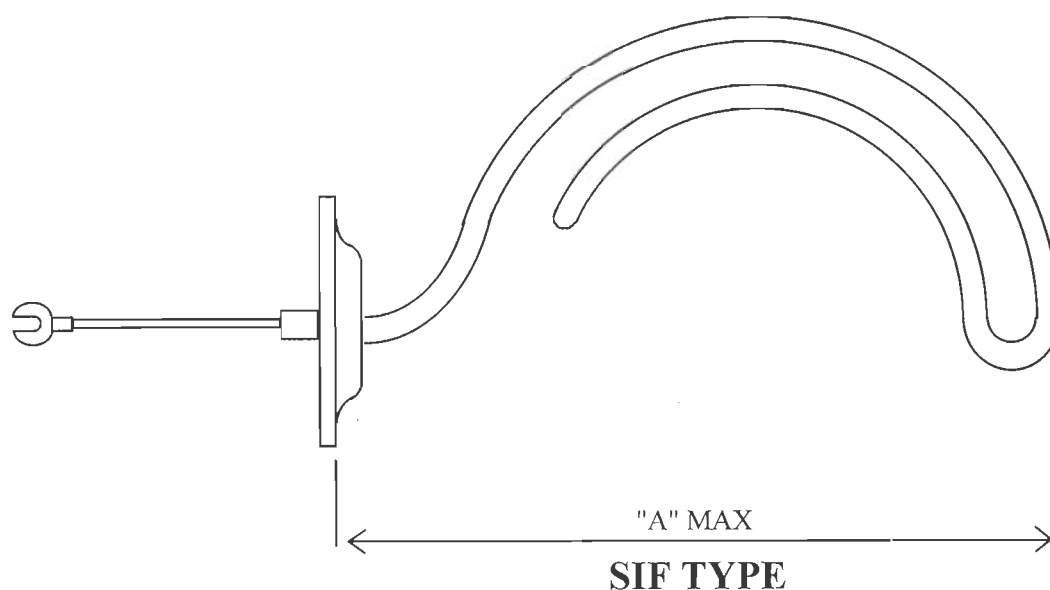
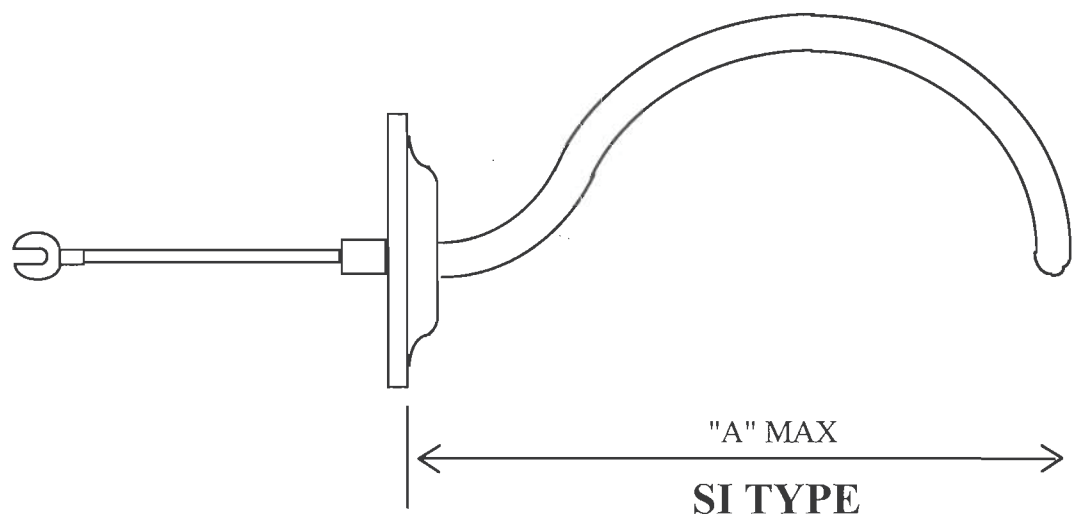
SPECIAL BOLT ON ELEMENTS

TWIN BOLT ON ELEMENTS



PART No.	RATING Watts	"A" MAX mm	TYPE
RBTM 48	4800	480	U
RBTM 60	6000	560	U

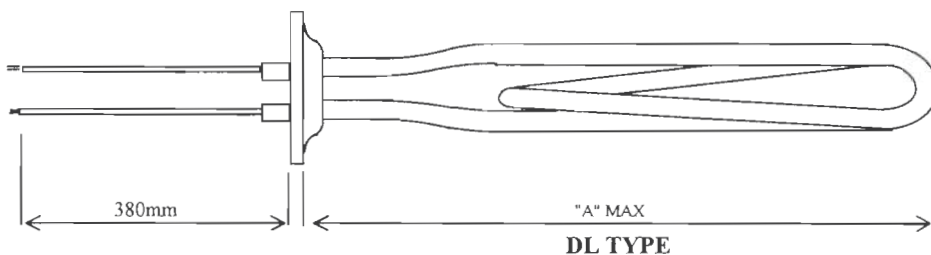
BRAEMAR RILSAN HOT WATER ELEMENTS



PART No.	RATING Watts	"A" MAX mm	TYPE
RF 2504	1200	305	SI
RF 2505	1500	305	SI
RF 2506	1800	305	SI
RF 2507	2400	305	SI
RF 2508	3000	305	SIF
RF 2509	3600	305	SIF
RF 2510	4800	305	SIF



SPECIAL BOLT ON ELEMENTS



X 2246

2400W 240V

A MAX = 210mm

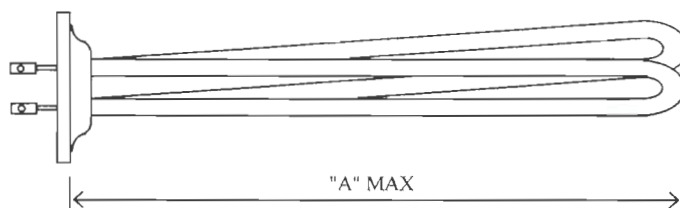
FOR WHELAN UNIT

X 2255

2400W 240V

A MAX = 265mm

FOR WHELAN UNIT

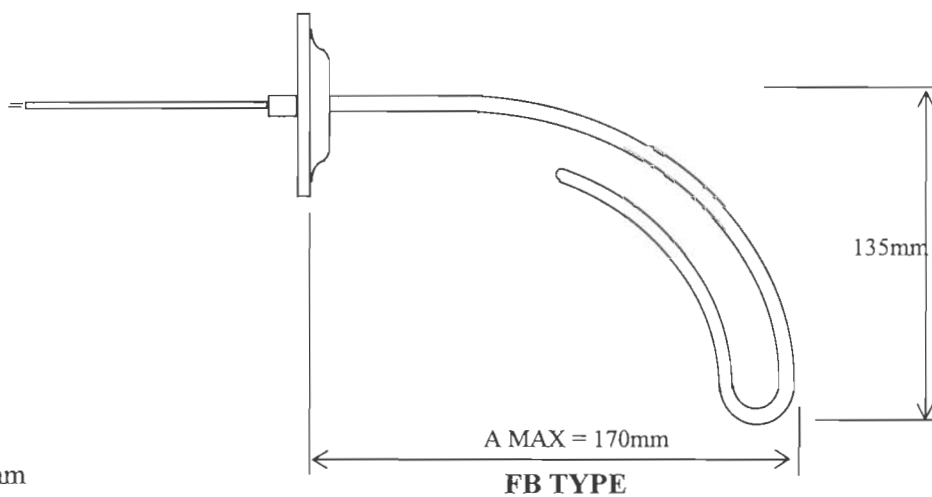


X 2421

4800W 240V

A MAX = 435mm

FOR WHELAN UNIT



X 2224

2000W 240V

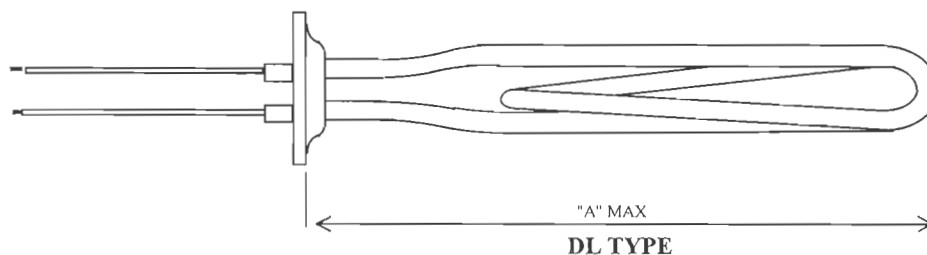
A MAX = 170mm

FOR WHELAN UNIT

SPECIAL BOLT ON ELEMENTS



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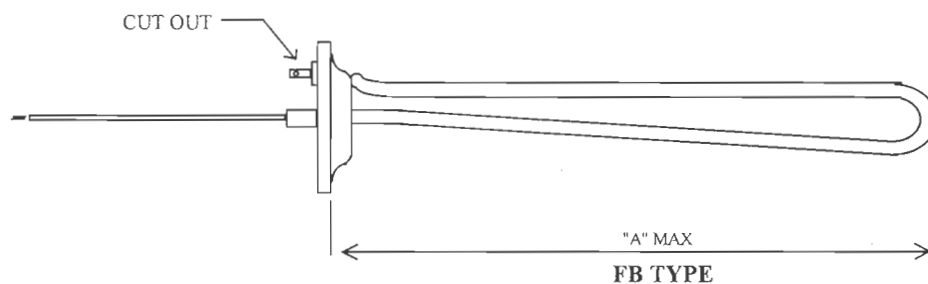


X 960

3600W 240V

A MAX = 280mm

FOR WILSON UNIT



X 2200

2400W 240V

A MAX = 200mm

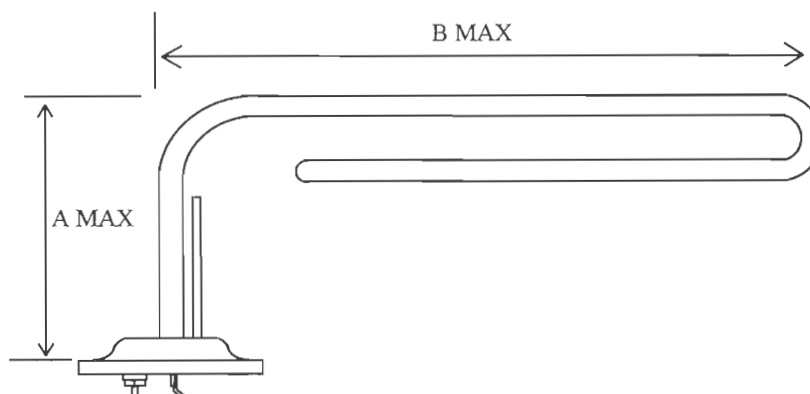
FOR WILSON UNIT

X 2289

3600W 240V

A MAX = 280mm

FOR WILSON UNIT



RL 24

2400W 240V

A MAX = 120mm

B MAX = 150mm

FOR RHEEM LAZER UNIT

RL 36

3600W 240V

A MAX = 120mm

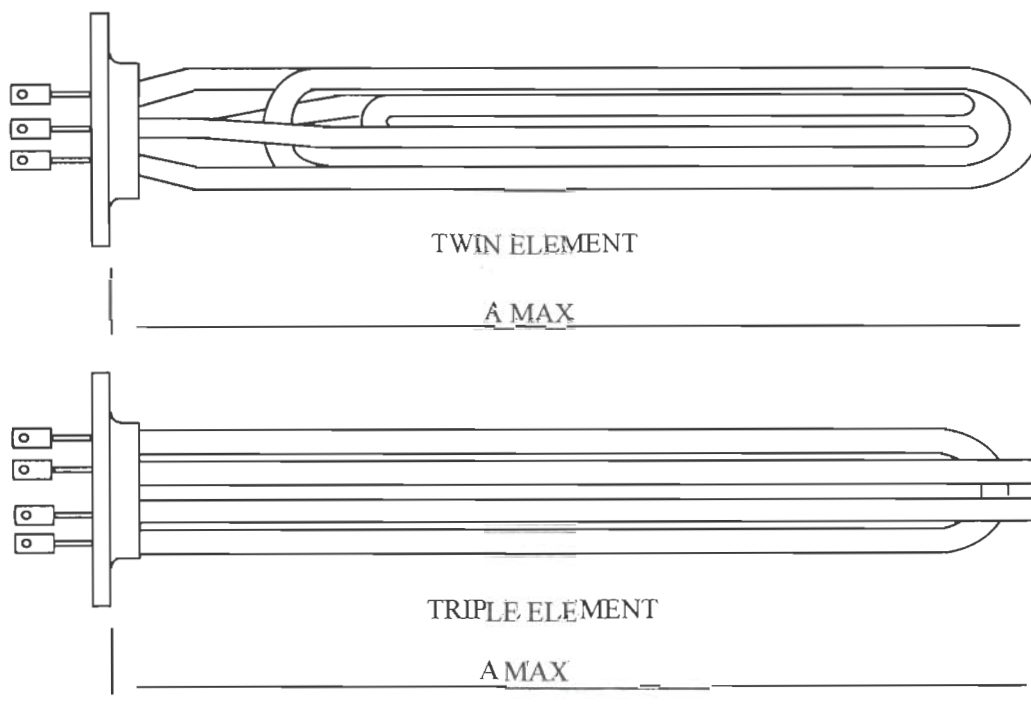
B MAX = 200mm

FOR RHEEM LAZER UNIT



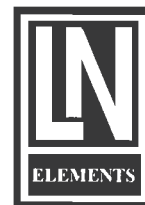
SPECIAL BOLT ON ELEMENTS

ELEMENTS FOR BOILING WATER UNITS



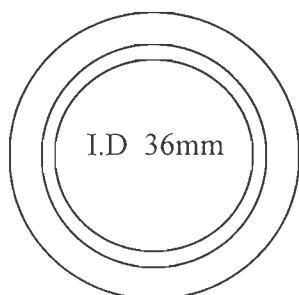
PART No.	RATING		"A" MAX mm	DESCRIPTION
	Main	Pilot		
RBPM 22	2000	250	250	
RBPM 25	2000	500	250	
RBPM 32	3000	250	280	
RBPM 35	3000	500	280	
X 2197	2000	250	350	WHELAN UNIT
X 2198	1400	180	335	WHELAN UNIT
X 2265	2000	350	450	WHELAN UNIT
X 2303A	4500	250	450	WHELAN UNIT
X 2303B	4500	350	450	WHELAN UNIT
X 2303C	4500	500	450	WHELAN UNIT
X 2303D	4500	750	450	WHELAN UNIT
X 2375	3250	250	295	WHELAN UNIT
X 2654	2150	350	350	WHELAN UNIT
X 2655	3150	350	350	WHELAN UNIT
X 922	1800	150	203	WILSON UNIT
UA 24	SEE PAGE 40			
UA 36	SEE PAGE 40			

BOLT ON ELEMENT ACCESSORIES



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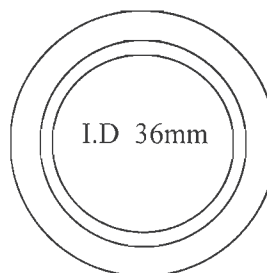


O.D 48.5mm



ZGF 5

L SECTION RUBBER GASKET.

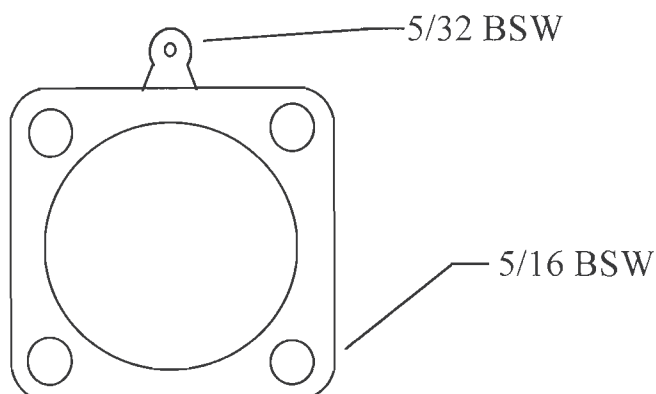


O.D 48.5mm



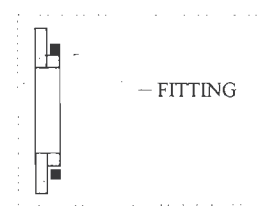
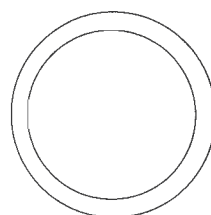
ZGF 5B

RHEEM STYLE L SECTION GASKET
WITH EXTENDED SKIRT.



ZMF

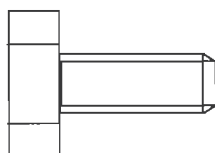
MOUNTING FLANGE FOR
BRAZING TO TANK.



ZGF 5A

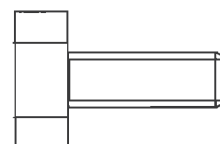
OLD STYLE RUBBER GASKETS.

To be used in conjunction with either ZGF 5 or
ZGF 5B in old units with retaining groove in
mounting flange.



ZFB 2

FIXING BOLT.
5/16"BSW x 1/2" LONG.



ZFB 1

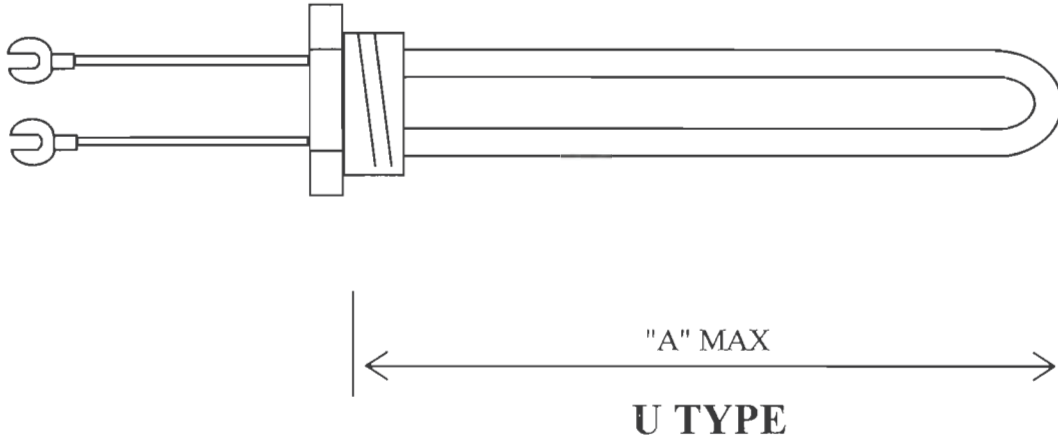
FIXING BOLT.
5/16"BSW x 5/8" LONG.



1" BSP WATER HEATING ELEMENTS

COPPER SHEATHED ELEMENTS

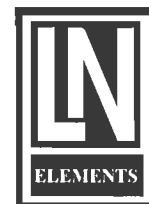
Thread O.D 32mm



PART No.	RATING Watts	"A" MAX mm	TYPE	
RHC 6	600	230	U	
RHC 7A	750	140	FB	Replace with RHC 7D
RHC 7D	750	101	FB	
RHC 9	900	255	U	
RHC 12	1200	280	U	
RHC 12B	1200	180	FB	
RHC 15	1500	305	U	
RHC 18	1800	230	FB	
RHC 20	2000	245	FB	
RHC 24	2400	280	FB	
RHC 24A	2400	140	FB	Cafe Bar see pg. 49
RHC 30	3000	305	FB	
RHC 36	3600	305	FB	
RHC 36A	3600	255	FB	
RHC 48	4800	305	FB	
X 888	1800	180	FB	La Scotty see pg. 49
RLC 48	4800	405	FB	

SUPPLIED with ZGF 4 gasket, 225mm long leads with spade connectors.

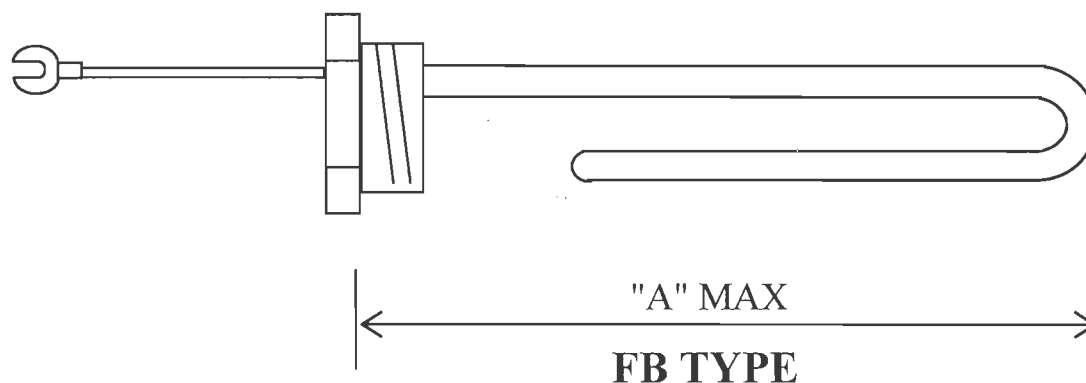
1" BSP WATER HEATING ELEMENTS



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16

CORROSION RESISTANT ALLOY SHEATHED ELEMENTS

Thread O.D 32mm



PART No.	RATING Watts	"A" MAX mm	TYPE
RHM 6	600	230	U
RHM 9	900	255	U
RHM 12	1200	280	U
RHM 15	1500	305	U
RHM 18	1800	230	FB
RHM 20	2000	245	FB
RHM 24	2400	280	FB
RHM 30	3000	305	FB
RHM 36	3600	305	FB
RHM 36A	3600	255	FB
RHM 48	4800	305	FB
RLM 48	4800	405	FB

SUPPLIED with ZGF 4 gasket, 225mm long leads with spade connectors.



HARD WATER

Many areas of Australia have "HARD WATER" and, in some areas, this so called "Hard Water" will even rapidly corrode alloy 800 sheathed elements. The chemical composition of the water varies from area to area, and from day to day, within an area.

The only sure solution to the problem of element corrosion, is to treat the water.

We know of no commercially available material for element sheathing that can be assured to cover all situations.

Technically, there are many ways in which the failure of the element occurs, but broadly they fall into two main categories:-

- (A) Direct corrosive attack on the element sheath by the impurities and chemicals in the water supply.
- (B) Build up of residue (liming) on the element sheath.

If water treatment is not undertaken, then element life can generally be improved by the following:-

- (1) Low density elements generally give better results. These elements are made by using a longer element for a given wattage.
- (2) Lower thermostat settings. Reduces the rate of corrosion.
- (3) Sacrificial anodes. Their replacement is often neglected.
- (4) Alloy 825 sheathing. Has superior corrosion resistance, but performance will vary from area to area.

We offer a substantial range of ALLOY 825 LOW DENSITY elements ex stock.

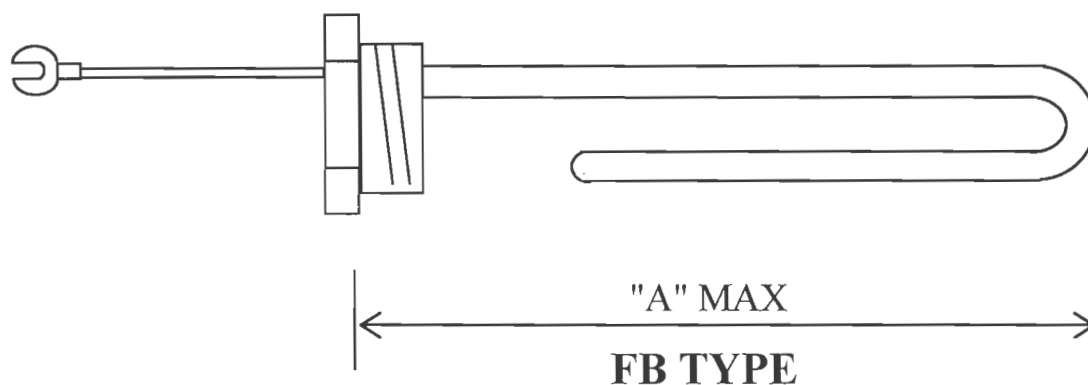
Remember these elements and suggestions can help improve service life only. The only sure solution is water treatment.

We can also manufacture low density elements to your specification if desired.

We hope that the above information is of assistance and welcome your enquiries.

LOW WATTS DENSITY ALLOY 825 ELEMENTS FOR HARD WATER AREAS

Thread O.D 32mm

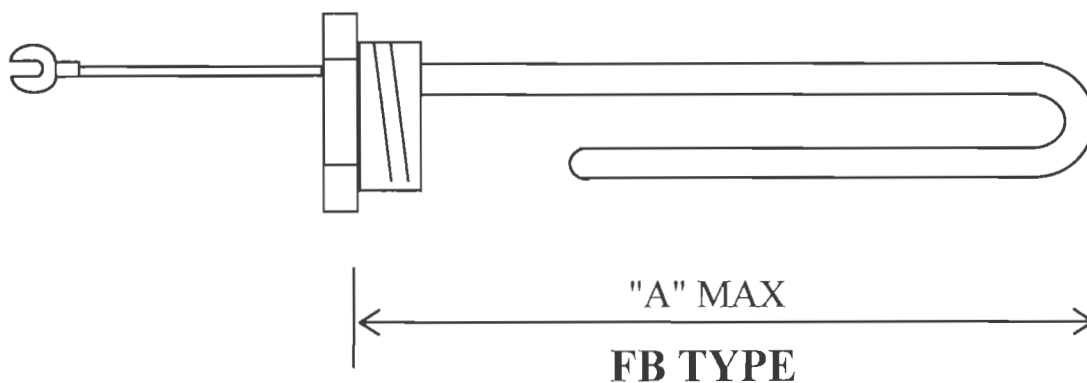
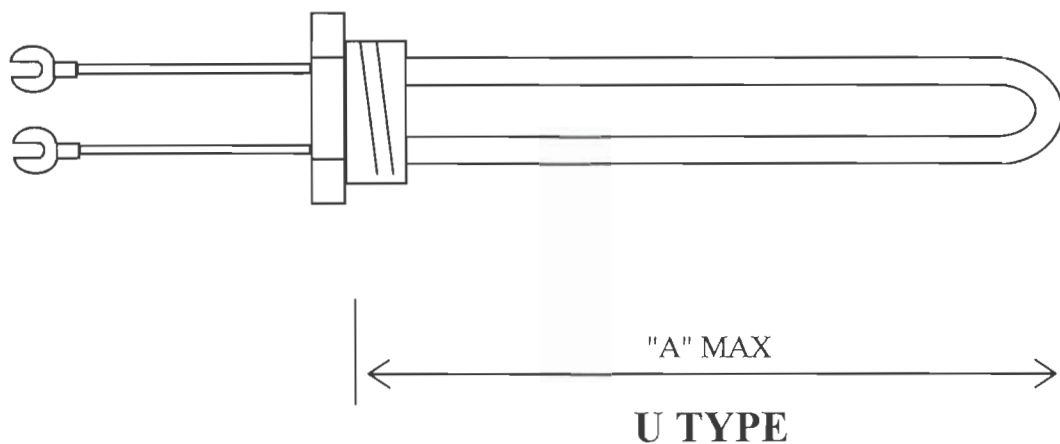


PART No.	RATING Watts	"A" MAX mm	TYPE
LHY 18	1800	245	FB
LHY 24	2400	330	FB
LHY 30	3000	400	FB
LHY 36	3600	460	FB
LHY 48	4800	610	FB

SUPPLIED with ZGF 4 gasket, 225mm long leads with spade connectors.



SPECIAL 1" BSP ELEMENTS



PART No.	RATING Watts	"A" MAX mm	TYPE	DESCRIPTION
X 888	1800	180	FB	FOR LA SCOTTY'S CAPPUCCINO MAKER
X 790	4800	365	FB	FOR DJQ STERILIZER
DHM 18	1800	370	U	FOR EDWARDS SOLAR HWS
DHM 24	2400	470	U	FOR EDWARDS SOLAR HWS
DHM 30	3000	580	U	FOR EDWARDS SOLAR HWS
DHM 36	3600	580	U	FOR EDWARDS SOLAR HWS
X 627	2400	235	FB	FOR NORRIS GLASS WASHER

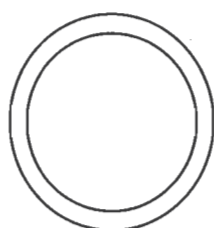
SUPPLIED with ZGF 4 gasket, 225mm long leads with spade connectors.

1" BSP ELEMENT ACCESSORIES

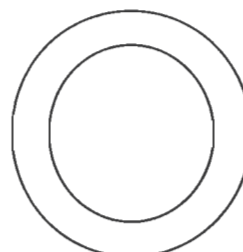


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ZGF 4
RUBBER GASKET



ZGF 4A
FIBRE GASKET



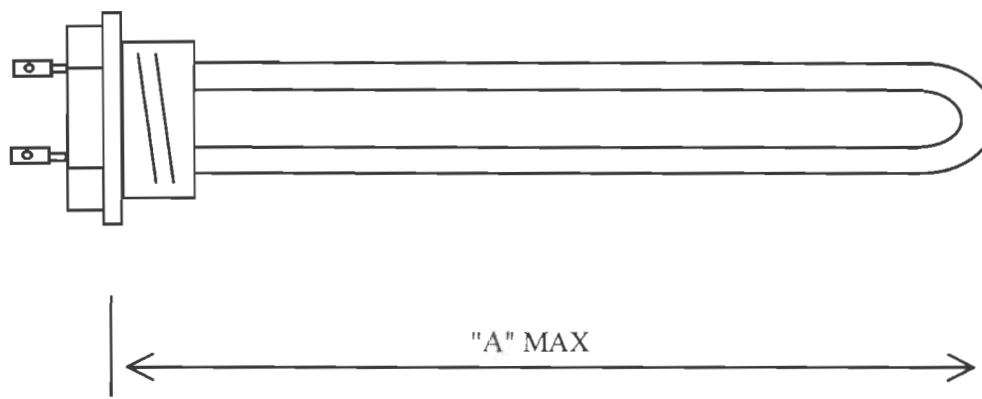
ELS 3
3 WAY SPANNER SUITS 1", 1 1/4" & 2"
BSP ELEMENTS.



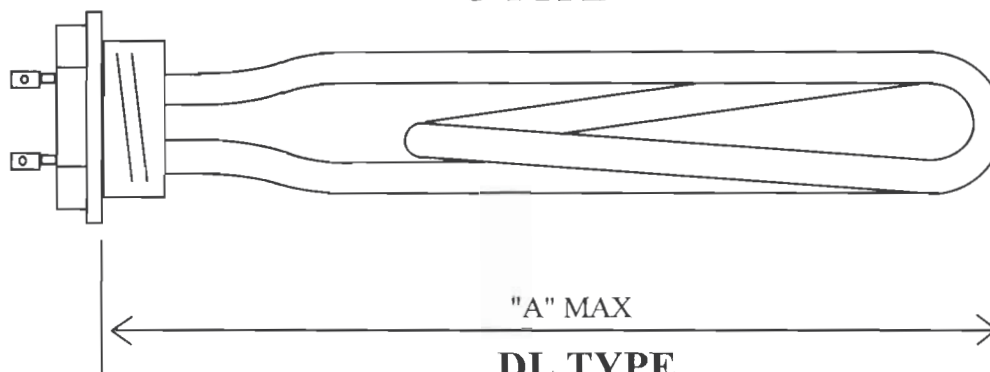
1 1/4" BSP WATER HEATING ELEMENTS

CORROSION RESISTANT ALLOY SHEATHED ELEMENTS

Thread O.D 40mm



U TYPE



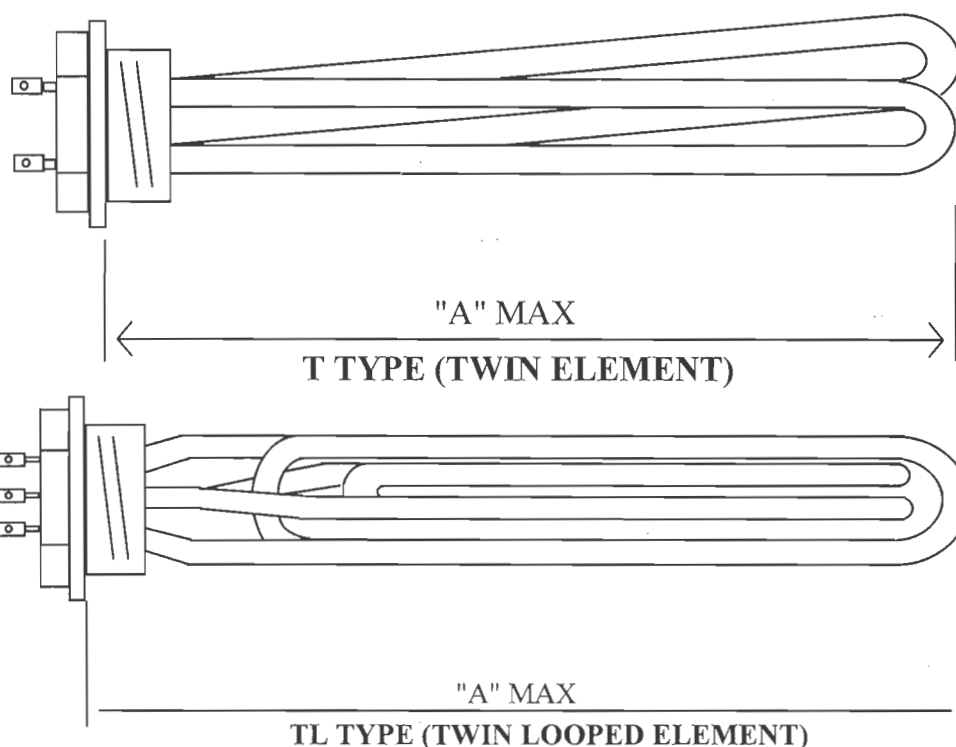
DL TYPE

PART No.	RATING Watts	"A" MAX mm	TYPE	DESCRIPTION
SM 5	500	230	U	
SM 7	750	245	U	
SM 10	1000	270	U	
SM 12	1200	280	U	
SM 15	1500	305	U	
SM 18	1800	230	DL	
SM 20	2000	245	DL	
SY 22C	2200	153	FB	FOR CAFE' BAR COMPACT SEE PAGE 49
SY 22T	2200	153	FB	FOR CAFE' BAR SEE PAGE 49
SM 24	2400	280	DL	
SM 30	3000	305	DL	
SM 36	3600	305	DL	
SM 48	4800	405	DL	

SUPPLIED with fibre gasket (Part no. ZGF 3)

CORROSION RESISTANT ALLOY SHEATHED ELEMENTS

Thread O.D 40mm

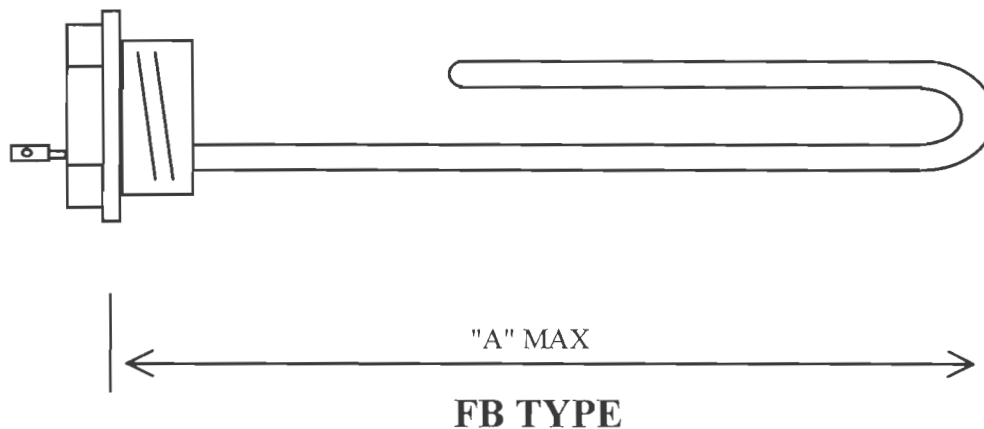


PART No.	RATING Watts	"A" MAX mm	TYPE	
TM 10	1000	230	T	
TM 12	1200	230	T	
TM 15	1500	245	T	
TM 18	1800	255	T	
TM 20	2000	270	T	
TM 24	2400	280	T	
TM 30	3000	305	T	
TM 36	3600	355	T	
TM 40	4000	410	T	
TM 48	4800	460	T	
TM 60	6000	560	T	
TM 60B	6000	305	TL	Spa Pool Heater
TM 72	7200	560	T	
TM 80	8000	560	T	
TM 80B	8000	305	TL	Spa Pool Heater



1 1/4" BSP OIL HEATING ELEMENTS

Thread O.D 40mm



PART No.	RATING Watts	"A" MAX mm	TYPE
SS 5	500	230	FB
SS 7	750	305	FB
SS 10	1000	395	FB
SS 12	1200	460	FB

PLEASE NOTE:

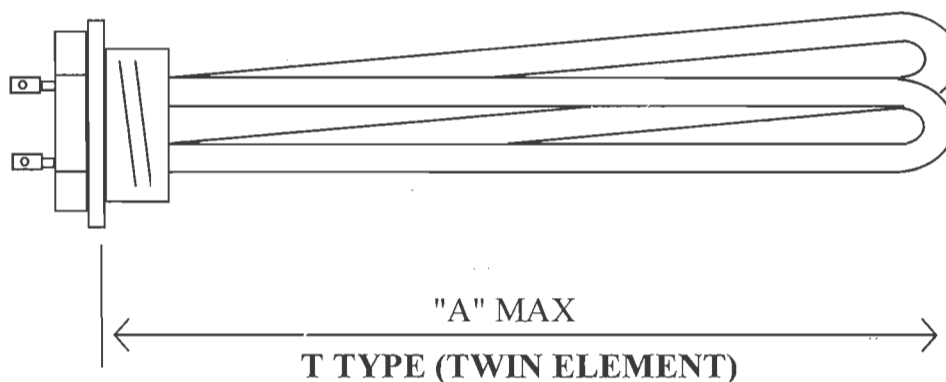
The above elements have a surface loading of 32kw /sq m.
Check with L.N or your oil supplier that this loading is suitable for your particular application.

1 1/4" BSP OIL HEATING ELEMENTS



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24

Thread O.D 40mm



PART No.	RATING Watts	"A" MAX mm	TYPE
TS 15	1500	535	T
TS 20	2000	710	T

PLEASE NOTE:

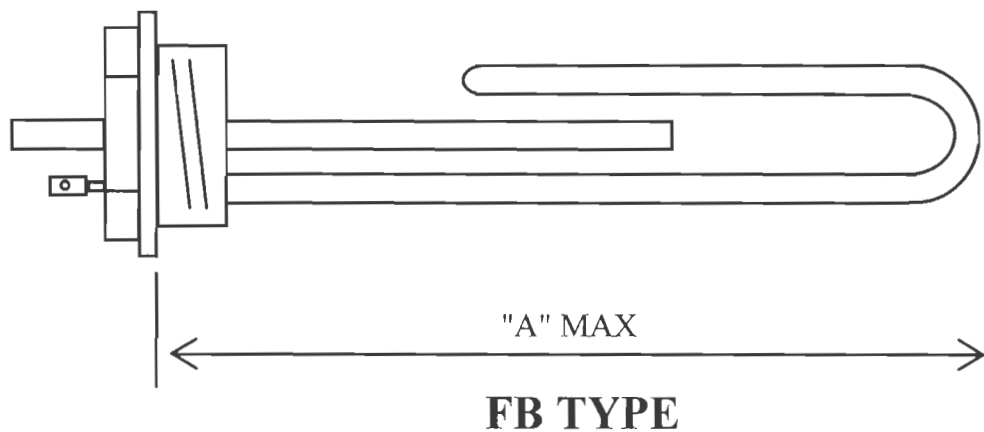
The above elements have a surface loading of 32kw /sq m.
Check with L.N or your oil supplier that this loading is suitable for your particular application.

SUPPLIED with fibre gasket (Part no. ZGF 3)



SPECIAL 1 1/4" BSP ELEMENTS

Thread O.D 40mm



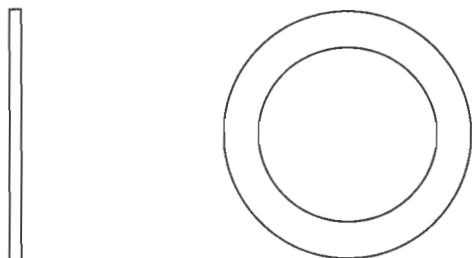
PART No.	RATING Watts	"A" MAX mm	TYPE	DESCRIPTION
SWM 15	1500	305	U	With thermowell
SWM 30	3000	305	U	With thermowell
SY 22T	2200	153	FB	See Page 49
SY 22C	2200	153	FB	See Page 49

SUPPLIED with fibre gasket (Part no. ZGF 3)

1 1/4" BSP ELEMENT ACCESSORIES

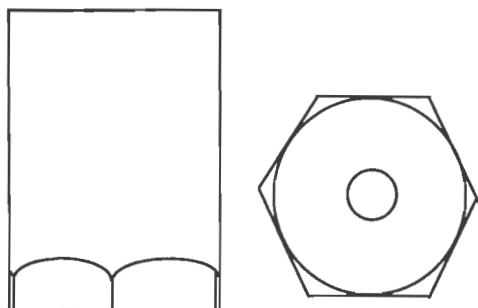


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26



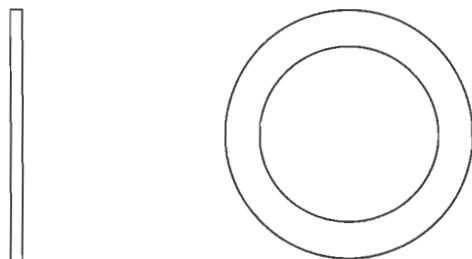
ZGF 3
FIBRE GASKET
FOR 1.25" BSP BOSS

ZBA 3
BRASS NUT
FOR 1.25" BSP BOSS



ZCA 3
ALUMINIUM COVER
FOR 1.25" BSP BOSS

ELS 3
3 WAY SPANNER SUITS 1", 1 1/4" & 2"
BSP ELEMENTS.



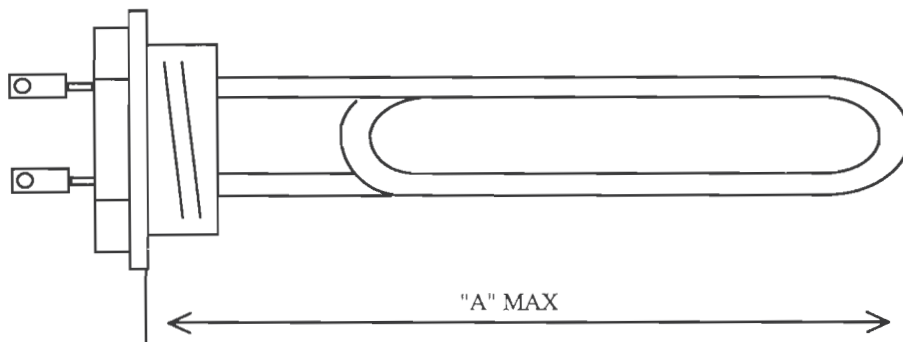
ZGS 3
COPPER GASKET
FOR 1.25" BSP BOSS



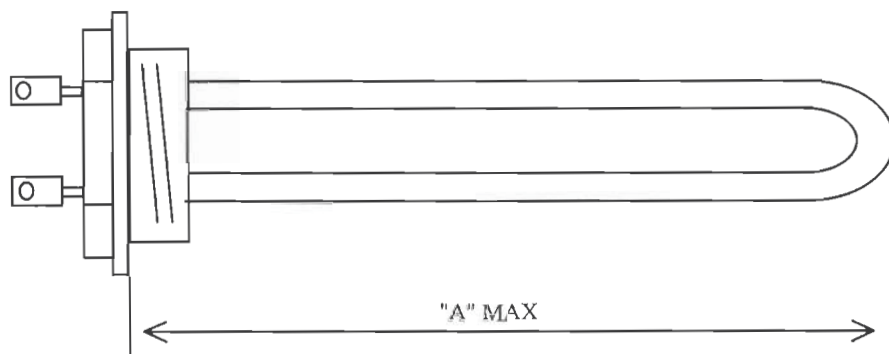
2" BSP WATER HEATING ELEMENTS

CORROSION RESISTANT ALLOY SHEATHED ELEMENTS

Thread O.D 59mm



DL TYPE



U TYPE

PART No.	RATING Watts	"A" MAX mm	TYPE
SXM 5	500	230	U
SXM 7	750	245	U
SXM 10	1000	270	U
SXM 12	1200	280	U
SXM 15	1500	305	U
SXM 18	1800	370	U
SXM 20	2000	245	DL
SXM 24	2400	280	DL
SXM 30	3000	305	DL
SXM 36	3600	380	DL
SXM 48	4800	405	DL

SUPPLIED with fibre gasket. (See Part no. ZGF 2).

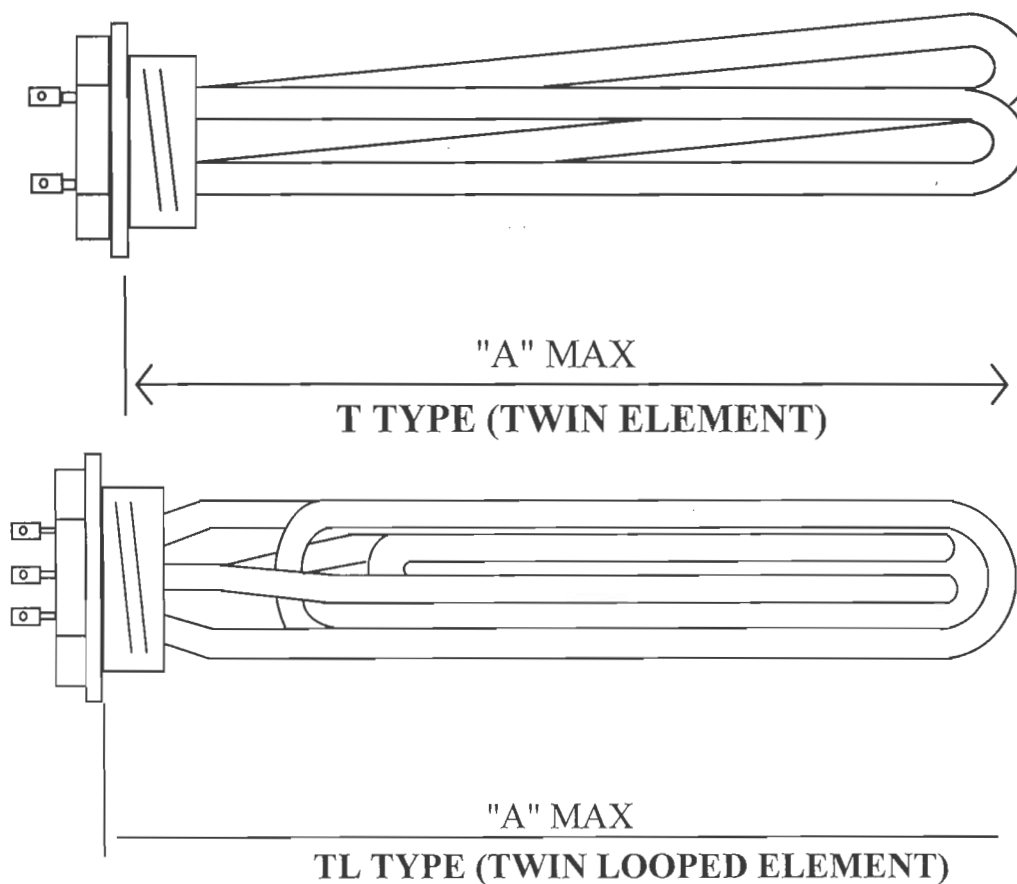
2" BSP WATER HEATING ELEMENTS



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28

CORROSION RESISTANT ALLOY SHEATHED ELEMENTS

Thread O.D 59mm



PART No.	RATING Watts	"A" MAX mm	TYPE
TXM 10	1000	230	T
TXM 15	1500	245	T
TXM 20	2000	270	T
TXM 24	2400	280	T
TXM 30	3000	305	T
TXM 40	4000	410	T
TXM 48	4800	460	T
TXM 60	6000	560	T
TXM 60A	6000	305	TL

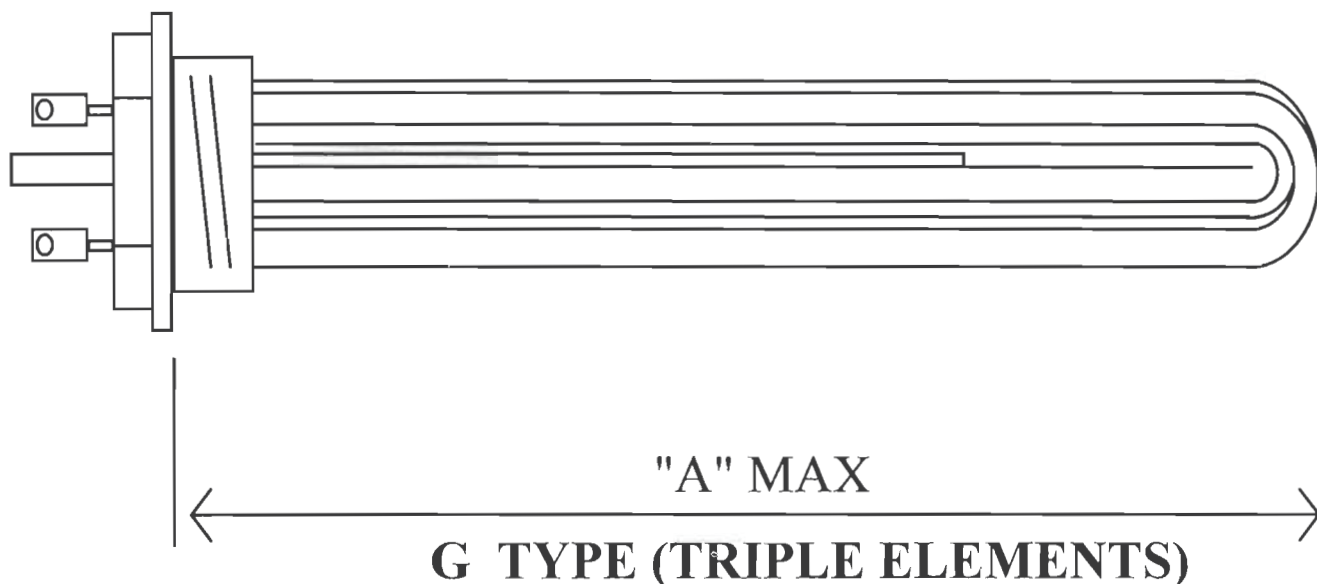
SUPPLIED with fibre gasket. (See Part no. ZGF 2).



2" BSP WATER HEATING ELEMENTS

CORROSION RESISTANT ALLOY SHEATHED ELEMENTS

Thread O.D 59mm

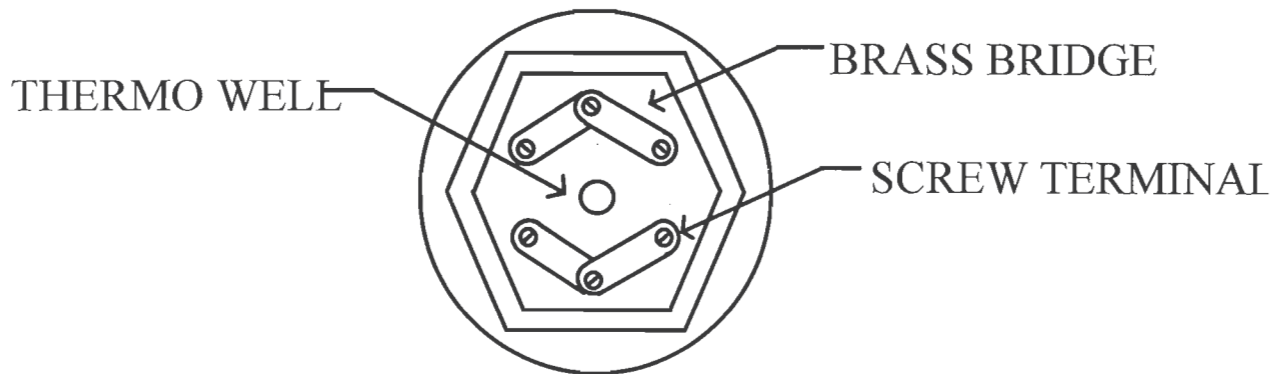


PART No.	RATING Watts	"A" MAX mm	TYPE	
GXM 30	3000	270	G	
GXM 36	3600	280	G	
GXM 45	4500	305	G	
GXM 60	6000	395	G	
GXM 72	7200	460	G	
GXM 90	9000	560	G	
GXM 90S	9000	285	G	SPA HEATER
GXM 108	10800	660	G	
GXM 120S	12000	495	G	SPA HEATER
GXM 144	14400	740	G	
GXM 180	18000	1070	G	

NOTE: ALL THIS SERIES HAVE A THERMO WELL IN THE MIDDLE OF THE BOSS EXCEPT FOR THE GXM 90S AND GXM 120S

SUPPLIED with fibre gasket (See Part no. ZGF 2).

ADDITIONAL INFORMATION



THERMO WELL IN THE CENTRE IS 300mm LONG.

STANDARD BRIDGING FOR ALL GXM (TRIPLE ELEMENT) STYLE UNITS.
GXM STYLE ELEMENTS ARE SUPPLIED BRIDGED, AS SHOWN ABOVE, FOR CONNECTION TO 240V SINGLE PHASE SUPPLY. THEY CAN ALSO BE CONNECTED TO 415V THREE PHASE SUPPLY IN STAR CONNECTION.



HARD WATER

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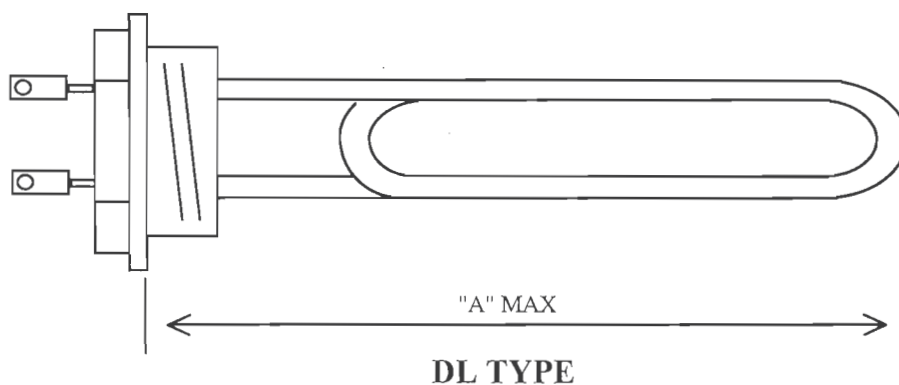
2" BSP WATER HEATING ELEMENTS



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LOW WATTS DENSITY ALLOY 825 ELEMENTS FOR HARD WATER AREAS

Thread O.D 59mm



PART No.	RATING Watts	"A" MAX mm	TYPE
LXY 18	1800	245	DL
LXY 24	2400	330	DL
LXY 30	3000	400	DL
LXY 36	3600	460	DL
LXY 48	4800	610	DL

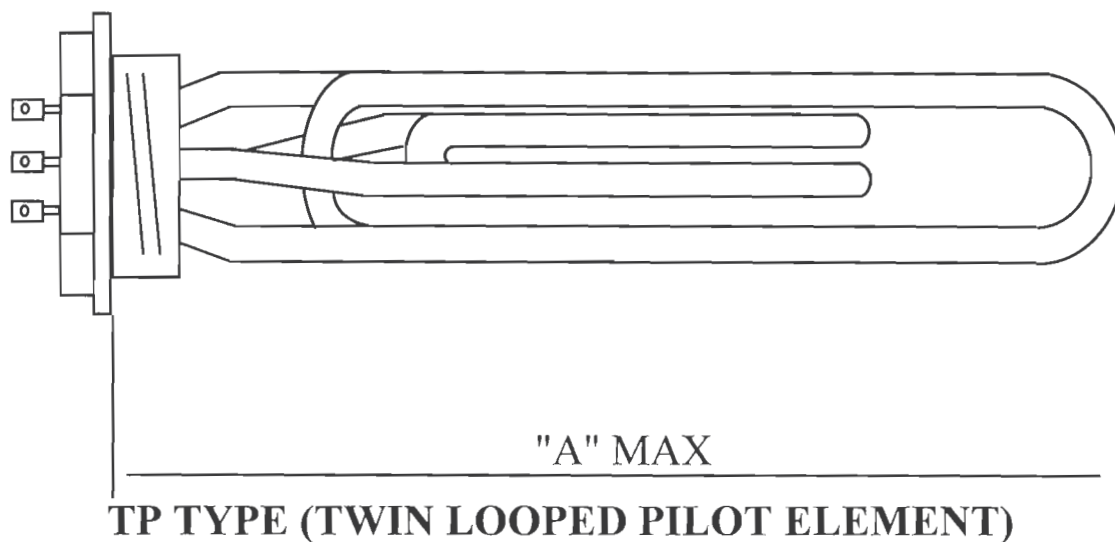
SUPPLIED with fibre gasket (See Part no. ZGF 2).



2" BSP WATER HEATING ELEMENTS

BOILING WATER ELEMENTS

Thread O.D 59mm



PART No.	RATING		"A" MAX mm	TYPE
	Watts Main	Pilot		
SXPM 22	2000	250	245	TP
SXPM 32	3000	250	270	TP

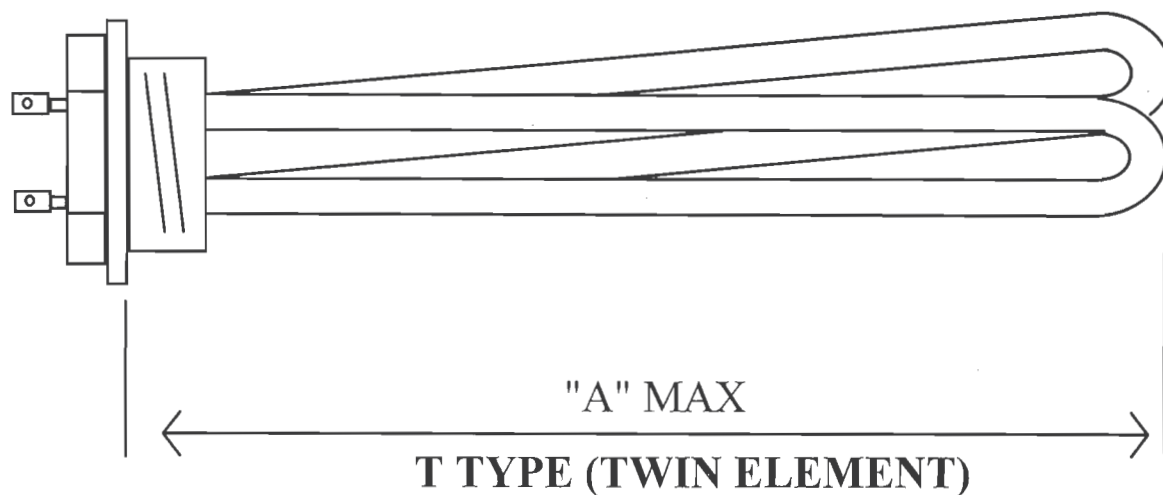
SUPPLIED with fibre gasket (See Part no. ZGF 2).

2" BSP OIL HEATING ELEMENTS



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PART No.	RATING Watts	"A" MAX mm	TYPE
TXS 20	2000	710	T
TXS 24	2400	840	T

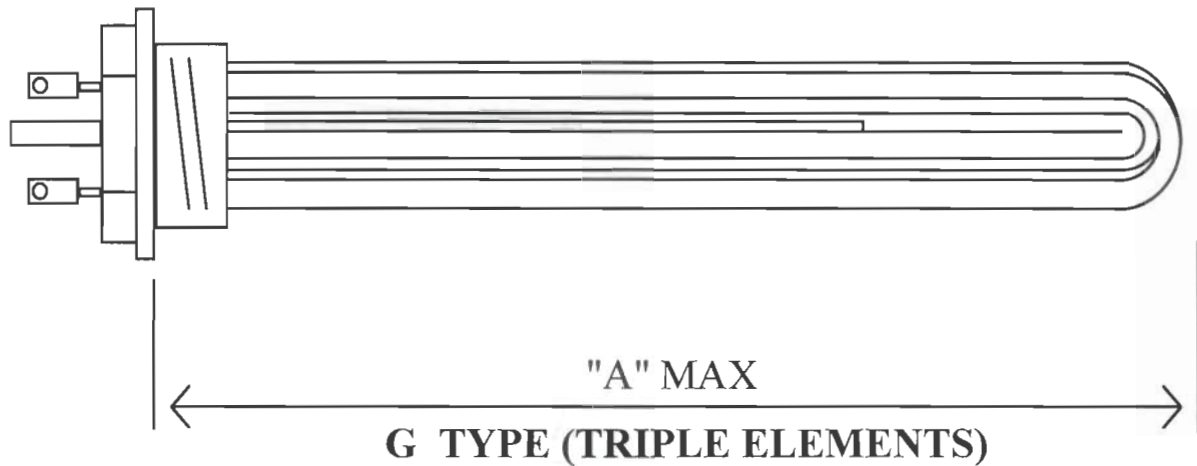
PLEASE NOTE:

The above elements have a surface loading of 32kw /sq m.
Check with L.N or your oil supplier that this loading is suitable for your particular application.

SUPPLIED with fibre gasket (See Part no. ZGF 2).



2" BSP OIL HEATING ELEMENTS



PART No.	RATING Watts	"A" MAX mm	TYPE
GXS 30	3000	710	G
GXS 36	3600	840	G
GXS 48	4800	1090	G

PLEASE NOTE:

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Check with L.N or your oil supplier that this loading is suitable for your particular application.

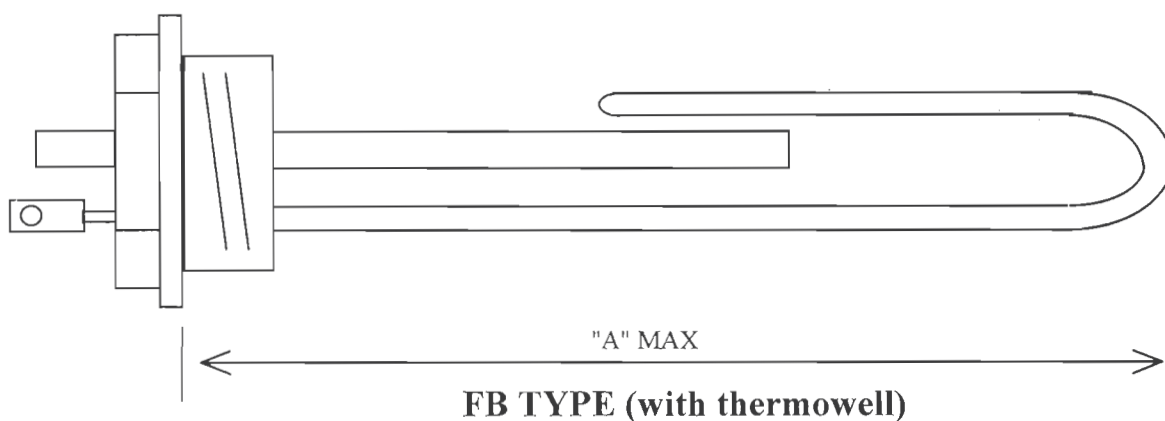
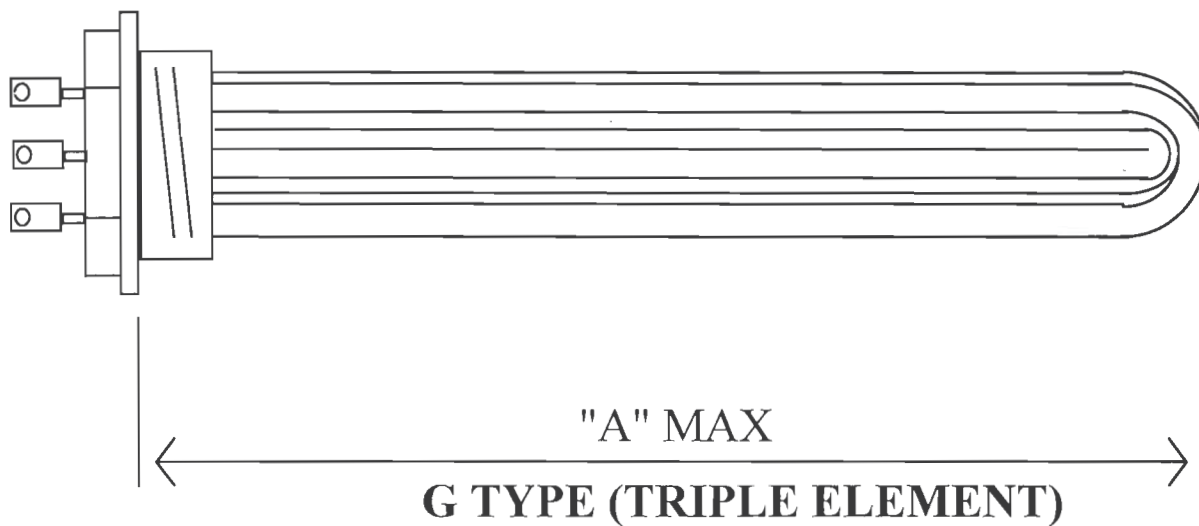
SUPPLIED with fibre gasket (See Part no. ZGF 2).

SPECIAL 2" BSP ELEMENTS



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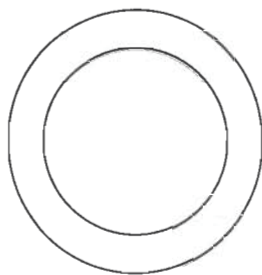


PART No.	RATING Watts	"A" MAX mm	TYPE
X 410	8000	430	G
X 641	6000	395	G
X 2611	2400	600	FB
X 2740	2400	710	FB
SXWM 15	1500	305	FB
SXWM 30	3000	225	FB

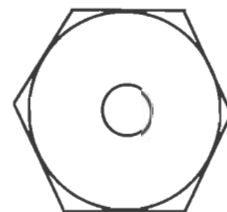
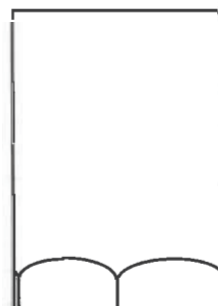
SUPPLIED with fibre gasket (See Part no. ZGF 2).



2" BSP ELEMENT ACCESSORIES



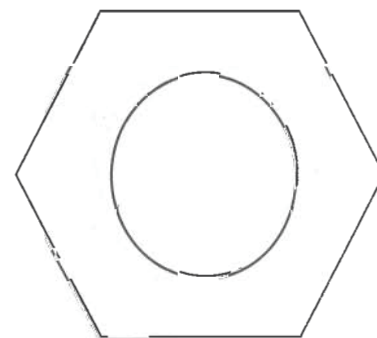
ZGF 2
GASKET FOR 2" BSP BOSS



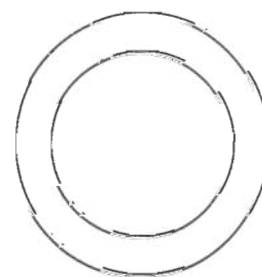
ZCA 2
ALUMINIUM COVER
FOR 2" BSP BOSS



ELS 3
3 WAY SPANNER SUITS 1", 1 1/4" & 2"
BSP ELEMENTS.



ZBA 2
BRASS NUT



ZGS 2
COPPER GASKET
FOR 2" BSP BOSS

URN ELEMENTS SELECTION CHART



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Please note that urn manufacturers have on occasion varied from the elements shown in the following chart.

HECLA URNS

MODEL	ELEMENT
-------	---------

UL 1	UH 12 by 2
UL 2	UH 12 by 2
UL 2TB	UH 8 by 2
UL 4	UH 12 by 2
UL 4B	UH 18 by 2
UL 6	UH 15 by 2
UL 10	UH 15 by 2
U 2	UK 24
U 4	UK 24
U 6	UK 24
U 8	UK 24
U 15	UK 24
U 25	UK 24
U 10S	UK 15
U 20S	UK 24
U 30S	UK 24
U 10ST	U 9
U 20ST	U 24
U 30ST	U 24

BIRKO URNS

MODEL	ELEMENT
-------	---------

51 A	WBF 30
62 A	WBF 60
71 A	UB 24

SERVEX

MODEL	ELEMENT
-------	---------

G 9	U 9 by 2
G 10	U 9 by 2
G 10A	U 10A by 2
G 10M	U 10A by 2
G 12	U 12 by 2
G 12M	U 12 by 2
G 14	U 14 by 2
G 16	U 14 by 2
G 18	U 14 by 2

DUX URNS

MODEL	ELEMENT
-------	---------

A 11	UR 10 by 2
------	------------

WESTGATE URNS

MODEL	ELEMENT
-------	---------

CU 2	U 9 by 2
CU 6	U 9 by 2
MU 1	U 12 by 2
MU 2	U 12 by 2
MU 3	U 9 by 2
MU 4	U 12 by 2
MU 5	U 10A by 2
MU 6	U 12 by 2
U 1	U 10A by 2
U 16	U 10A by 2
U 22	U 9 by 2
U 24	U 9 by 2
U 25	U 9 by 2
U 26	U 9 by 2
U 28	WB 46 by 2
U 30	WB 46 by 2
U 32	WB 46 by 2

ZIP & LANGO URNS

MODEL	ELEMENT
-------	---------

UAS 1	LA 10 by 2
UAS 2	LA 10 by 2
UAS 4	LA 12 by 2
UAS 6	LA 15 by 2
UAS 10	LA 18 by 2
UAS 15	LA 18 by 2

CU 1	LA 12 by 2
CU 2	LA 12 by 2
CU 5	LA 12 by 2
CU 5	LA 12 by 2
DC 1	LA 12 by 2
DC 2	LA 18 by 2
UASSC/ 1	UK 24Z
UASSC/ 2	UK 24Z
UASSC/ 4	UK 24Z
UASSC/ 6	UK 24Z
UASSC/ 10	UK 36L
UASSC/ 15	UK 36L

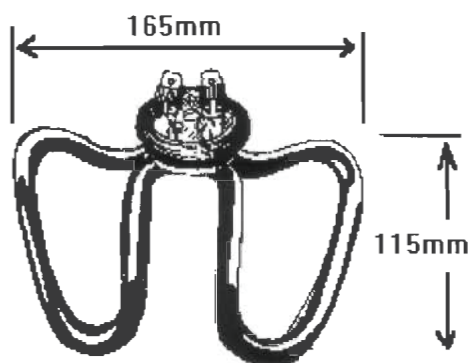
JOMACK URNS

MODEL	ELEMENT
-------	---------

10ltr	UK 15
20ltr	UK 24
30ltr	UK 24

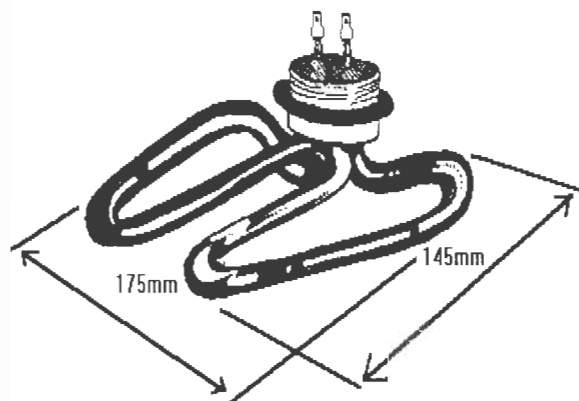
URN ELEMENTS

STANDARD URN ELEMENT

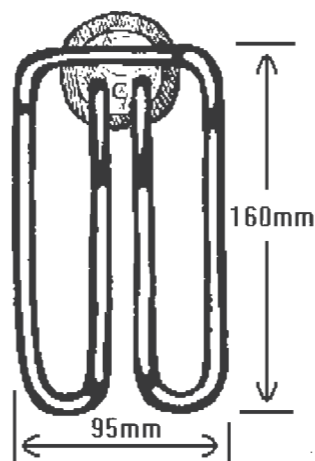


UK 15 1500W 240V Plated Copper
UKM 15 1500W 240V Incoloy Sheath

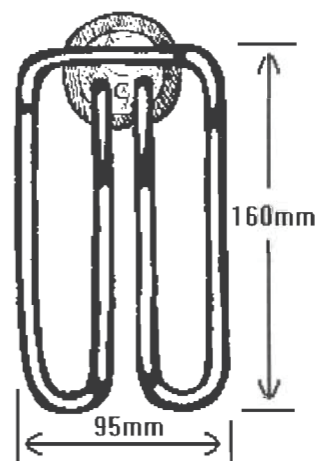
STANDARD URN ELEMENT



UK 24 2400W 240V Plated Copper
UKM 24 2400W 240V Incoloy Sheath

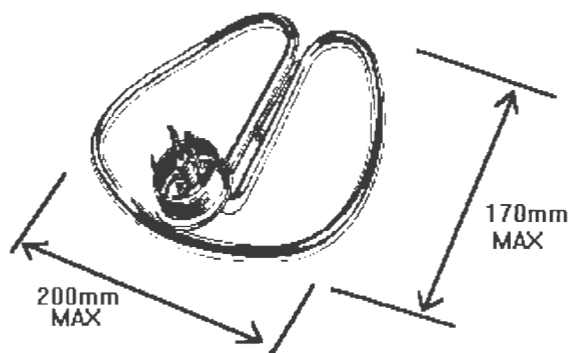


X 2107 - 1500W 240V



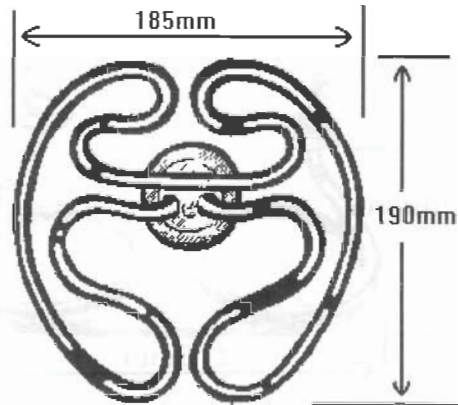
X 2108 - 2400W 240V

STANDARD URN ELEMENT with thermowell for capillary thermostat



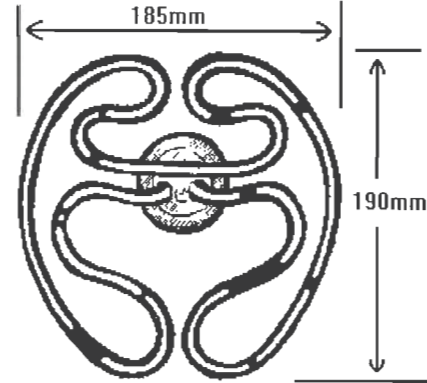
UK 24S 2400W 240V Plated Copper.

LANGCO / ZIP



UK 24L 2400W 240V Plated Copper.
Replace with **UK 24Z**

LANGCO / ZIP



UK 36L 3600W 240V Plated Copper.

LANGCO WALL MOUNTED AUTO URN



UA 24 2400W 240V Plated Copper

LANGCO WALL MOUNTED AUTO URN



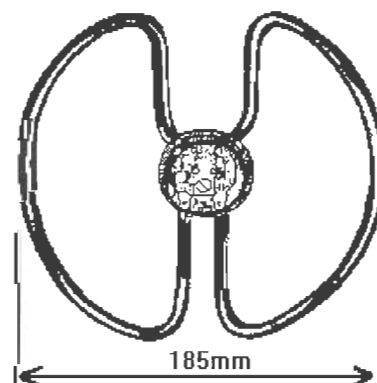
UA 36 3600W 240V Plated Copper.

LANGCO



LA 10 - 1000W 240V
LA 12 - 1200W 240V
LA 15 - 1500W 240V
LA 18 - 1800W 240V
Plated Copper.

ZIP & WOODSON

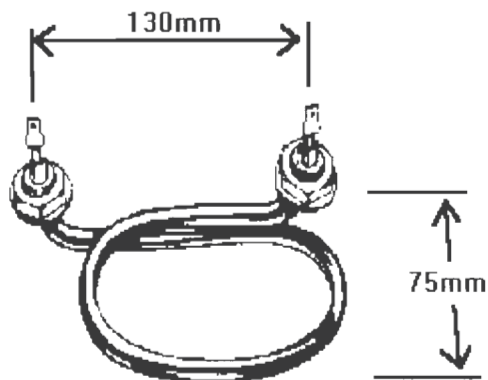


UK 24Z 2400W 240V Plated Copper.



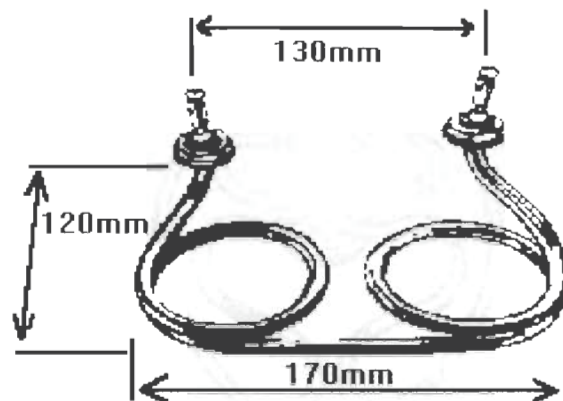
URN ELEMENTS

WESTGATE



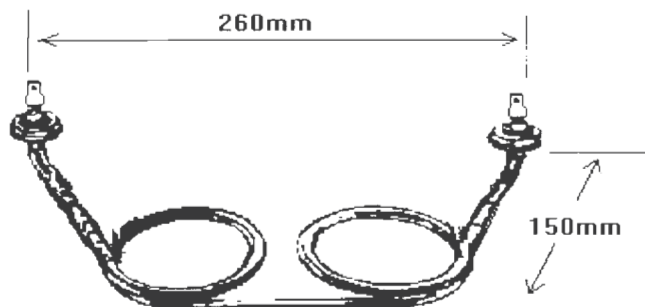
U 10A 750W 240V Plated Copper.

SERVEX & WESTGATE



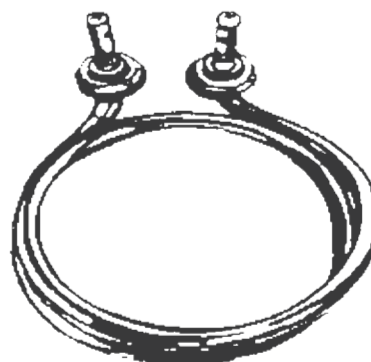
U 12 1200W 240V Plated Copper.

SERVEX



U 14 1500W 240V Plated Copper.

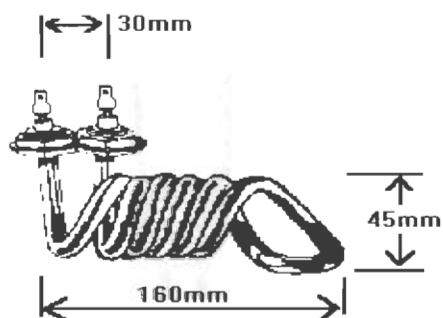
HECLA, WESTGATE & SERVEX



U 9 1500W 240V Plated Copper.

U 24 2400W 240V Plated Copper.

HECLA



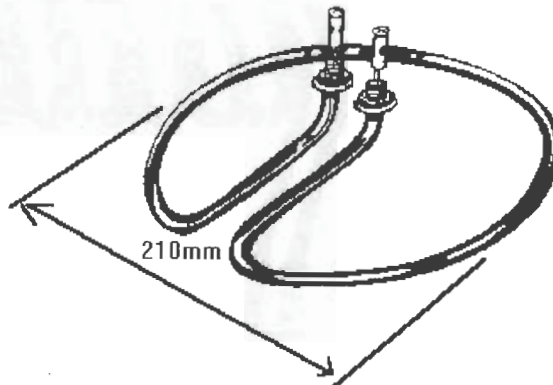
- UH 8 - 800W 240V
- UH 10 - 1000W 240V
- UH 12 - 1200W 240V
- UH 15 - 1500W 240V
- UH 18 - 1800W 240V

FOWLERS VACOLA



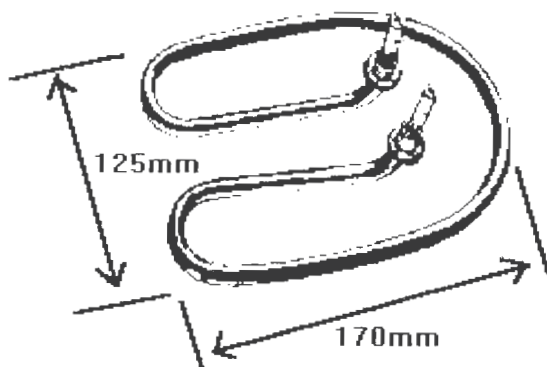
FV 1A - 250W 240V
FV 2A - 750W 240V
FV 3A - 400W 240V
Plated Copper.

FOWLERS VACOLA



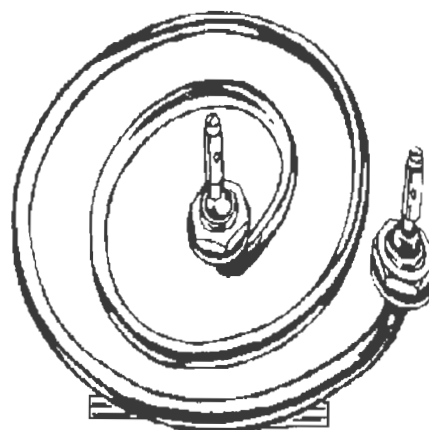
FV 4A - 1400W 240V Plated Copper.

FOWLERS VACOLA



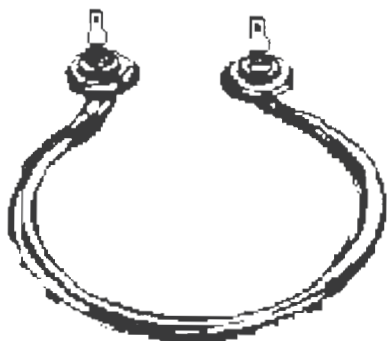
FV 6A - 1800W 240V Plated Copper.

BIRKO 71A



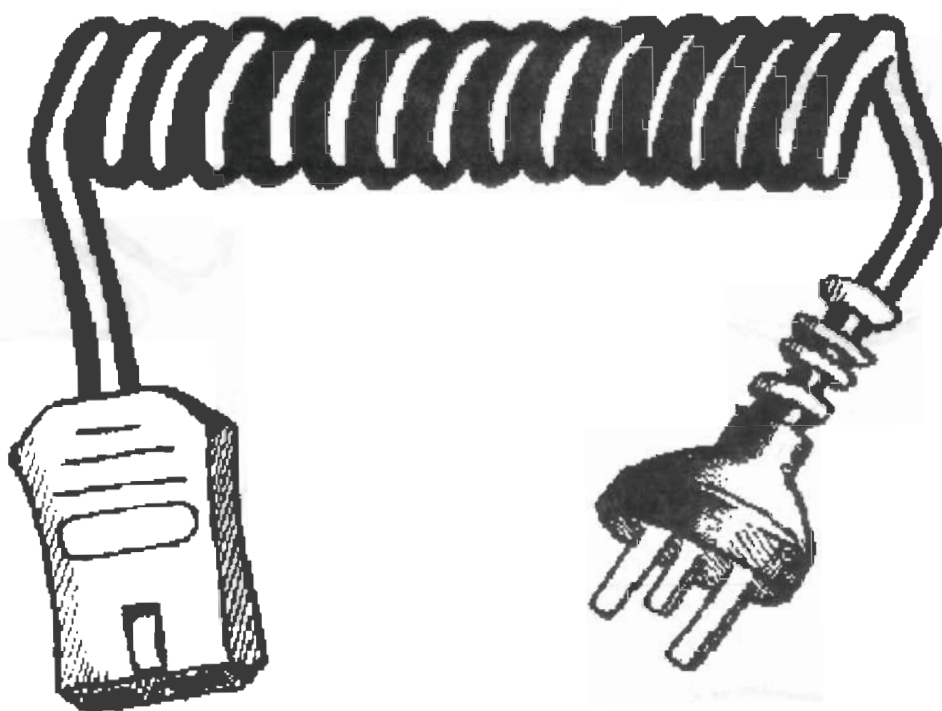
UB 24 - 2400W 240V Plated Copper.

DUX



UR 10 1000W 240V Plated Copper.

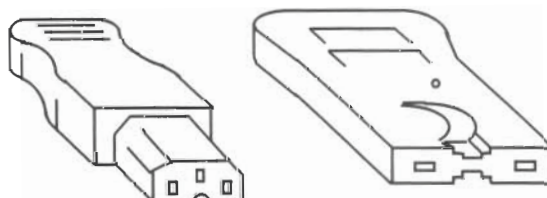
SAFETY CURLY CORDS



PART No.

DESCRIPTION

- | | |
|---------------|---|
| CCS 18 | Has standard Australian 2 pin appliance plug. |
| CCE 24 | Has Euro. type appliance plug. |



SAFETY CURLY CORDS



PAGE

44

LENGTHS OF CURLY CORD

PART No.	DESCRIPTION	COMPRESSED LENGTH	STRETCHED LENGTH
CC 14	Made from 3 core 10 amp cable.	1.5m	5m APROX
CC 14W	Made from 3 core 10 amp white cable.	1.5m	5m APROX
CC 14A	Made from 4 core 10 amp cable.	1.5m	5m APROX
CC 14B	Made from 5 core 10 amp cable.	1.5m	5m APROX

NOTE:- 3 Core 10 Amp Cable is now available in a maximum 3.6 metre compressed length to give an 11 metre stretched length. These are not kept ex stock but are available on request with a two to three week lead time.



BUILD A CURLY CORD

Your name:..... Company:.....

Address:.....

Phone:..... Fax:.....

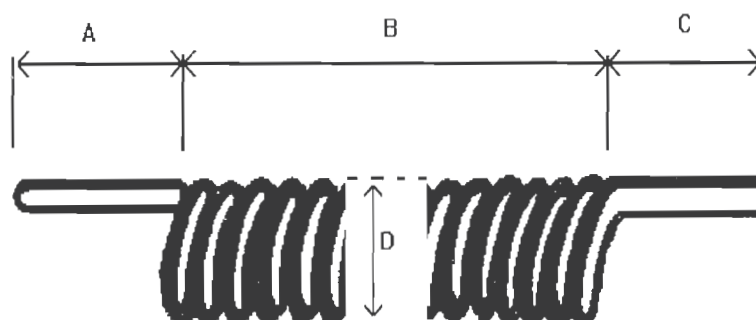
Quantity:.....

Cable Type: 250V POWER ☐ ELECTRONIC ☐ AUDIO ☐ AUTOMOTIVE ☐
SCREENED ☐ UNSCREENED ☐

No Of Conductors:..... Conductor Size(eg 10amp):.....Sheath Colour:.....

Stretched Length:..... End Preparation:.....

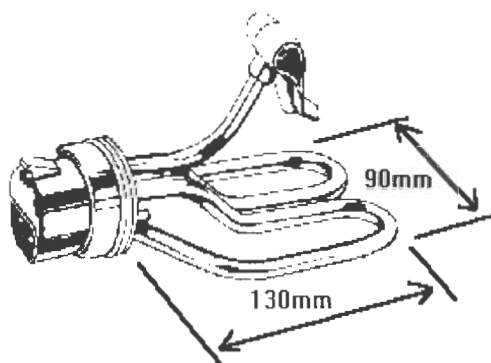
Critical Dimensions:(A).....(B).....(C).....(D).....



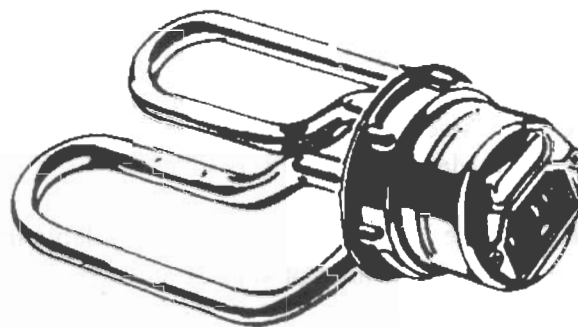


KETTLE ELEMENTS

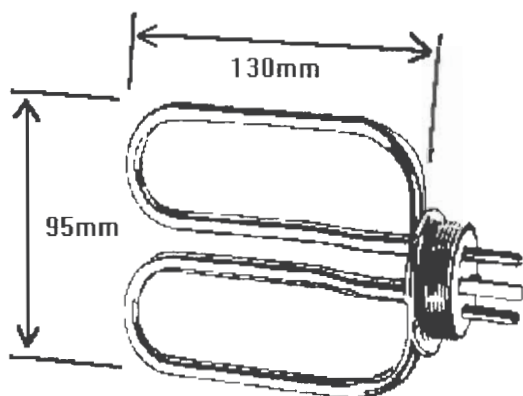
EUROLEC, BREVILLE EK200
& MANY OTHERS.



KES 24E 2400W 240V
40mm BOSS

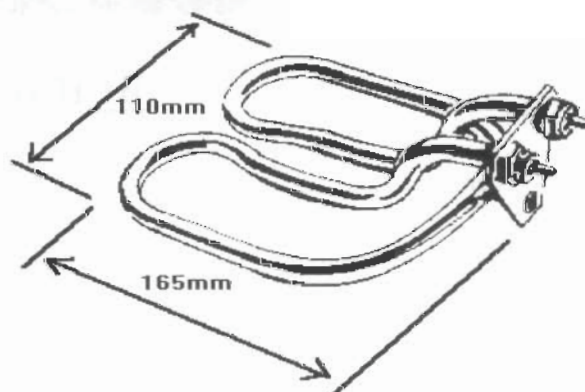


KHE 18 1800W 240V
KHE 24 2400W 240V



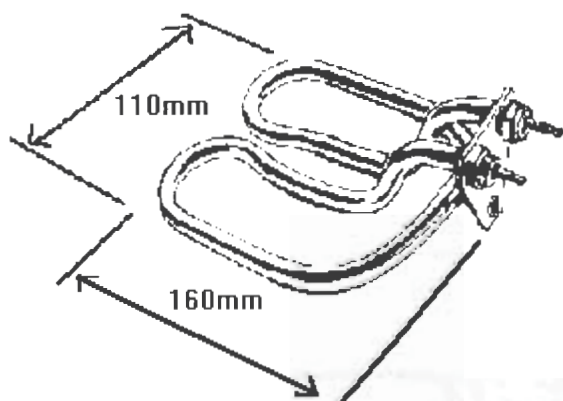
KHA 24 2400W 240V

LANGCO



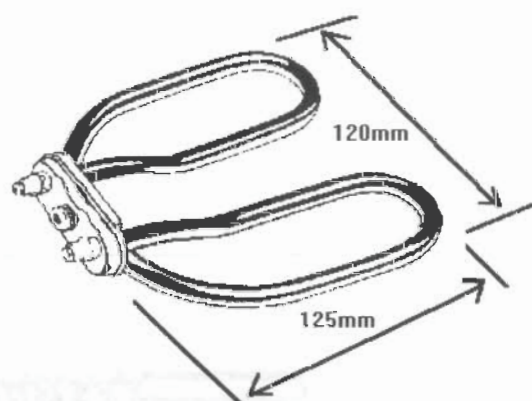
KLC 18 1800W 240V
LANGCO KETTLE

RUSSELL HOBBS K2 & CREDA 97000



KRH 24 2400W 240V

RUSSELL HOBBS - K 3



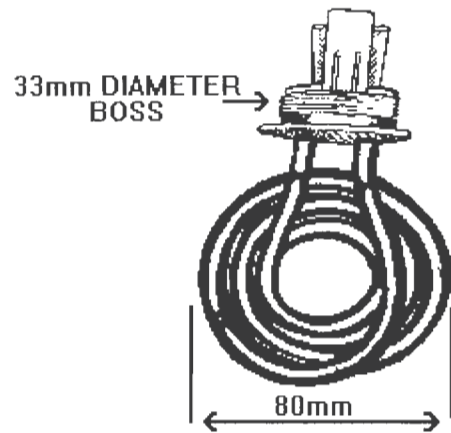
KRH 24B 2400W 240V

KETTLE ELEMENTS

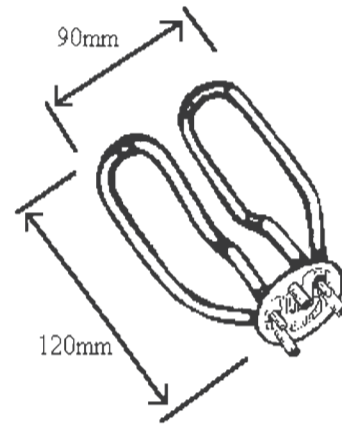


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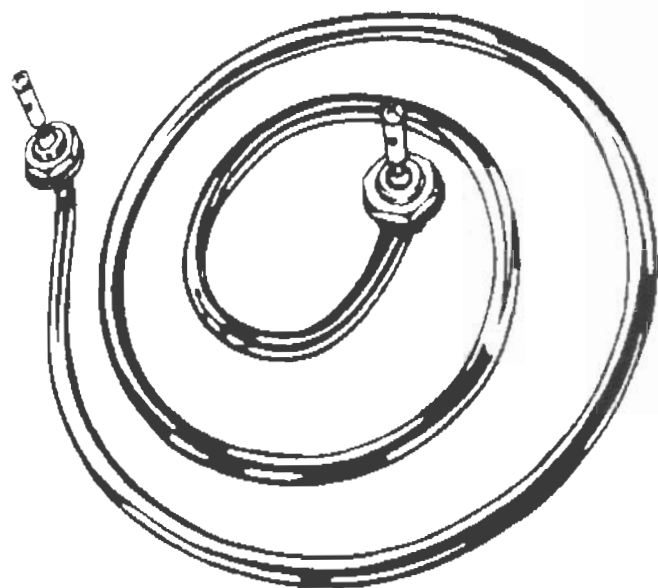
KB 15
1500W 240V



KVS 24
2400W 240V

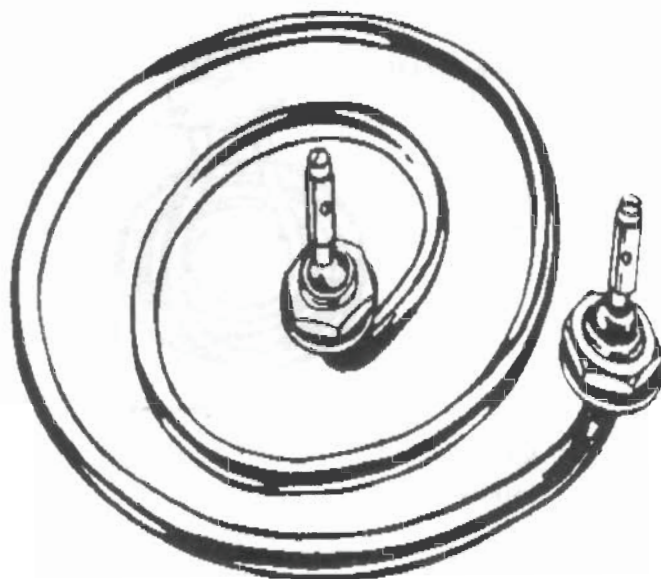


WASHBOILER ELEMENTS



WB

CLOCKWISE COIL



WBF

ANTI - CLOCKWISE COIL

**PART No. RATING
 Watts**

WB 23	1200
WB 30	1500
WB 40	2000
WB 46	2400

**PART No. RATING
 Watts**

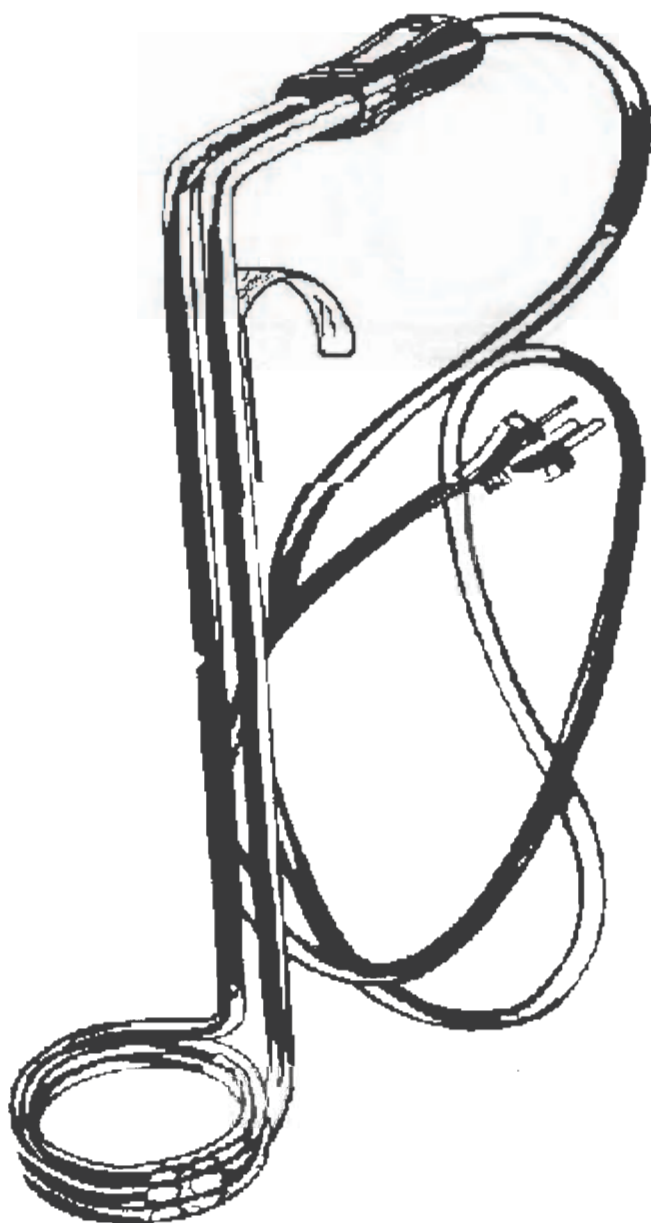
WBF 23	1200
WBF 30	1500
WBF 40	2000
WBF 46	2400
WBF 60	3000

PORTABLE IMMERSION HEATERS



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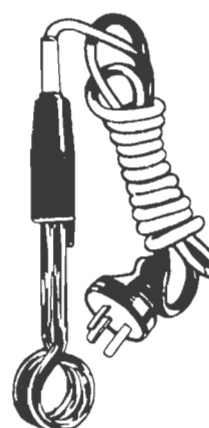
G 3

2400W 240V
COMPLETE WITH 1.8M FLEX & STANDARD
THREE PIN PLUG
APPROX. HEIGHT 420mm



DI-1

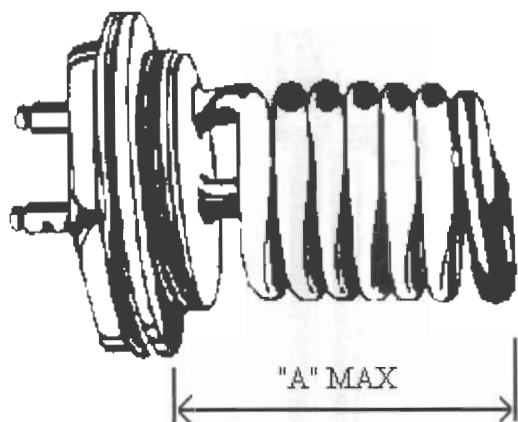
1250W 240V
ELEMENT TO SUIT STANDARD
APPLIANCE PLUG.
APPROXIMATE HEIGHT 240mm



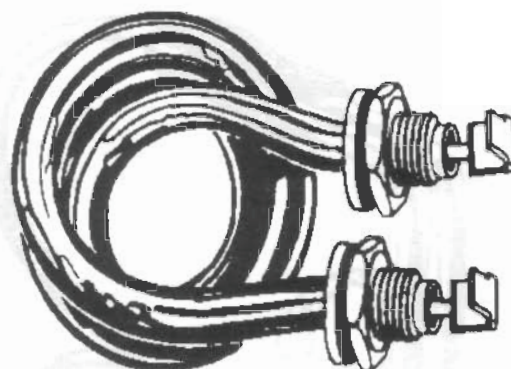
CH 2

395W 240V
CUP HEATER COMPLETE WITH 0.9m
FLEX AND STANDARD 3 PIN PLUG

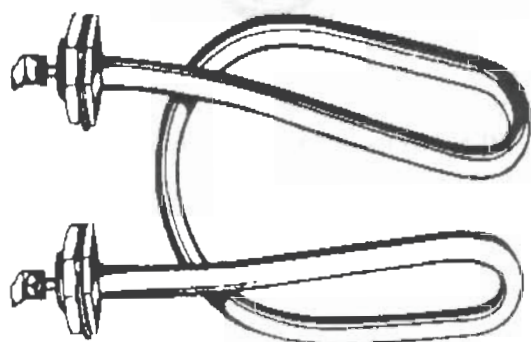
COFFEE MACHINE ELEMENTS



HS 18 1800W 240V "A" MAX 94mm
HS 24 2400W 240V "A" MAX 114mm
 2" BSP ELEMENT TO SUIT HAROS
 DRINK DISPENSER



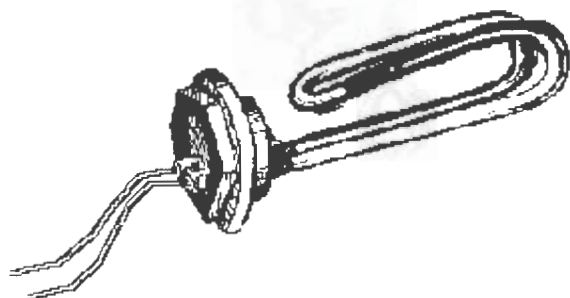
CB 15 1500W 240V TO SUIT CAFE-BAR MINI 3
CB 24 2400W 240V TO SUIT CAFE-BAR OLD
 STYLE JUNIOR MODEL



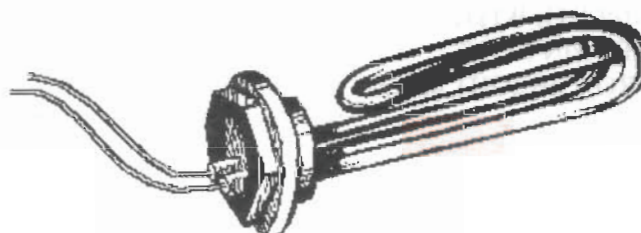
CB 24A 2400W 240V
 TO SUIT CAFE-BAR NEW STYLE
 JUNIOR MODEL



CAFE-BAR MODEL 5E
RHC 24A 2400W 240V
La SCOTTYS CAPPACINO MACHINE
RHC 12B 1200W 240V
X 888 1800W 240V
RHC 20 2000W 240V
RHC 36 3600W 240V



SY 22C 2200W 240V
 TO SUIT CAFE BAR COMPACT
 MACHINE



SY 22T 2200W 240V
 WITH THERMOSTAT WELL
 TO SUIT CAFE BAR MACHINE

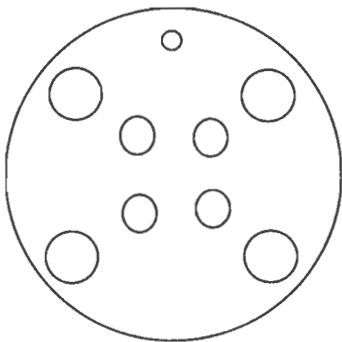
COFFEE MACHINE ELEMENTS



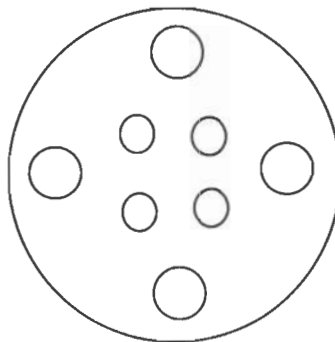
PAGE
50

LN REPAIRS MOST BRANDS OF COFFEE MACHINE ELEMENTS
INCLUDING

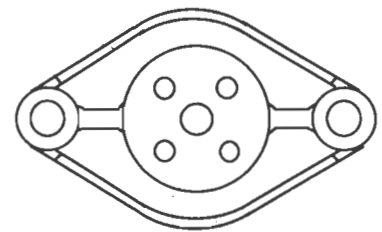
*CAFE BAR BEZZERA RANCILIO CECILWARE FAEMA GAGGIA HAROS
La Cimbali La SCOTTY'S La PAVONI BRUGNETTI AURORA BRUBAR*
ON MOST COFFEE MACHINES THE ORIGINAL BOSS IS NEEDED.



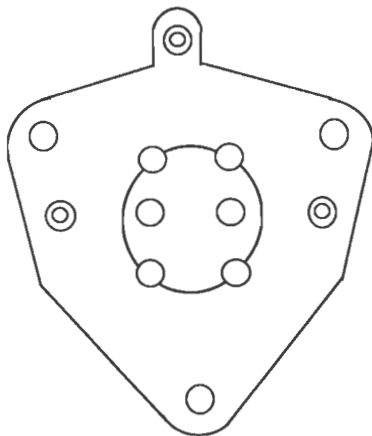
AURORA TYPE



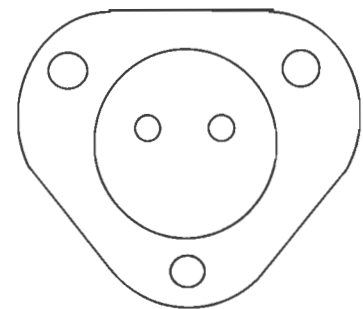
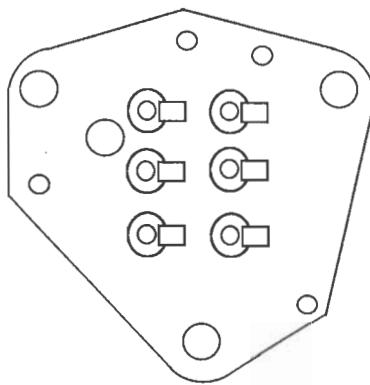
BEZZERA TYPE



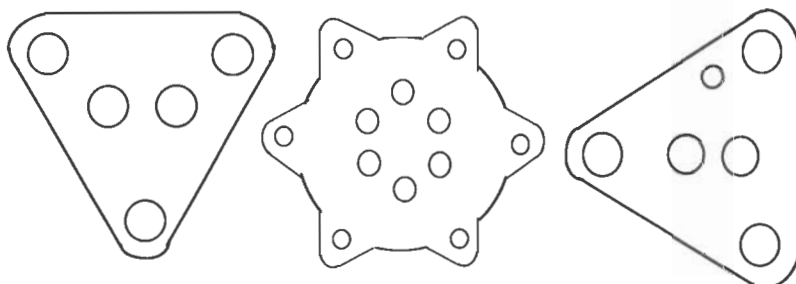
FAEMA TYPE



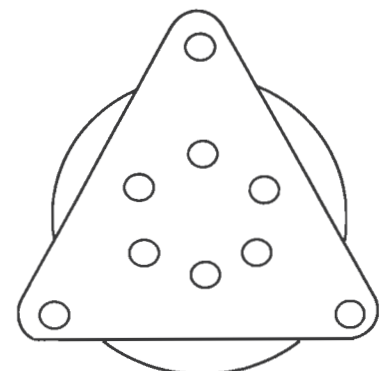
LA CIMBALI TYPE



La PAVONI TYPE



GAGGIA TYPE ELEMENT BOSSES



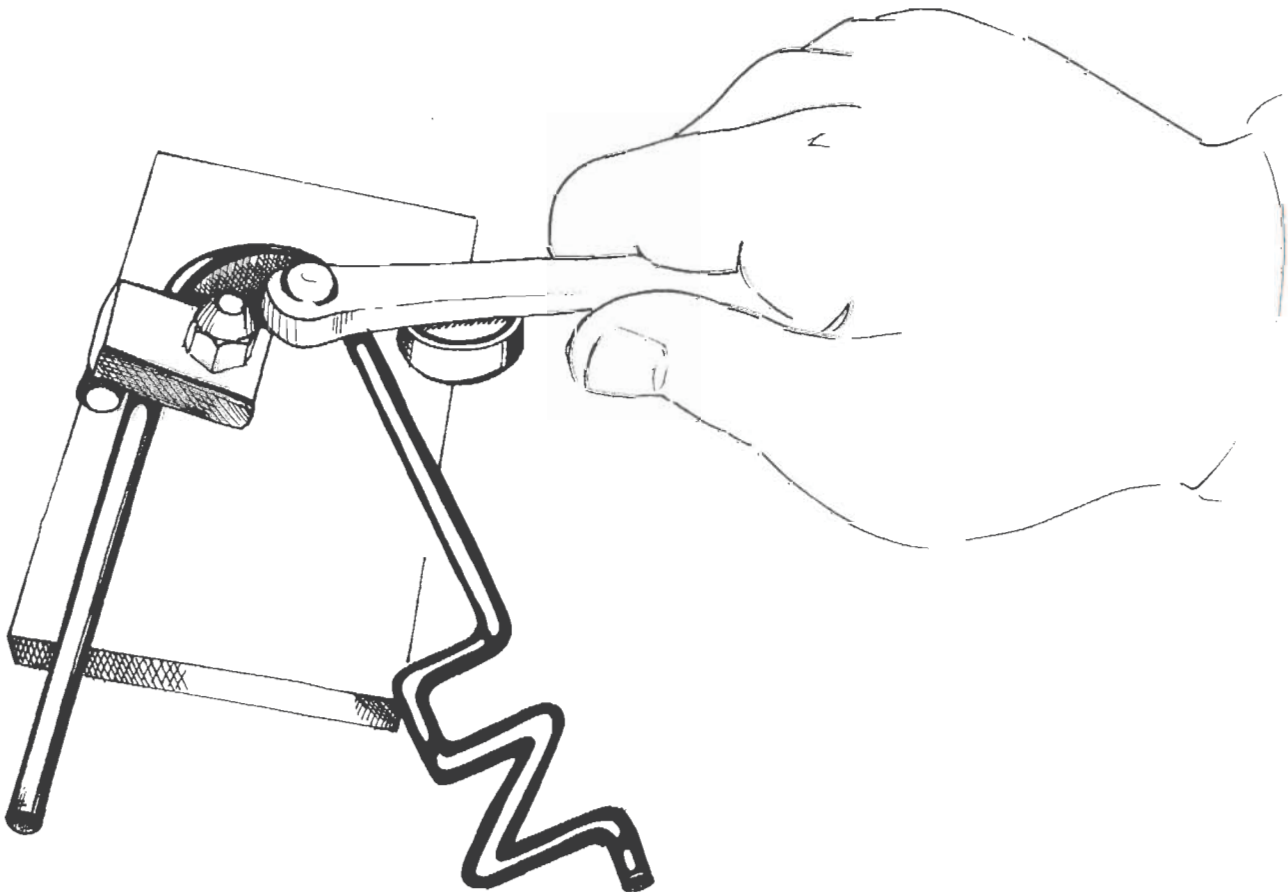
RANCILIO TYPE



CUSTOM ELEMENT BENDER (CEB 1)

NEW

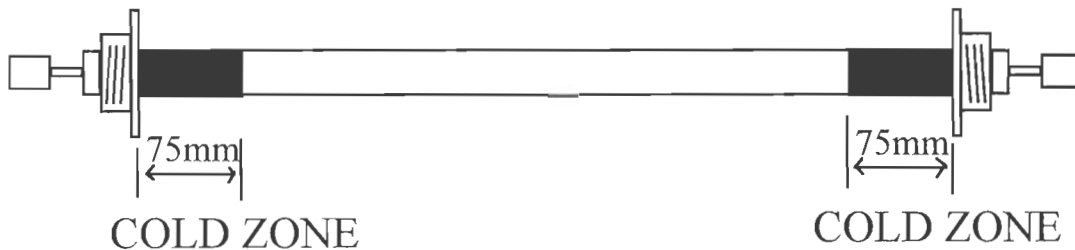
SAVE TIME AND MONEY.
BEND IT ON THE JOB WITH LNs
CUSTOM ELEMENT BENDER.
YOU WILL HAVE A PROFESSIONAL FINISH ANYWHERE YOU WANT IT
WITH A MINIMUM OF FUSS.



ADVANTAGES

LN have a range of elements for you to bend yourself, here are some advantages.

**ELEMENTS ARE EX-STOCK
FIX BREAKDOWNS QUICKLY & EFFICIENTLY
BEND TO SUIT YOUR NEEDS ON SITE**



ELEMENT BENDING SUGGESTIONS

Do not bend elements in cold zone (75mm from gland).

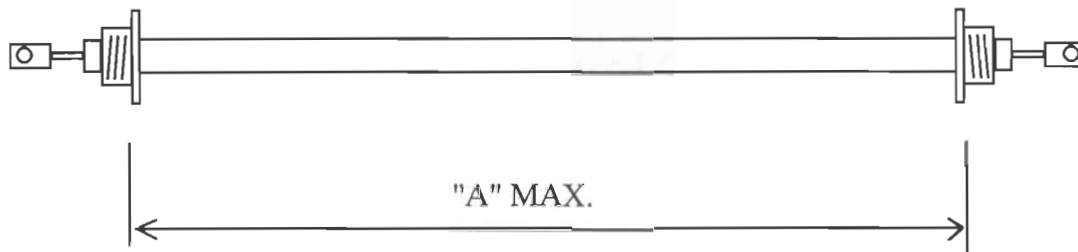
If you require elements with tighter end bends specify this when ordering and we will end bend to your specifications.

Do not try and straighten bends as this could fracture the sheath.



ALLOY SHEATHED ELEMENTS

SURFACE LOADING 32KW/SQ M



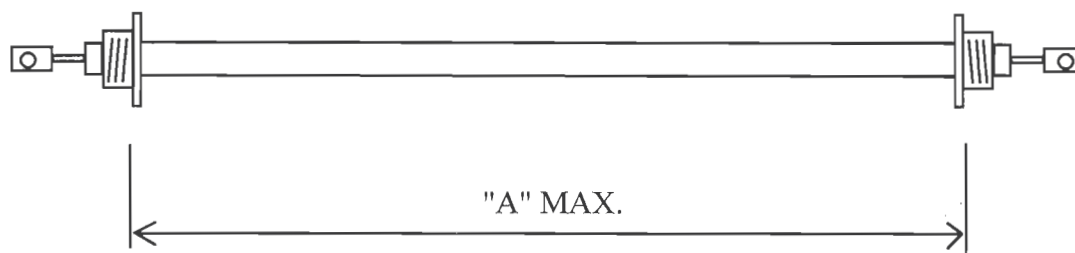
ELEMENTS COME WITH 1/2" LONG BRASS GLANDS (GBG 2) TO FIT 16mm DIAMETER HOLE, FIBRE WASHERS AND BRASS NUTS.

PART No.	RATING Watts	"A" MAX mm
DWS 6	600	795
DWS 10	1000	1207
DWS 12	1200	1538
DWS 15	1500	1899
DWS 18	1800	2293
DWS 20	2000	2621
DWS 24	2400	3004

THESE ELEMENTS ALSO COME IN STANDARD FORMS TO SUIT WET & DRY BAIN - MARIES (HOT FOOD BARS) AND ARE SHOWN ON PAGE 59 AND 60.

ALLOY SHEATHED ELEMENTS

SURFACE LOADING 48KW/SQ M



ELEMENTS COME WITH 1/2" LONG BRASS GLANDS (GBG 2) TO FIT 16mm DIAMETER HOLE, FIBRE WASHERS AND BRASS NUTS.

PART No.	RATING Watts	"A" MAX mm
DBS 5	500	544
DBS 7	750	770
DBS 10	1000	975
DBS 12	1200	1148
DBS 15	1500	1368
DBS 18	1800	1678
DBS 20	2000	1840
DBS 24	2400	2356
DBS 30	3000	2695
DBS 36	3600	3160

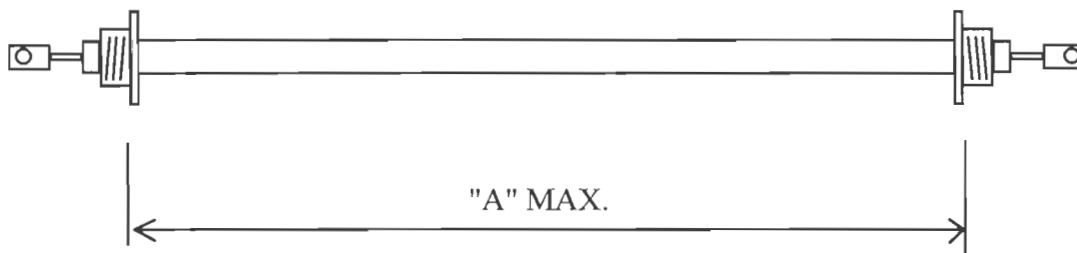
THESE ELEMENTS ALSO COME IN STANDARD FORMS TO SUIT WET BAIN - MARIES (HOT FOOD BARS) AND ARE SHOWN ON PAGE 59 AND 60.



COPPER SHEATHED ELEMENTS

SUITABLE FOR WATER HEATING ONLY

SURFACE LOADING 120KW/SQ M



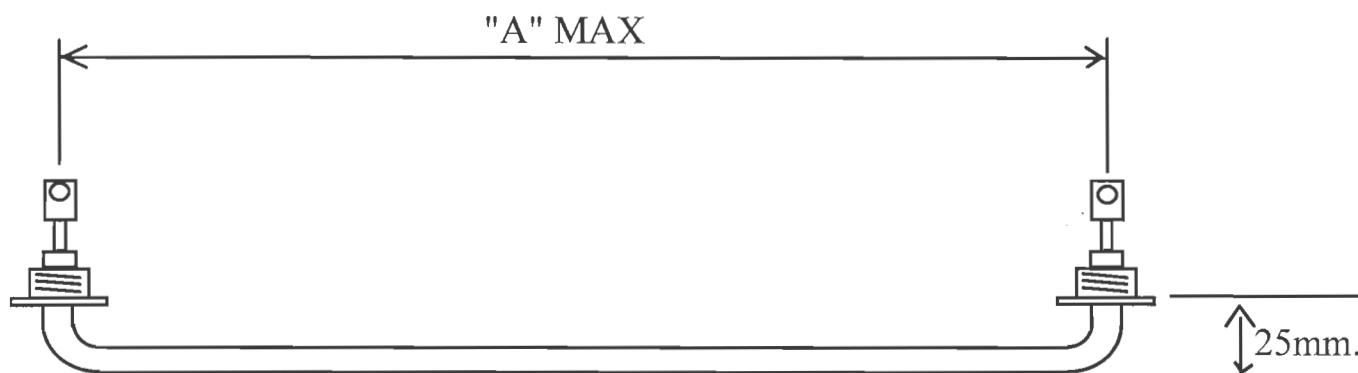
ELEMENTS COME WITH 1/2" LONG BRASS GLANDS (GBG 2) TO FIT 16mm DIAMETER HOLE, FIBRE WASHERS AND BRASS NUTS.

PART No.	RATING Watts	"A" MAX mm
SNB 5	500	455
SNB 7	750	455
SNB 10	1000	509
SNB 12	1200	538
SNB 15	1500	569
SNB 18	1800	659
SNB 20	2000	735
SNB 24	2400	928
SNB 30	3000	1078
SNB 36	3600	1348

COPPER SHEATHED ELEMENTS

SUITABLE FOR WATER HEATING ONLY

SURFACE LOADING 120KW/SQ M



ELEMENTS COME WITH 1/2" LONG BRASS GLANDS (GBG 2) TO FIT 16mm DIAMETER HOLE, FIBRE WASHERS AND BRASS NUTS.

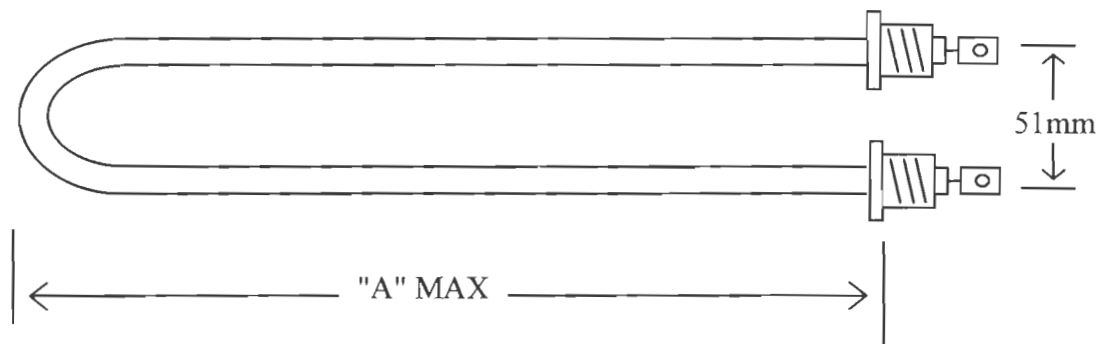
PART No.	RATING Watts	"A" MAX mm
SEB 5	500	415
SEB 7	750	415
SEB 10	1000	469
SEB 12	1200	498
SEB 15	1500	529
SEB 18	1800	619
SEB 20	2000	695
SEB 24	2400	888
SEB 30	3000	1038
SEB 36	3600	1308



AIR DUCT ELEMENTS

ALLOY SHEATHED ELEMENTS

SUITABLE FOR AIR FLOW SITUATIONS OR WATER HEATING
SURFACE LOADING 48KW/SQ M



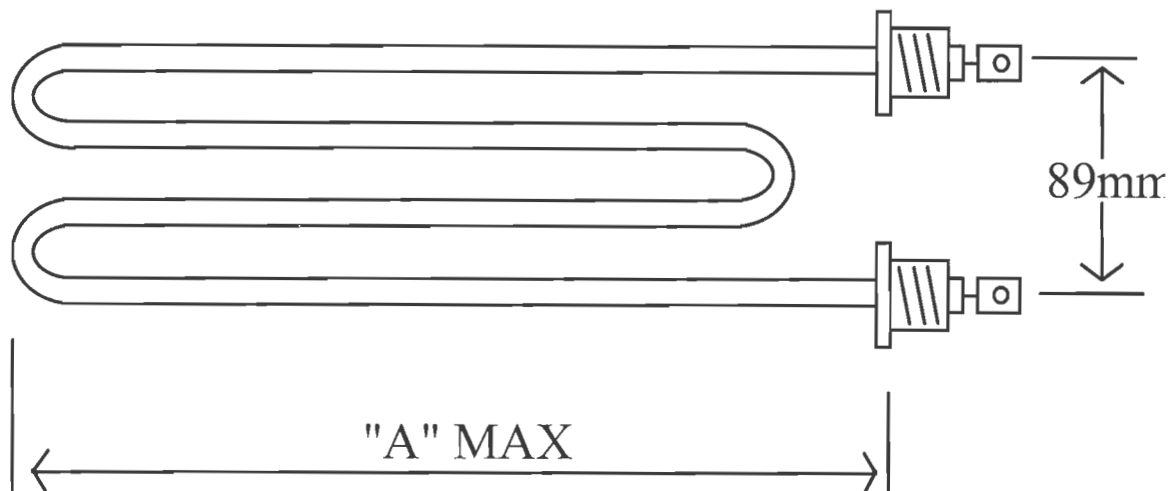
ELEMENTS COME WITH FIBRE WASHER, BRASS NUT AND 1/2" LONG BRASS GLANDS (GBG 2) TO FIT 16mm DIAMETER HOLE.

PART No.	RATING Watts	"A" MAX mm
DA 5	500	262
DA 7	750	375
DA 10	1000	478
DA 12	1200	564
DA 15	1500	674
DA 18	1800	829
DA 20	2000	910
DA 24	2400	1168
DA 30	3000	1338
DA 36	3600	1570

THESE ELEMENTS ARE SUITABLE FOR USE IN WET BAIN MARIES. THEY ARE ALSO SUITABLE FOR USE IN AIR DUCTS BUT IN THIS SITUATION SHOULD BE PROTECTED BY A THERMAL CUT OUT AND ALSO BE INTERLOCKED WITH THE FAN MOTOR. FOR MOUNTING OTHER THAN VERTICALLY, OR IN HIGH VELOCITIES, SUPPORT MAY BE NECESSARY TO PREVENT EXCESSIVE VIBRATION. WHEN USED IN AN AIR DUCT THEY ARE RECOMMENDED FOR A MAXIMUM AIR TEMPERATURE OF 540 C AND A MAXIMUM AIR VELOCITY OF 1.8 m/sec.

ALLOY SHEATHED ELEMENTS

SUITABLE FOR AIR FLOW SITUATIONS OR WATER HEATING
SURFACE LOADING 48KW/SQ M



ELEMENTS COME WITH FIBRE WASHER, BRASS NUT AND 1/2" LONG BRASS GLANDS (GBG 2) TO FIT 16mm DIAMETER HOLE.

PART No.	RATING Watts	"A" MAX mm
DB 5	500	156
DB 7	750	213
DB 10	1000	264
DB 12	1200	307
DB 15	1500	362
DB 18	1800	440
DB 20	2000	480
DB 24	2400	609
DB 30	3000	694
DB 36	3600	810

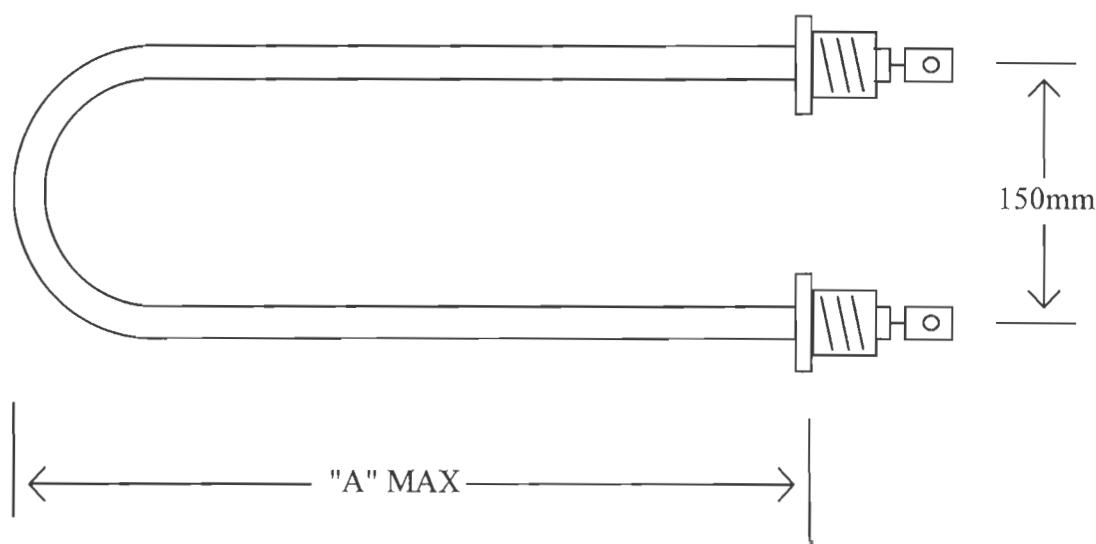
THESE ELEMENTS ARE SUITABLE FOR USE IN WET BAIN MARIES. THEY ARE ALSO SUITABLE FOR USE IN AIR DUCTS BUT IN THIS SITUATION SHOULD BE PROTECTED BY A THERMAL CUT OUT AND ALSO BE INTERLOCKED WITH THE FAN MOTOR. FOR MOUNTING OTHER THAN VERTICALLY, OR IN HIGH VELOCITIES, SUPPORT MAY BE NECESSARY TO PREVENT EXCESSIVE VIBRATION. WHEN USED IN AN AIR DUCT THEY ARE RECOMMENDED FOR A MAXIMUM AIR TEMPERATURE OF 540 C AND A MAXIMUM AIR VELOCITY OF 1.8 m/sec.



HOT FOOD BAR ELEMENTS

ALLOY SHEATHED ELEMENTS

SUITABLE FOR AIR OR WATER HEATING
SURFACE LOADING 32KW/SQ M



ELEMENTS COME WITH FIBRE WASHER, BRASS NUT AND 1/2" LONG BRASS GLANDS (GBG 2) TO FIT 16mm DIAMETER HOLE.

PART No.	RATING Watts	"A" MAX mm
DW 6	600	365
DW 10	1000	571
DW 12	1200	737
DW 15	1500	917
DW 18	1800	1114
DW 20	2000	1278
DW 24	2400	1470
DW 24A	2400	918
DW 24B	2400	1215

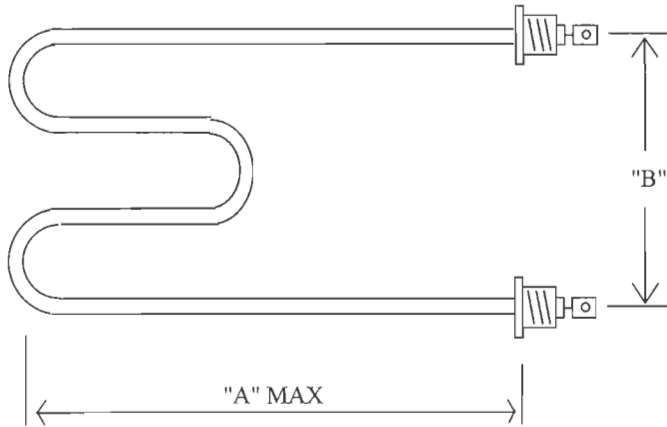
THESE ELEMENTS ARE MADE WITH A LOW SURFACE LOADING TO ALLOW THEM TO BE RUN WET OR DRY IN HOT FOOD BARS, EXCEPTING FOR PART No.s DW 24A AND DW 24B, WHICH WE WOULD RECOMMEND BE USED ONLY WHEN COVERED BY WATER. THESE ELEMENTS ARE ALSO AVAILABLE IN STRAIGHT FORM AS SHOWN ON PAGE 53.

HOT FOOD BAR ELEMENTS

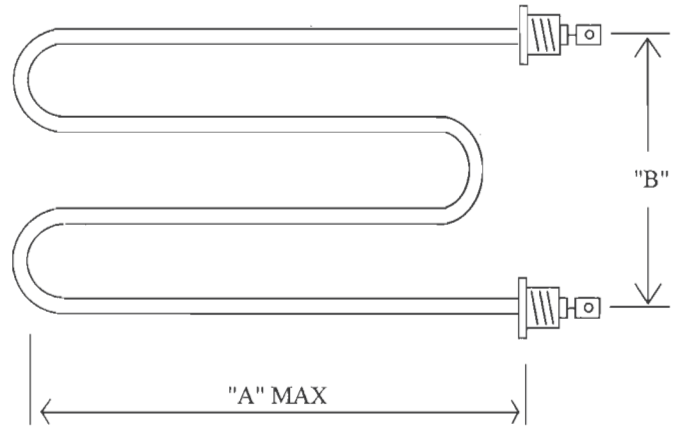


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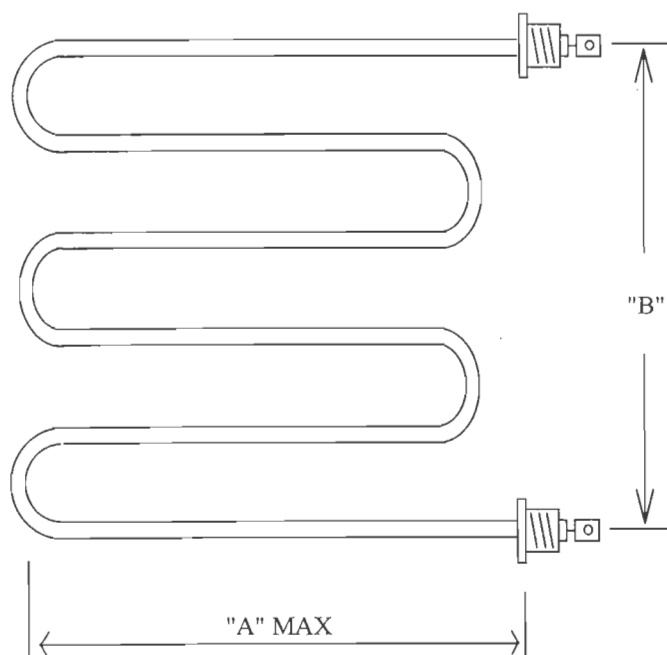
DWF 10



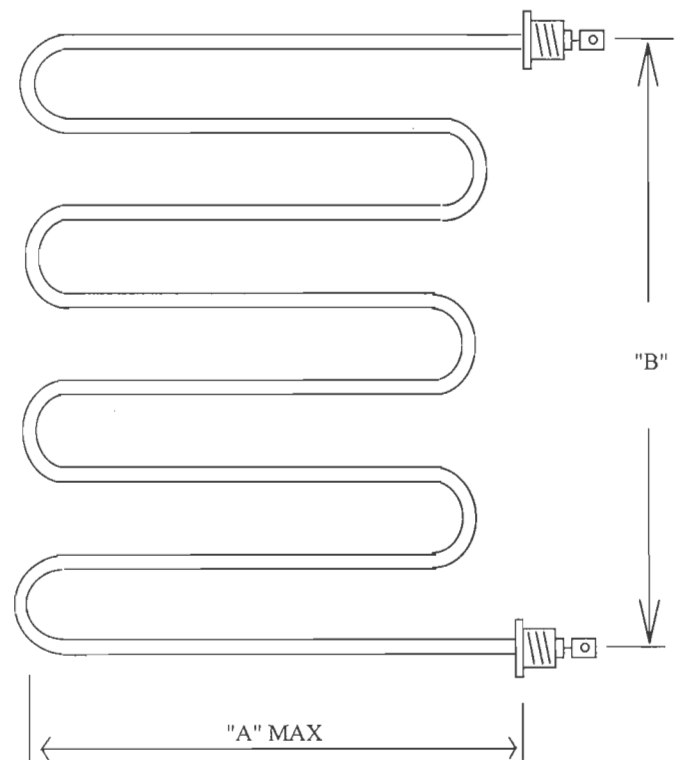
DWF 12



DWF 18

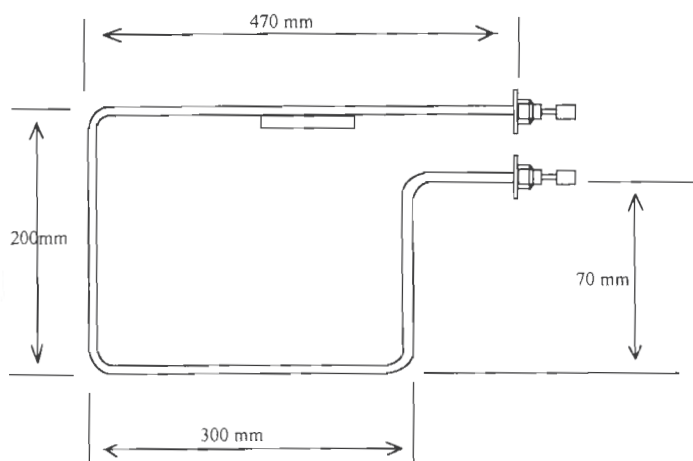


DWF 24

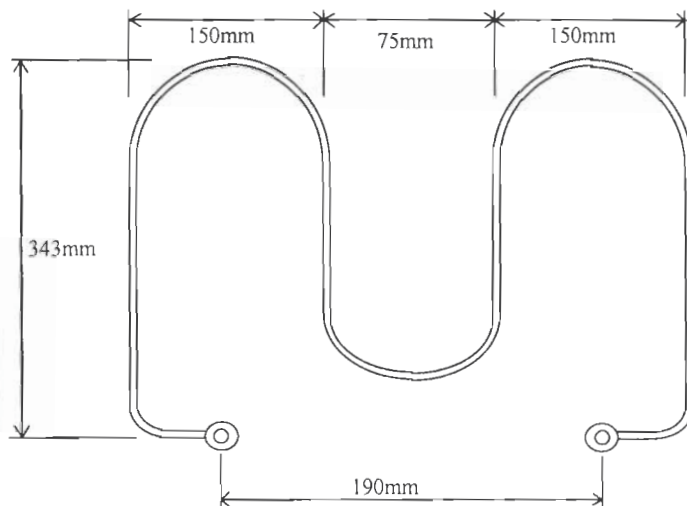


PART No.	RATING Watts	"A" MAX mm	"B" mm
DWF 10	1000	480	225
DWF 12	1200	380	457
DWF 18	1800	380	760
DWF 24	2400	380	1065

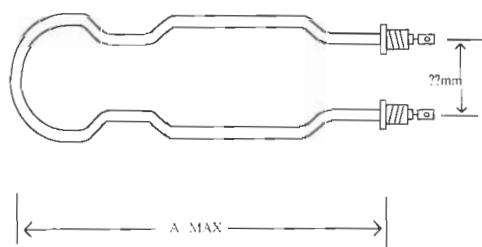
JOMACK ELEMENTS



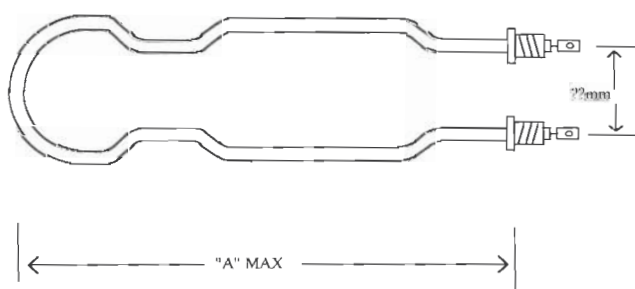
JBM 12
1200W 240V
TO SUIT **JOMACK** BAIN-MARIE



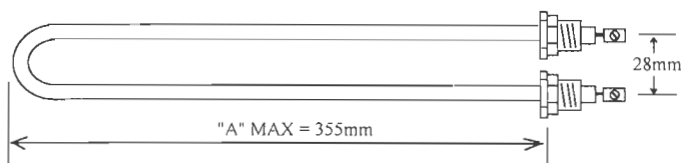
JBM 18
1800W 240V
TO SUIT **JOMACK** BAIN-MARIE



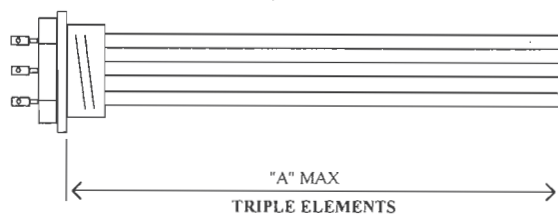
JPW 12
1200W 240V
TO SUIT **JOMACK** PIE WARMER



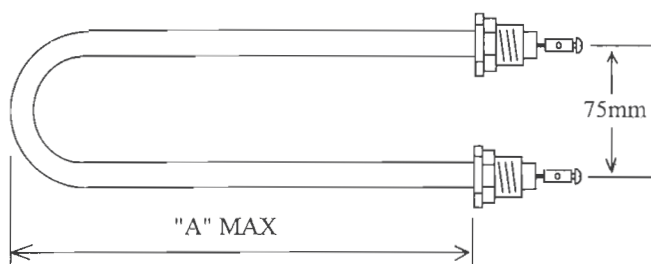
JPW 15
1500W 240V
TO SUIT **JOMACK** PIE WARMER



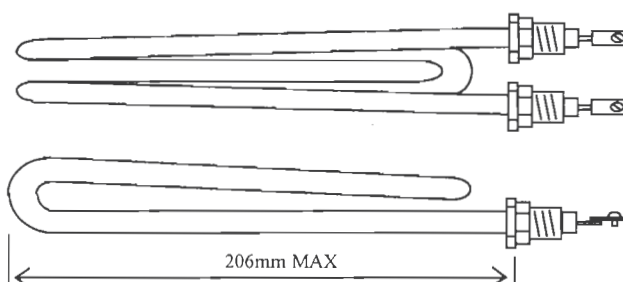
X 1725 2400W 240V
X 1733 2000W 240V



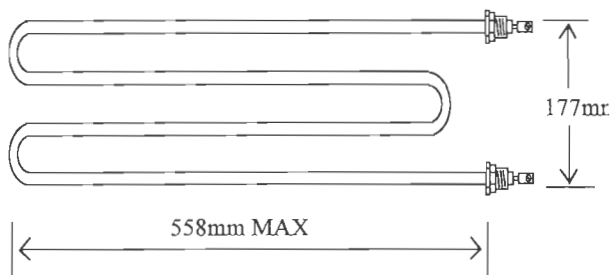
X 1726 10800W 240V "A" MAX = 457mm
X 1728 17000W 240V "A" MAX = 550mm
 2" BSP ELEMENTS



X 1730 2000W 240V "A" MAX = 350mm
X 1731 330W 240V "A" MAX = 178mm
X 1732 450W 240V "A" MAX = 190mm



X 1727 3600W 240V



X 1729 3000W 240V



SPEEDIE RADIATOR ELEMENTS

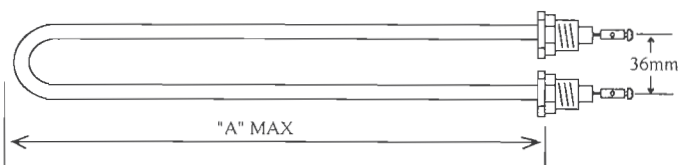


SRE 7	750W	240V	520mm LONG
SRE 11	1100W	240V	640mm LONG
SRE 15	1500W	240V	910mm LONG

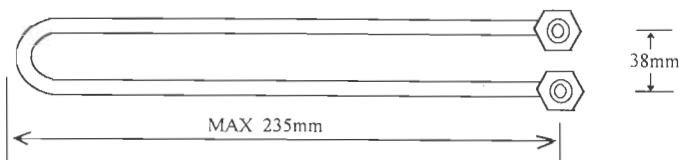
STERILIZER ELEMENTS



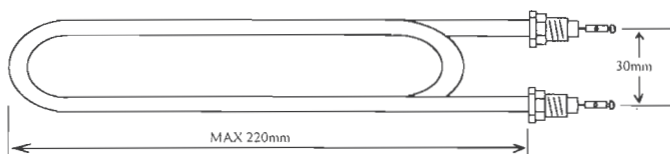
PAGE
64



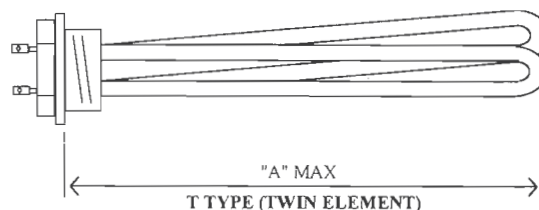
A 550B 1400W 240V "A" MAX = 355mm
X 307 1200W 240V "A" MAX = 375mm
 ELEMENTS FOR INSTRUMENT STERILIZER



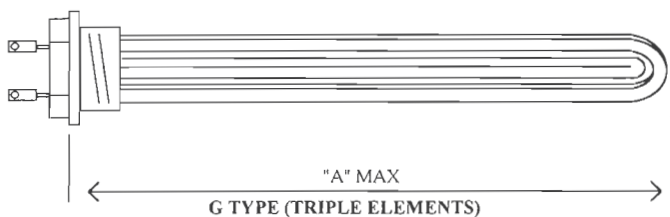
CS 10 1000W 240V
 ELEMENT FOR INSTRUMENT STERILIZER



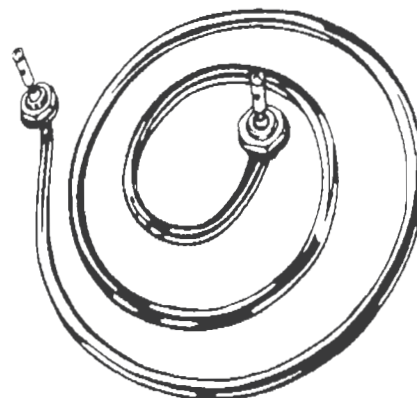
CS 20 2000W 240V
 ELEMENT FOR INSTRUMENT STERILIZER



TM 30 3000W 240V
TM 40 4000W 240V
TM 48 4800W 240V
TM 60 6000W 240V
TM 80 8000W 240V
 1 1/4" ELEMENT USED IN SANITIZER.
 SEE PAGE 20 FOR DETAILS.



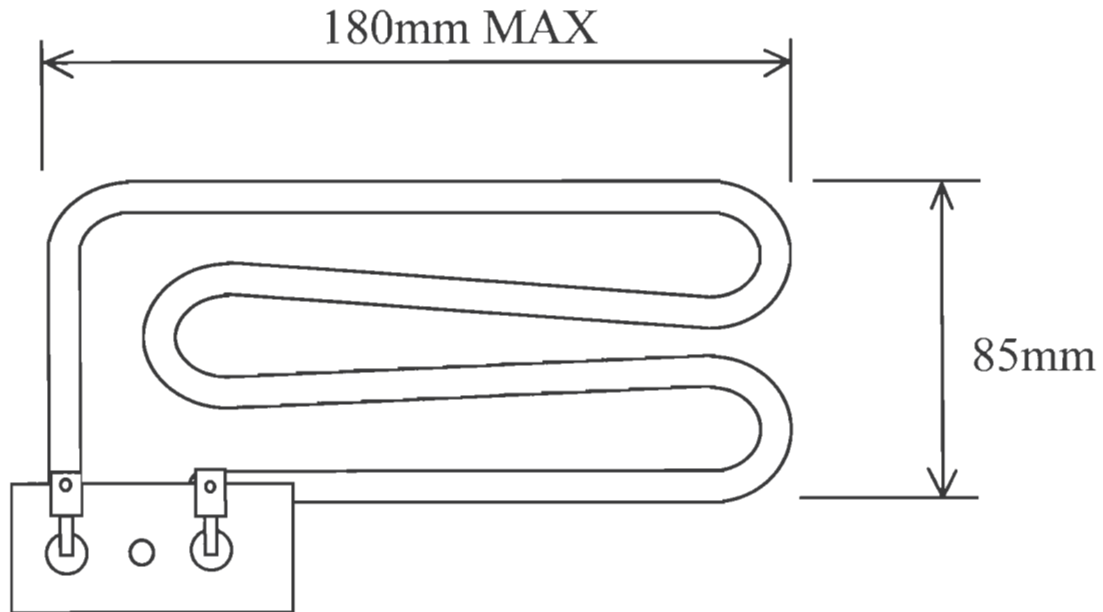
X 410 8000W 240V
X 641 6000W 240V
 2" BSP STEAM GENERATOR ELEMENT.
 SEE PAGE 34 FOR DETAILS.



X 1988 - 2400W 240V Plated Copper
 For VAUXHALL Sterilizer.



INCINERATOR ELEMENTS

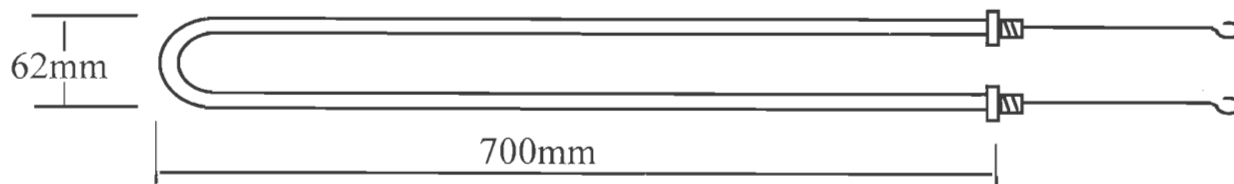


X 1165 900W 240V
MACDONALD INCINERETTE ELEMENT

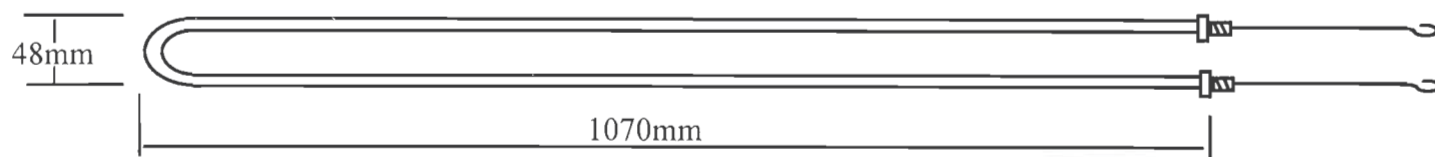
ROTISSERIE ELEMENTS



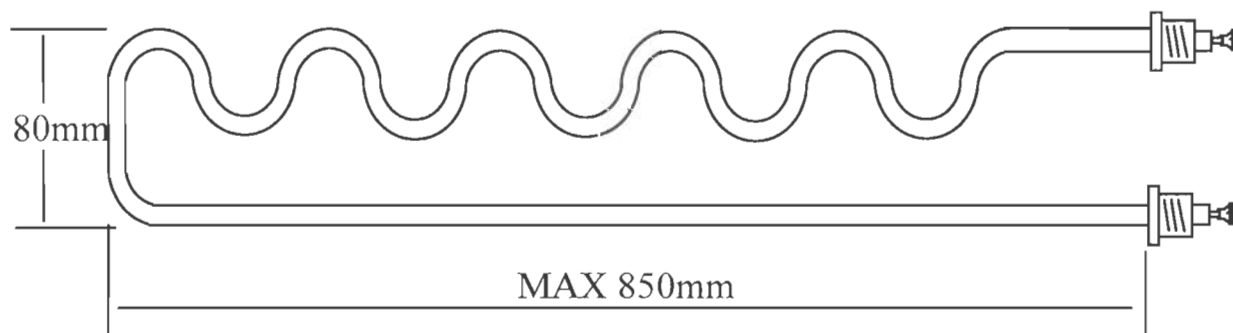
PAGE
66



SCR 25 2500W 240V
SEMAK CHICKEN ROTISSERIE ELEMENTS.



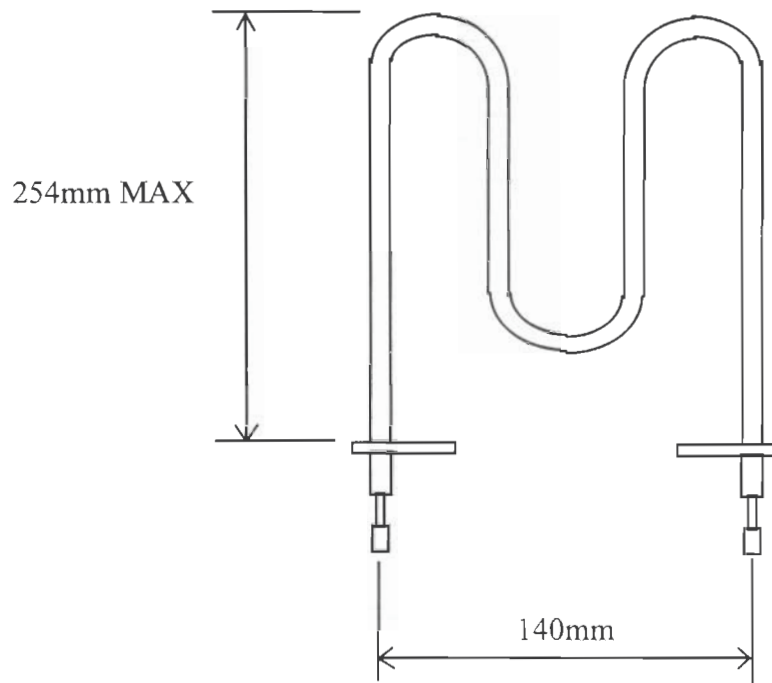
SCR 32 3250W 240V
SEMAK CHICKEN ROTISSERIE ELEMENTS.



X 2021 1000W 240V
ZUES ROTISSERIE ELEMENTS.



TOASTER ELEMENTS



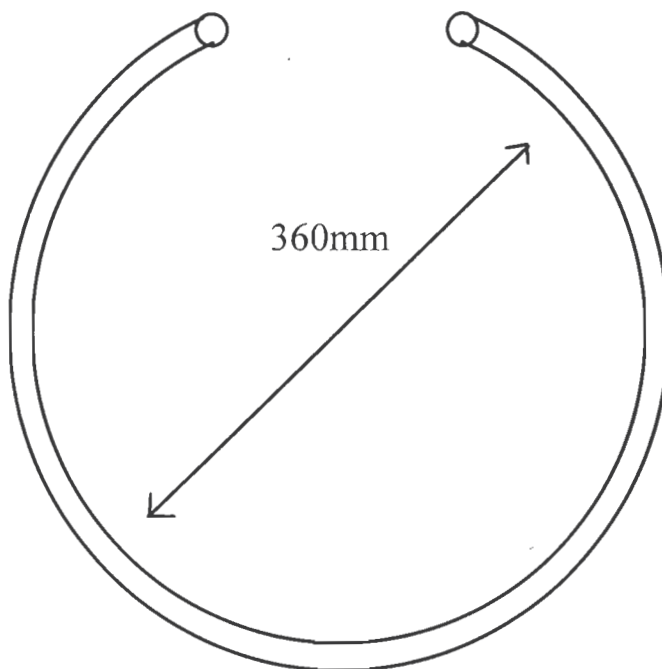
HTR 10
1000W 240V
HECLA TOASTER ELEMENT

DRYER ELEMENTS



PAGE

68



X 482

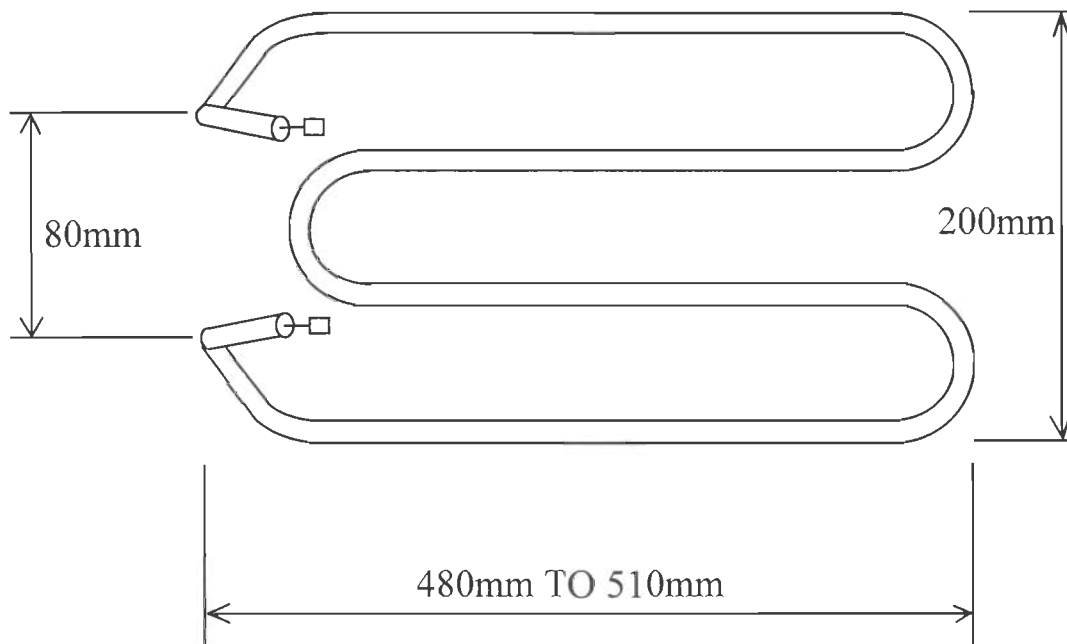
1850W 240V

TO SUIT SERVEX / ASTOR TUMBLE

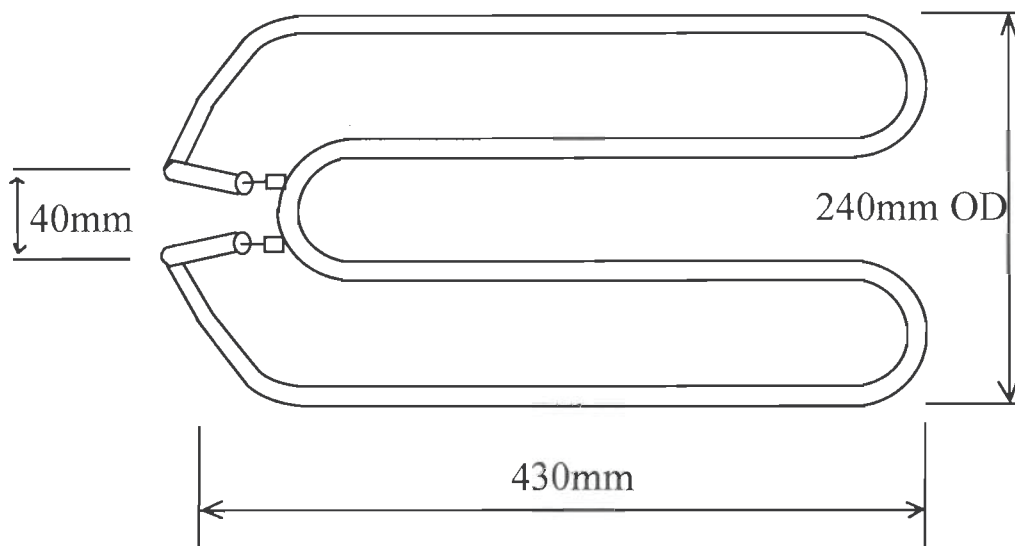
DRYER # 4021-052



BBQ ELEMENTS



X 1534A 2500W 240V

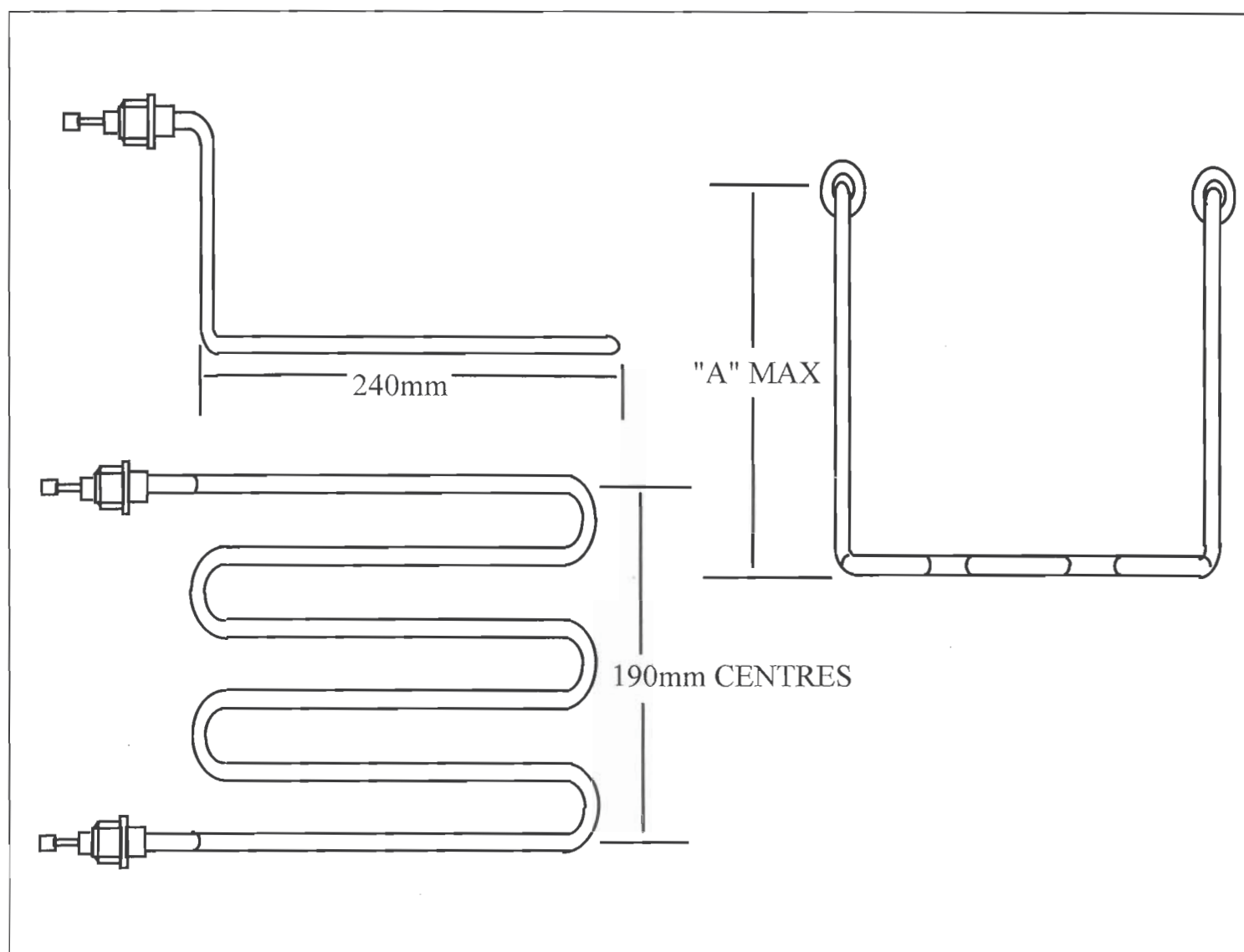


X 2574 2400W 240V

DEEP FRY ELEMENTS



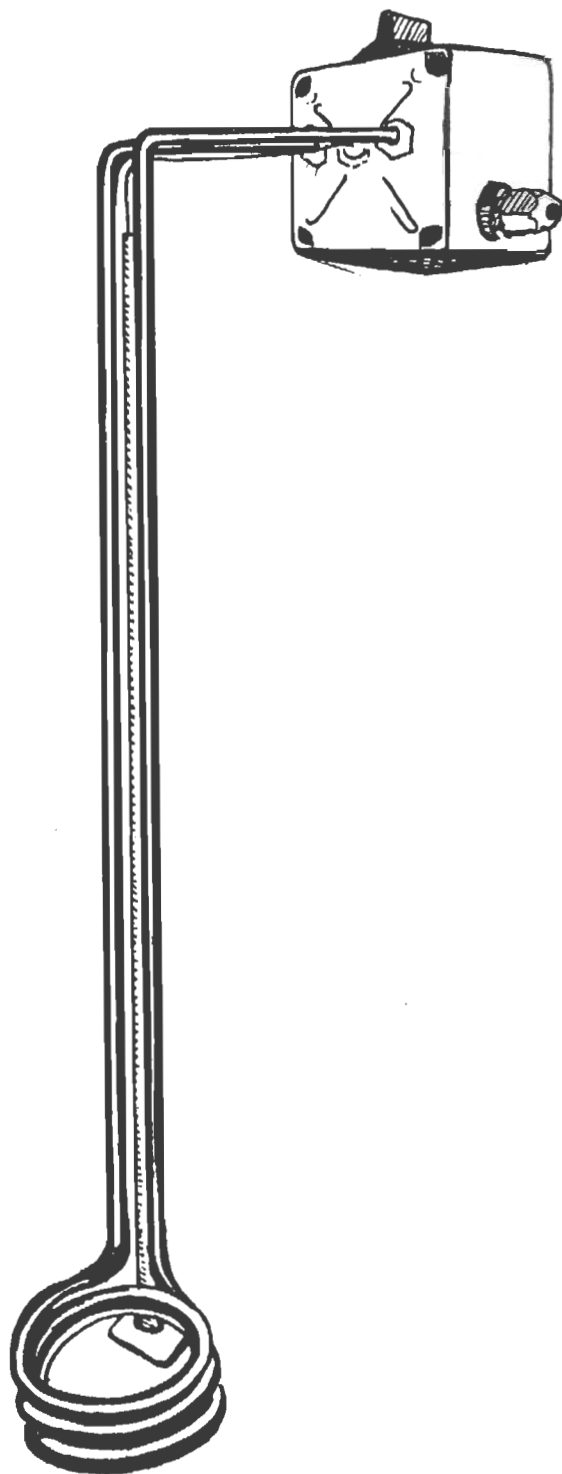
PAGE
70



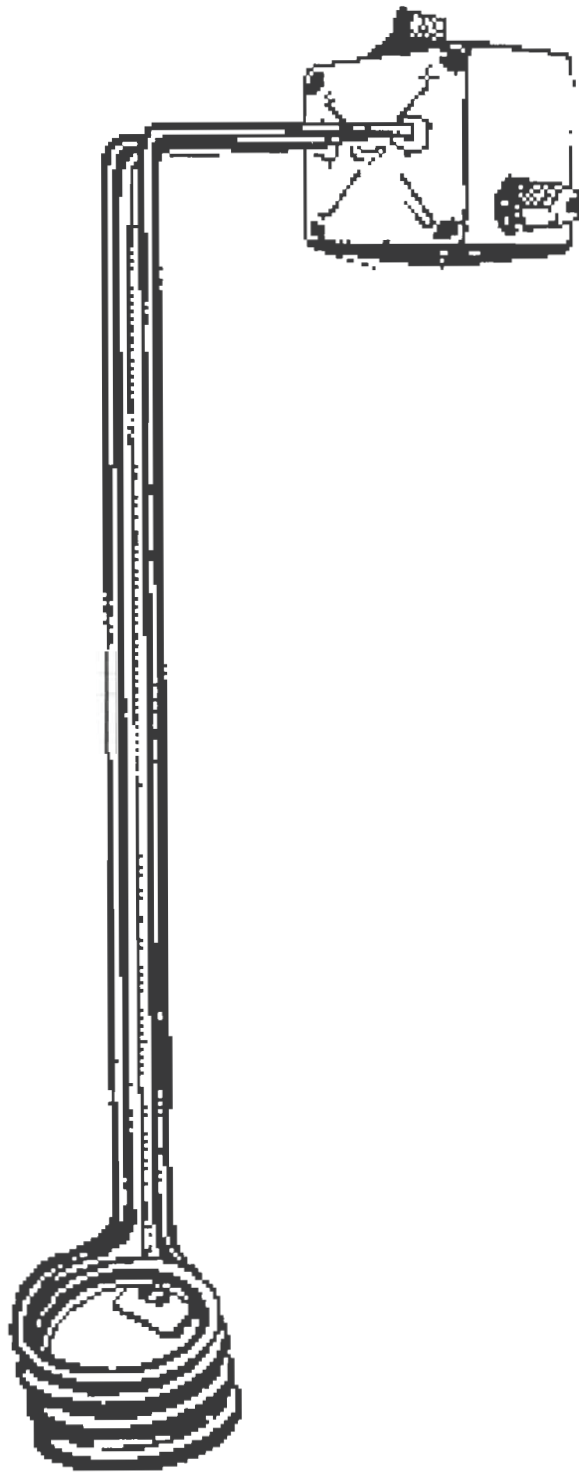
DF 24J	2400W 240V	JOMACK COUNTERTOP DEEP FRYER "A" MAX = 165mm
DF 24S	2400W 240V	STARLINE "A" MAX = 170mm
DF 24W	2400W 240V	WOODSON "A" MAX = 165mm



INDUSTRIAL ELEMENTS

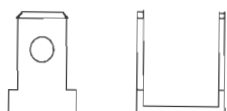


X 1872 2400W 240V
75 w/sq" FOR WATER APPLICATION.
COMPLETE WITH (ZCT 110) THERMOSTAT
APPROXIMATE LENGTH 600mm

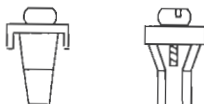


X 2128 2400W 240V
35 w/sq" FOR HEAVIER FLUIDS.
COMPLETE WITH (ZCT 320) THERMOSTAT
APPROXIMATE LENGTH 600mm

TERMINALS



LX 1236 TWIN QUICK
CONNECT



LX 1260 HORSE SHOE
(NOT RECOMMENDED)



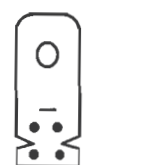
LX 1262 2 BA FLAT
TERMINAL



LX 1264 5/32 BSW FLAT
TERMINAL



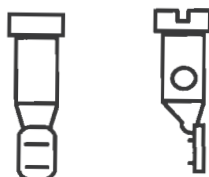
LX 1264-1 5/32 BSW 45°
TERMINAL



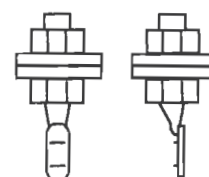
LX 1295 QUICK
CONNECT



GBTP BRASS TERMINAL
POST



LCEP 4mm FEMALE
TERMINAL POST

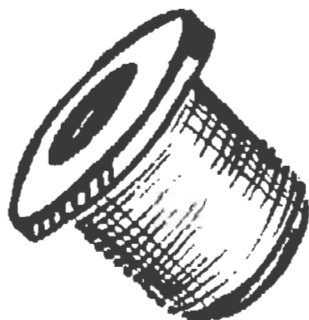


LCES 5mm MALE
TERMINAL POST



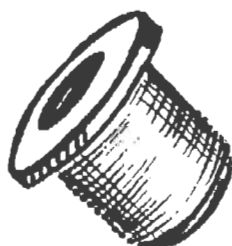
ELEMENT ACCESSORIES

GLANDS and NUTS



GBG 2 3/8BSP 1/2" LONG

GBG 3 3/8BSP 1" LONG

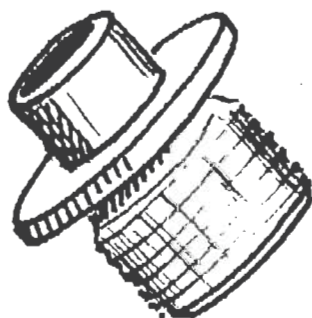


GBG 4 7/16" 26TPI 1/2" LONG

GBG 5 1/2" 26TPI 1/2" LONG

GBG 6 1/2" 26TPI 1" LONG

GBG 8 1/2" 26TPI 3/4" LONG



GCG 1 3/8" BSW 1/2" LONG

GCG 2 1/2" NF 1/2" LONG



GBN 1 (ZBA 4) 15/16 AF 3/8 BSP

GBN 2 13/16 AF 3/8 BSP

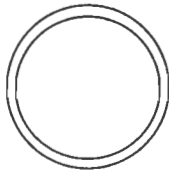
GBN 3 7/16" 26TPI

GBN 4 1/2" 26TPI

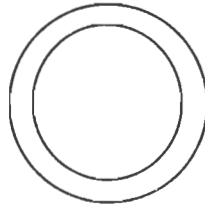
GBN 5 1 1/2 NF

GBN 6 7/16 BSF

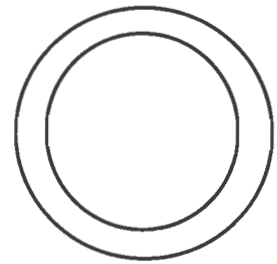
GASKETS



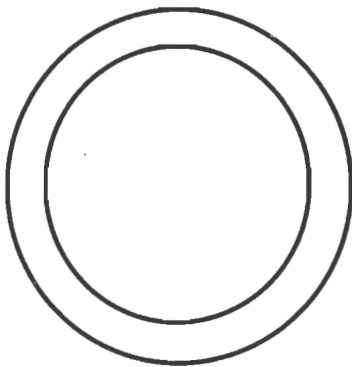
ZGF 4 1" BSP SQUARE
SECTION RUBBER GASKET



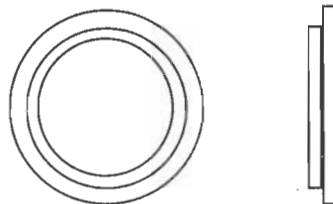
ZGF 4A 1" BSP FIBRE GASKET



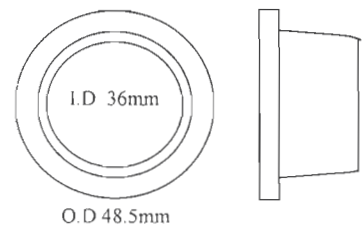
ZGF 3 1 1/4" BSP FIBRE
GASKET



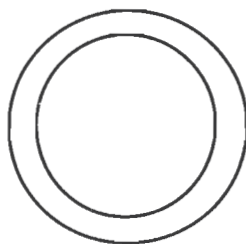
ZGF 2 2" BSP FIBRE GASKET



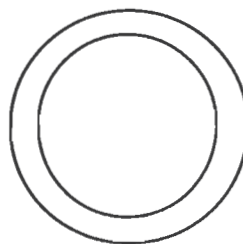
ZGF 5 L SECTION GASKET
FOR ALL BOLT ON



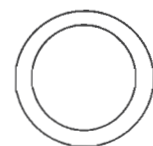
ZGF 5B EXTENDED L SECTION
GASKET FOR ALL BOLT ON



ZGF 6 48mm OD x 37mm ID
GASKET FOR 1 9/16" URN
BOSS. EDPM MATERIAL



ZGF 6S 45mm OD x 39mm ID
GASKET FOR 1 9/16" URN
BOSS. SILICON MATERIAL



ZGF 7 29mm OD x 17.5mm ID
FIBRE GASKET FOR 3/8 BSP
GLAND



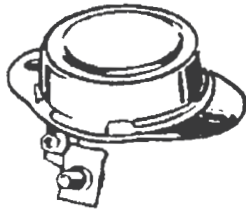
ELEMENT ACCESSORIES

ELS 3	ELEMENT SPANNER
ELS 4	ELEMENT SPANNER
ZCO 24	URN ELEMENT CUT OUT
ZFB 4S	SET OF 4 STAINLESS STEEL BOLTS
ZKBL 3	LOCKRING FOR KB 15
ZWA 12	ANODE

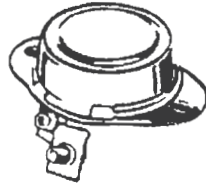
THERMOSTATS



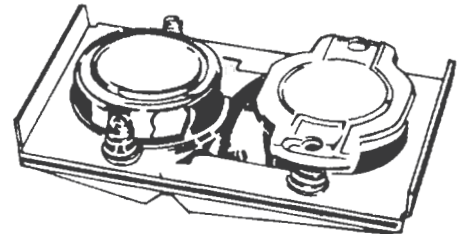
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ZTE 205
THERMOSTAT
TEMP. SET AT 96 C



ZTE 170
THERMOSTAT
TEMP. SET AT 77 C



ZTEMP 1
THERMOSTAT
TEMPERATURE SET AT 77 C



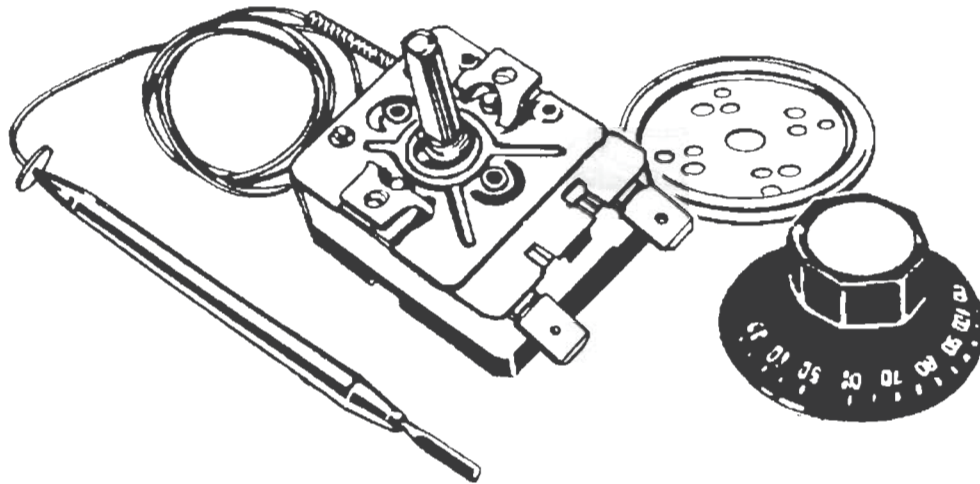
ZT 7
STEM TYPE THERMOSTAT
7" LONG x 6mm DIAMETER
20 - 80 DEG C



ZTW 7 THERMOWELL 7" LONG
ZTW 10 THERMOWELL 10" LONG

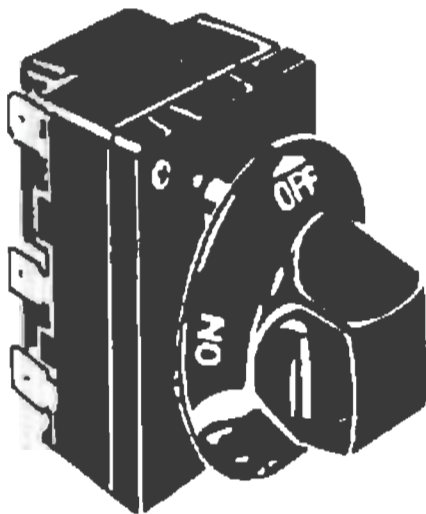


THERMOSTATS



ZCT 40	0 - 40 C
ZCT 110	30 - 110 C
ZCT 320	50 - 320 C

CAPILLARY THERMOSTATS



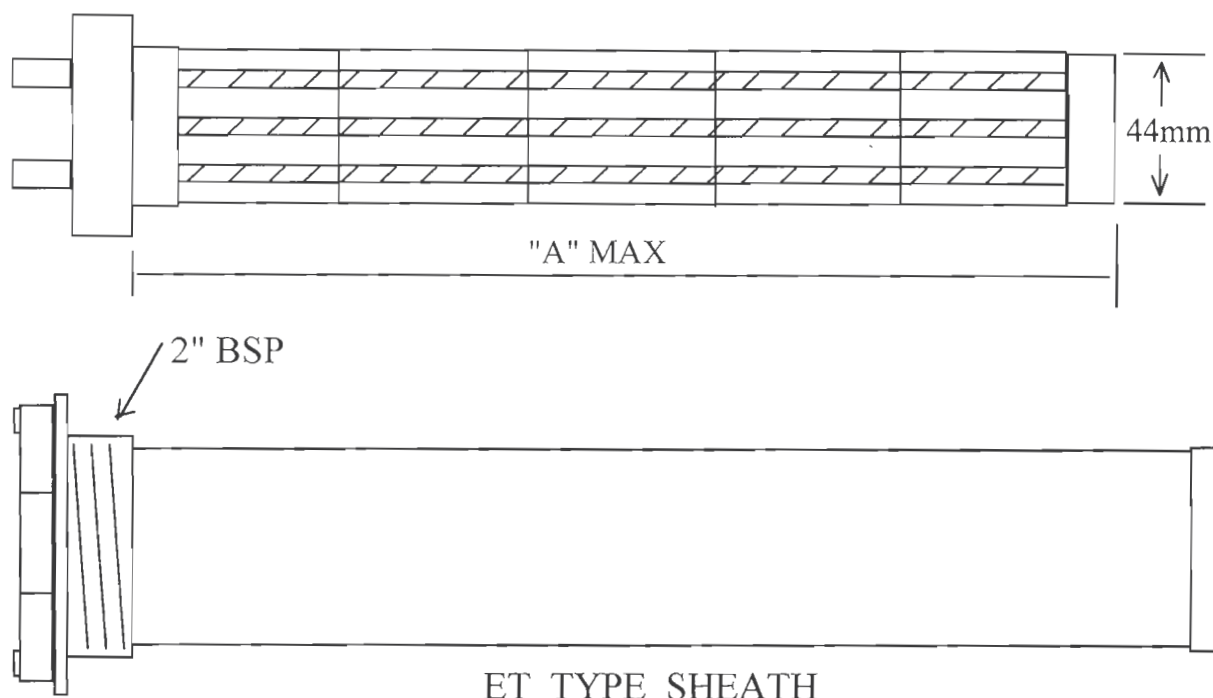
ZTYJ 6333
SIMMERSTAT COMPLETE
WITH KNOB.

ZTYJK
KNOB TO SUIT ZTYJ 6333

2" BOBBIN ELEMENTS & SHEATHS FOR HOT WATER SYSTEMS



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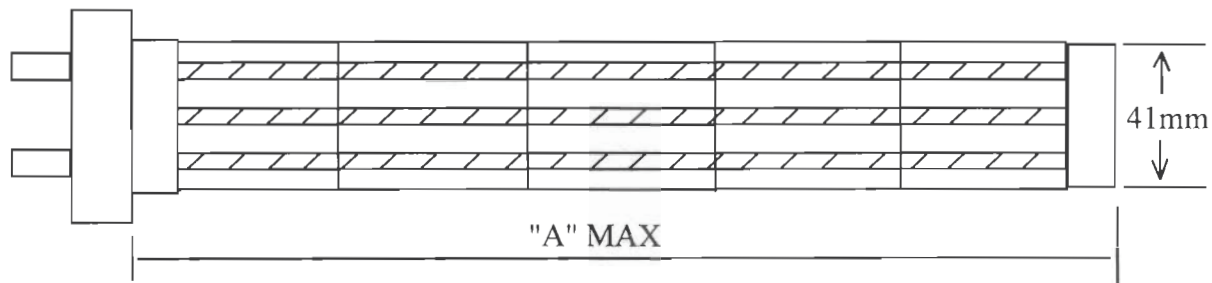
PART No.	RATING Watts	"A" MAX mm	SHEATH TO SUIT
BE 7	750	230	ET 10
BE 10	1000	230	ET 10
BE 12	1200	280	ET 12
BE 15	1500	330	ET 15
BE 18	1800	380	ET 18
BE 20	2000	380	ET 18
BE 24	2400	430	ET 24
BE 30	3000	480	ET 30
BE 36	3600	530	ET 36
BE 40	4000	580	ET 40
BE 45	4500	630	ET 45
BE 48	4800	680	ET 48
BE 48S	4800	530	ET 36
BE 60	6000	840	ET 60

NOTE:- For South Australian customers please add a C to the sheath part number only.

Example: ET 36 becomes ETC 36.



1 5/8" BEASLEY BOBBIN ELEMENTS FOR HOT WATER SYSTEMS



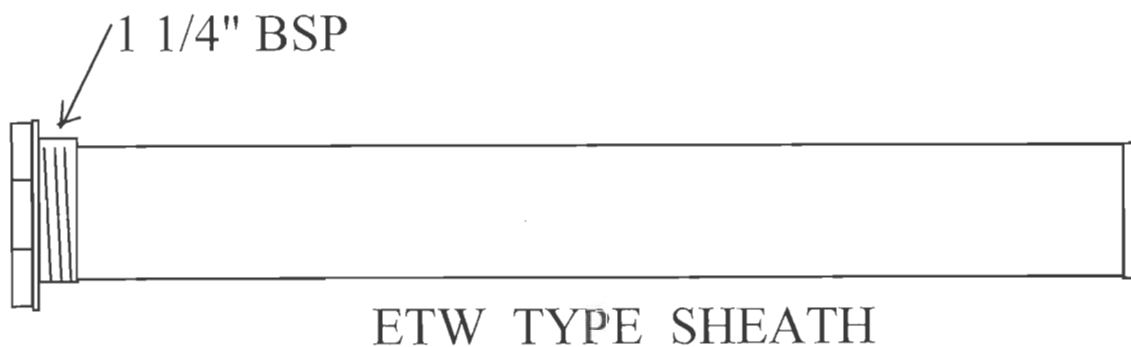
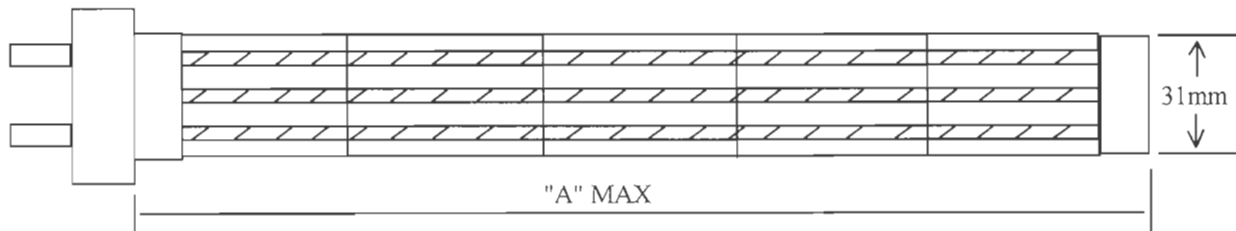
THESE BOBBINS FIT INTO HEXAGONAL SECTION BOBBIN SHEATHS. THEY SHOULD NOT BE FITTED TO 2" DIAMETER SHEATHS.

PART No.	RATING	"A" MAX
	Watts	mm
BES 7	750	180
BES 10	1000	230
BES 15	1500	330
BES 18	1800	380
BES 24	2400	380
BES 27S	2750	380
BES 27L	2750	480
BES 33S	3300	480
BES 33L	3300	630

1 1/4" BOBBIN ELEMENTS & SHEATHS FOR HOT WATER SYSTEMS



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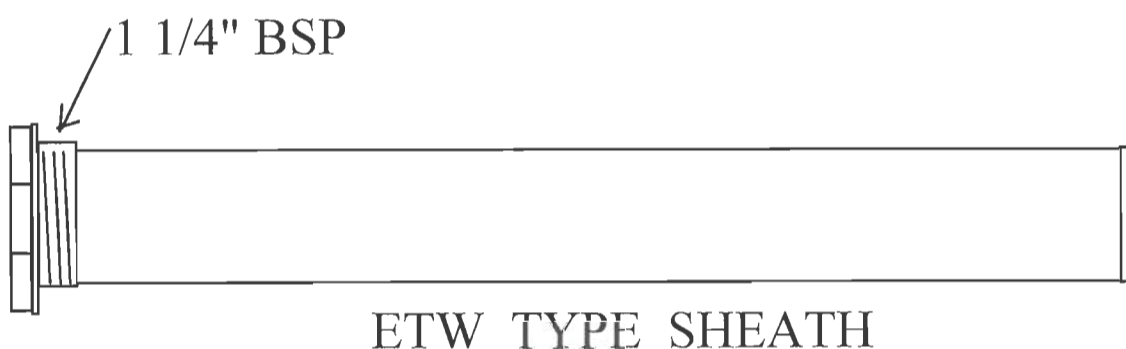
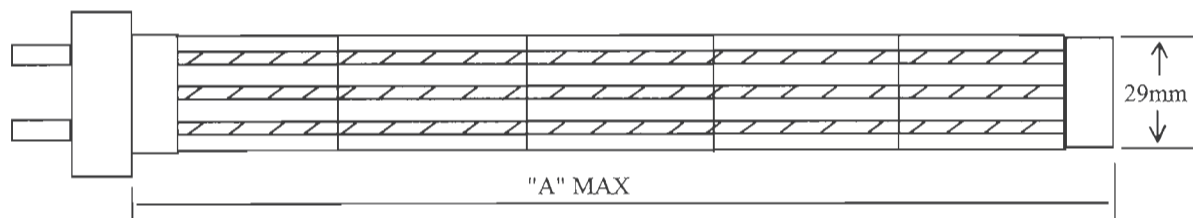


PART No.	RATING Watts	"A" MAX mm	SHEATH TO SUIT
BEW 5	500	200	ETW 5
BEW 7	750	250	ETW 7
BEW 10	1000	300	ETW 10
BEW 12	1200	360	ETW 12
BEW 15	1500	410	ETW 15
BEW 18	1800	460	ETW 18
BEW 20	2000	460	ETW 18
BEW 24	2400	510	ETW 24
BEW 30	3000	560	ETW 30

We suggest that these elements and sheaths be replaced with SM series 1 1/4" BSP tubular elements.



1 1/8" BOBBIN ELEMENTS & SHEATHS FOR HOT WATER SYSTEMS



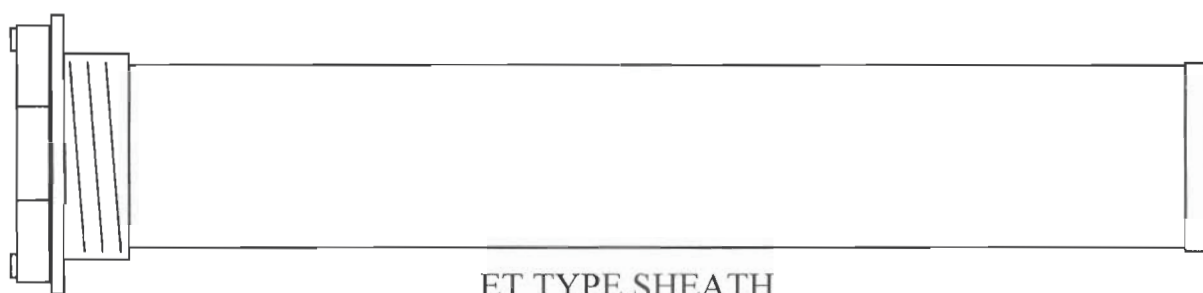
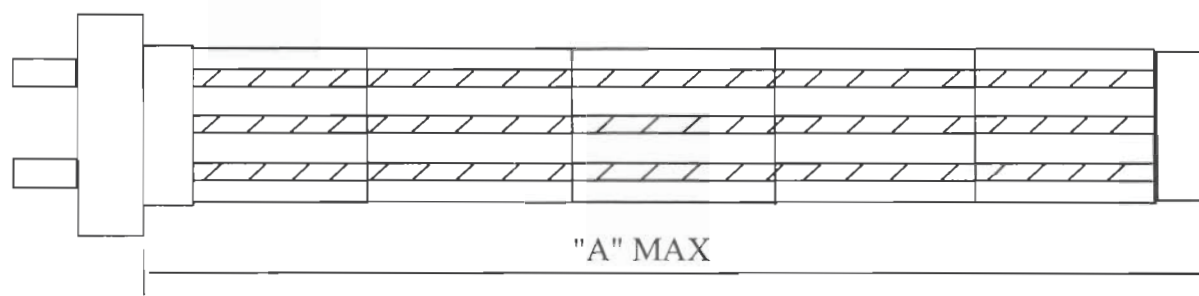
PART No.	RATING Watts	"A" MAX mm	SHEATH TO SUIT
BEY 12	1200	410	ETW 15
BEY 15	1500	410	ETW 15
BEY 15A	1500	510	ETW 24
BEY 18	1800	410	ETW 15
BEY 20	2000	410	ETW 15

We suggest that these elements and sheaths be replaced with SM series 1 1/4" BSP tubular elements.

SPECIAL BOBBIN ELEMENTS



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PART No.	RATING Watts	"A"MAX (mm)	DESCRIPTION	SHEATH TO SUIT
BE 12A	1200	330	TO SUIT TASMAN HWS.(5ACT. 1BLANK)	ET 15
BE 12B	1200	280	LENGTH 280mm. 4ACT. 1BLANK	ET 12
BE 15A	1500	330	LENGTH 330mm. 5ACT. 1BLANK	ET 15
HBG 1	1000+250	330	TO SUIT WHELAN BOILING WATER UNIT	
HBG 2	2000+500	380	TO SUIT WHELAN BOILING WATER UNIT	
HBG 3	2000+250	330	TO SUIT WHELAN BOILING WATER UNIT	
HBG 4	2000+500	355	TO SUIT WHELAN BOILING WATER UNIT	
HBH 7	750		SPOOL TYPE SINK HEATER	
XB 4	1200	330	5ACT. 1" BEADS & STAR T/C. TO SUIT MALLEY	
XB 5	1500	380	6ACT. 1" BEADS & STAR T/C. TO SUIT MALLEY	
XB 6	1800	430	7ACT. 1" BEADS & STAR T/C. TO SUIT MALLEY	
XB 7	3000	480	8 ACT 1" BEADS AND STAR T/C MALLEY	
XB 110	2400	430	7ACT. 1" BEADS & STAR T/C. TO SUIT ESWOOD DISHWASHER	



BUILD A BOBBIN

PHOTOCOPY THIS PAGE. FILL IN THE BLANKS AND FAX IT THROUGH TO L. N. ELEMENTS ON (03)9532 2366.

ORIGINATOR: _____

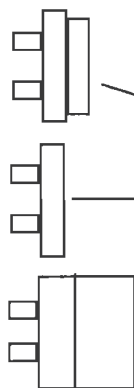
BUSINESS NAME: _____

LOCATION: _____

PHONE No.: _____

FAX No.: _____

STEP 1: Select Type Of Cap



FLANGE TERMINAL CAP (F.T.C)

FLAT CAP (F.C)

STAR TERMINAL CAP (S.T.C)

STEP 2: Choose Diameter, Length & No. of Flutes

Length Of Non-Active Zone =

Number Of Flutes =

Outside Diameter =

"A" MAX =

STEP 3: Specify Other Details

WATTAGE: _____

VOLTAGE: _____

No. REQUIRED: _____

APPLICATION:-

NOTES:

CONVERSION CHART



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EMAIL	LN ELEMENTS	EMAIL	LN ELEMENTS	EMAIL	LN ELEMENTS
3038AG607	RBM 9	3267CG724	RHC 24	90706AG	RHM 36
3038AG609	RBM 12	3267CG730	RHC 30	90706C	RHC 36
3038AG610	RBM 15	3267CG736	RHC 36	90706GC	RHC 36
3038AG715	RBM 24	3267CG748	RLC 48	908	U 14
3038AG718	RBM 30	3411724XR	RB 24	90865AG	RLM 48
3038AG719	RBM 36	3411730XR	RB 30	90994	CB 24
3038AG736	RBM 36	3411736XR	RB 36	91295	SM 24T
3039AG607	SM 10	341248CR	RCM 48	91317G2	CB 24A
3039AG609	SM 12	341248XR	RC 48	949	WB 46
3039AG610	SM 15	341248XR	RC 48	951	WB 30
3039AG715	SM 24	3440724CR	RBM 24	9565	HS 24
3039AG718	SM 30	3440730CR	RBM 30	965	WB 23
3039AG719	SM 36	3440736CR	RBM 36	9650G2	KB 15
3040AG609	SXM 12	3477AG724	RCM 24	9704AG	RCM 36
3040AG610	SXM 15	3477AG730	RCM 30	9704C	RC 36
3040AG715	SXM 24	3477AG736	RCM 36	B1A	BES 704
3040AG718	SXM 30	3477AG748	RCM 48	B2A	BES 705
3040AG719	SXM 36	3477CG724	RC 24	B4A	BES 703
3040AG721	SXM 48	3477CG730	RC 30	FL900002	UK 24
3107AG607	RBM 9	3477CG736	RC 36	KH89A000	RB 12
3107AG609	RBM 12	3477CG748	RC 48	KH89B000	RC 15
3107AG610	RBM 15	3516718CR	RBM 18	KH89C000	RC 18
3107AG715	RBM 24	3526718XR	RB 18	KH89D0	RC 24
3107AG718	RBM 30	4053	DI - 1	KH89E0	RC 30
3107AG719	RBM 36	4108	G 3	KH90B000	RC 24
3107CG607	RB 9	412	WB 46	KH90C000	RC 30
3252AG609	RHM 9	5001	BE 7	KH90D000	RC 36
3252AG612	RHM 12	5002	BE 10	KH90E000	RC 48
3252AG615	RHM 15	5002(S)	ET 10	KJ78C000	RB 12
3252AG618	RHM 18	5003	BE 12	KJ78E000	RB 18
3252AG620	RHM 20	5003(S)	ET 12	KJ78G000	RB 24
3252AG624	RHM 24	5004	BE 15	KJ78H000	RB 30
3252AG736	RHM 36A	5004(S)	ET 15	KJ78J000	RB 36
3252AG748	RHM 48	5005	BE 18	KJ79A000	RC 48
3252CG615	RHC 15	5005(S)	ET 18	SS09HP	RBM 9
3252CG618	RHC 18	5006	BE 20	SS12HP	RBM 12
3252CG620	RHC 20	5007	BE 24	SS15FB	RBM 15
3252CG624	RHC 24	5007(S)	ET 24	SS15HP	RBM 15
3252CG736	RHC 36A	5008	BE 30	SS15SI	RCM 15
3252CG748	RHC 48	5008(S)	ET 30	SS18FB	RBM 18
3267AG609	RHM 9	5009	BE 36	SS18HP	RBM 18S
3267AG612	RHM 12	5009(S)	ET 36	SS18SI	RCM 18
3267AG615	RHM 15	5010	BE 48	SS24FB	RBM 24
3267AG718	RHM 18	90187AG	RCM 30	SS24SI	RCM 24
3267AG720	RHM 20	90230AG	RCM 36	SS30FB	RBM 30
3267AG724	RHM 24	90230C	RC 36	SS30SI	RCM 30
3267AG730	RHM 30	90377AG24	RBM 24	SS36FB	RBM 36
3267AG736	RHM 36	90377AG36	RBM 36	SS36FB-9	RBM 36A
3267AG748	RLM 48	904	U 9	SS36SI	RCM 36
3267CG609	RHC 9	90457	UH 12	SS48SI	RCM 48
3267CG612	RHC 12	906	U 10A	VF270000	SM 22T
3267CG615	RHC 15	90644	CB 15	VH4900	LBM 18
3267CG718	RHC 18	907	U 12	VJ3000	LBM 18
3267CG720	RHC 20	90704	RHC 7A	3267CG720	RHC 20
		3267CG720	RHC 20		



CONVERSION CHART

STOKES	LN ELEMENTS	STOKES	LN ELEMENTS	STOKES	LN ELEMENTS
1094BL	RH 36A	2203-10B	DBS 10	9186	ET 15
1094-28	ZGF 4	2205-10B	DBS 15	9187	ET 18
1126BL	RHC 48	2206-10B	DBS 18	9188	ET 36
1165-23	X 1165	2207-10B	DBS 20	9355	CH 2
1264BL	RHC 30	2208-10B	DBS 24	9401	KRH 24B
1264XN	RB 30	2209-10B	DBS 30	B	BE 48S
1264XSN	RC 30	2211-10B	DWS 6	B1	BE 36
1264-21	ZGF 5	2212-10B	DWS 6	B10	HBH 7
1265BL	RHC 36	2213-10B	DWS 10	B1A	BES 704
1265XN	RB 36	2214-10B	DWS 12	B2	BE 30
1265XSN	RC 36	2215-10B	DWS 15	B2A	BES 705
1321XSN	RCM 48	2216-10B	DWS 18	B3	BE 24
1323BL	RHM 6	2217-10B	DWS 20	B3A	BES 712
1324BL	RHM 9	2218-10B	DWS 24	B4	BE 20
1325BL	RHM 12	2219R	ZCA 3	B4A	BES 703
1326BL	RHM 15	2220R	ZCA 2	B5	BE 18
1327BL	RHM 18	2221-22	ZBA 2	B5A	BES 710
1327XN	RBM 18	2225-125R	SM 18	B6	BE 15
1328BL	RHM 20	2225-200R	SXM 18	B6A	BES 708
1329BL	RHM 24	2226-125R	SM 20	B7	BE 12
1329XN	RBM 24	2226-200R	SXM 20	B8	BE 10
1329XSN	RCM 24	2227-125R	SM 24	B8A	BES 701
1330BL	RHM 30	2227-200R	SXM 24	B9	BE 7
1330XN	RBM 30	2228-125R	SM 30	B9A	BES 700
1330XSN	RCM 30	2228-200R	SXM 30	HP	ZY 132E
1331BL	RHM 36	2229-125R	SM 36	HW 1095	UK 24S
1331XN	RBM 36	2229-200R	SXM 36	J1	ZY 132B
1331XSN	RCM 36	2230-125R	SM 48	J2	ZY 132C
1332BL	RHM 36	2230-200R	SXM 48	J3	ZY 132D
1333BL	RLM 48	2504	RF 2504	SFV 6A	FV 6A
1334BL	RHC 6	2505	RF 2505	SLA 15	LA 15
1335BL	RHC 9	2506	RF 2506	SUH 15	UH 15
1336BL	RHC 12	2507	RF 2507	SU 9	U 9
1336XN	RB 12	2508	RF 2508	SU 10A	U 10A
1337BL	RHC 15	2509	RF 2509	SU 12	U 12
1337XN	RB 15	2510	RF 2510	SWBF 30	WBF 30
1338BL	RHC 18	2580-A	UK 24	SWBF 40	WBF 40
1338XN	RB 18	2582-A	UK 15	SWBF 46	WBF 46
1339BL	RHC 20	2622	GXS 30	SWB 46	WB 46
1339XN	RB 20	2635	GXM 60	SKHE 18	KHE 18
1340BL	RHC 24	2636	GXM 72	SKHE 24	KEH 24
1340XN	RB 24	2637	GXM 90	SKLC 18	KLC 18
1340XSN	RC 24	2638	GXM 108	SKRH 24	KRH 24
1341BL	RHC 36	3451A	KHE 18	SKB 15	KB 15
1342BL	RLC 48	3452A	KHE 18	SKES 24E	KES 24E
1343XSN	RC 48	3453AI	KHE 24		
1905-A	KHA 18	3458A	KES 24E		
2107	UKM 15	3550	UK 24L		
2108	UKM 24	3551	UK 36L		
2158	KHA/E 24	9001-B	CCS 18		
2166A	UK 15	9002-B	CCA 24		
2201-10B	DBS 5	9003-B	CCE 24		
2202-10B	DBS 7	9185	ET 10		
3267CG720	RHC 20	3267CG720	RHC 20		

GUARANTEE

LN Elements Pty. Ltd. (LN Elements) guarantee electric heating elements manufactured by it, to be free from defects in workmanship and/or materials. Its obligations pursuant to this guarantee are limited to the repair or replacement of any such element which proves to be defective within the guarantee period, or at LN Elements' option, refund of the purchase price. The repair, replacement or refund shall be effected upon the defective element being returned freight prepaid to the Registered Office of LN Elements or to the offices of its accredited Agents. LN Elements shall not be responsible for the cost of removing any defective element or reinstalling the repaired or replacement element.

(Where LN Elements supplies goods not of LN Elements' manufacture, the customer shall only be entitled to such benefits as LN Elements may receive under any guarantee given to it in respect thereof.)

GUARANTEE PERIOD - Twelve (12) months from the date of sale by LN Elements or twenty-four (24) months from the date of manufacture by LN Elements, whichever period shall first expire.

CONDITIONS - This guarantee shall not apply -

- (a) if notice of the defect has not been given to LN Elements within the guarantee period;
- (b) to consequential damage arising out of alleged failure of elements supplied;
- (c) if the heating element has been -
 - (i) subject to misuse, abuse, negligence or accident;
 - (ii) subjected to conditions giving rise to sheath corrosion;
 - (iii) installed, maintained or operated otherwise than in the manner for which it was designed;
 - (iv) operated on an electrical supply, the voltage of which varies by more than 10% from the rated voltage applicable to the element;
 - (v) used for any duty or subjected to any abnormal operating condition varying from that for which it was supplied by LN Elements.

Orders will only be accepted and all sales shall proceed subject to LN Elements' general conditions of sale, copies of which are available at request.

REQUIRE ELEMENTS FAST

Then you can't go past

**LN's SPECIAL ELEMENT DIVISION
for
Catalogue Items, Custom Build Elements
or
Units Designed and Manufactured
to your Specific Specifications**



LN's SPECIAL ELEMENT DIVISION
Phone: 03 9553 5577 Fax: 03 9532 2366