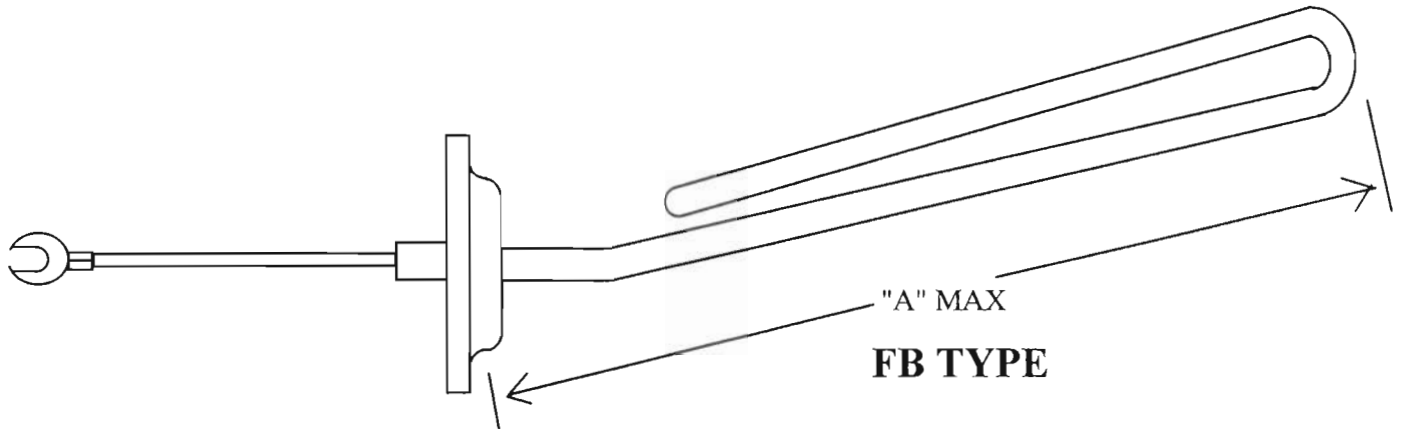




# UNIVERSAL BOLT ON ELEMENTS

## 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

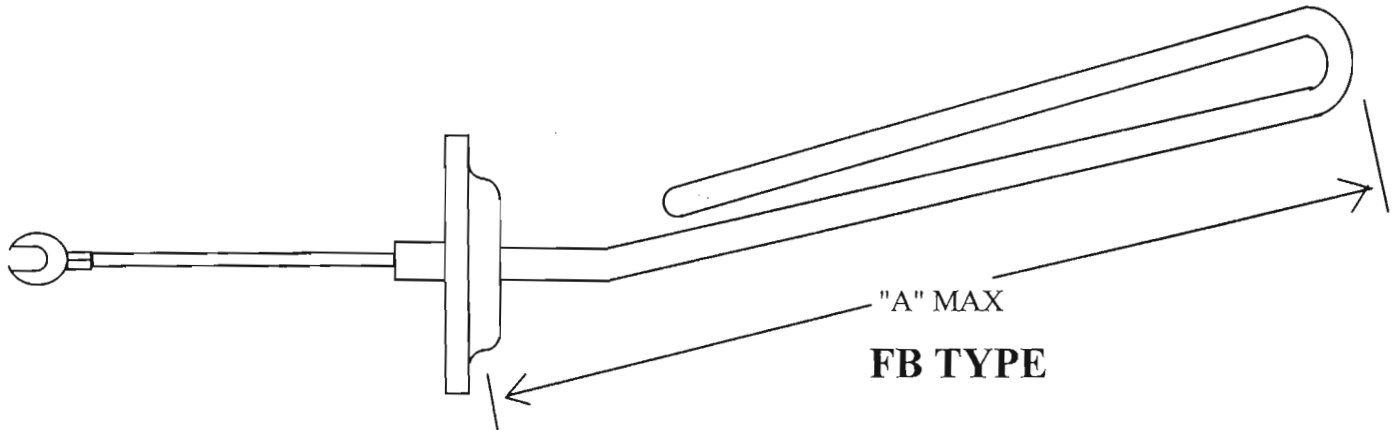
**SUPPLIED WITH THE SUPERIOR LN MOISTURE PROOF HEAD.**

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

# UNIVERSAL BOLT ON ELEMENTS



## 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

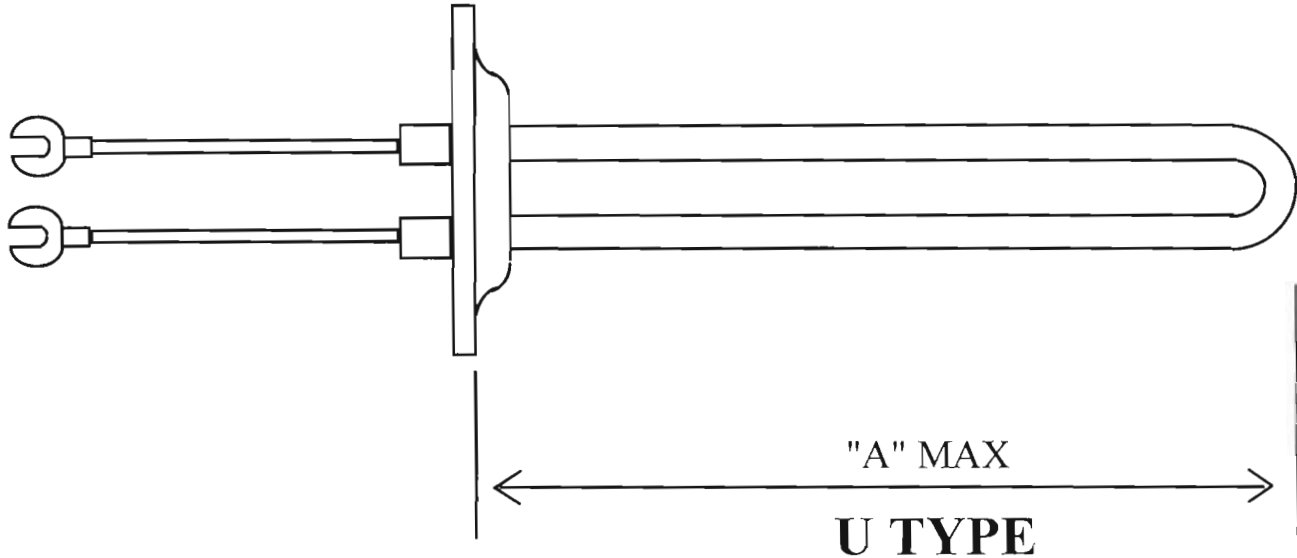
**SUPPLIED WITH THE SUPERIOR LN MOISTURE PROOF HEAD.**

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



# UNIVERSAL BOLT ON ELEMENTS

## COPPER SHEATHED ELEMENTS

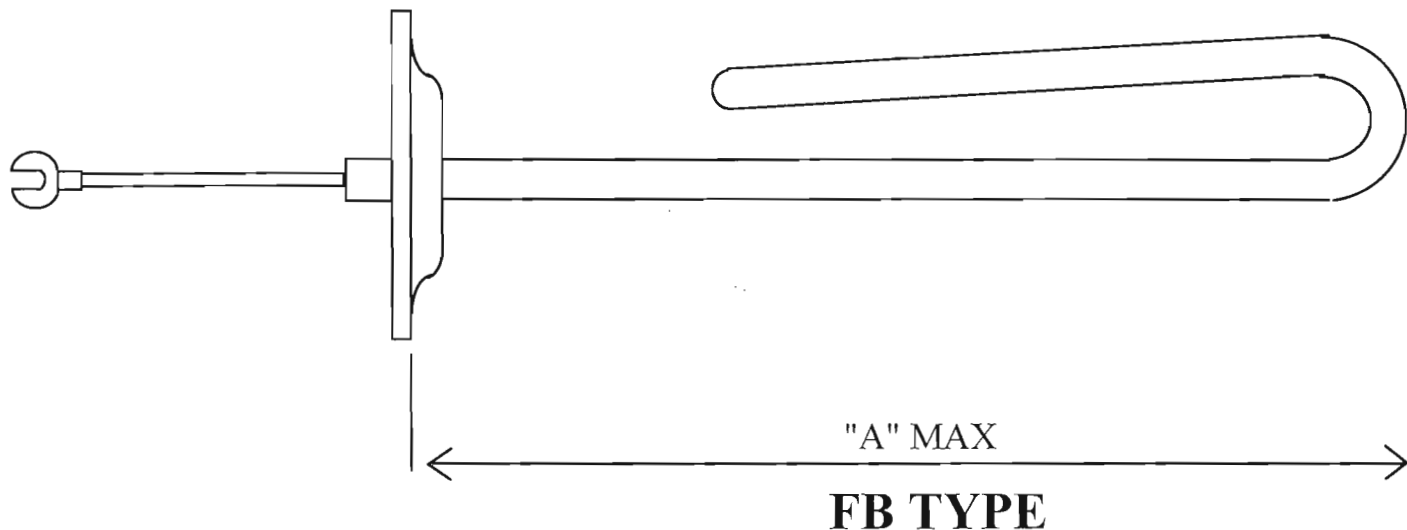


PART No.	RATING Watts	"A" MAX mm	TYPE
RB 6	600	230	U
RB 7A	750	140	FB
RB 9	900	255	U
RB 10	1000	180	FB
RB 12	1200	280	U
RB 15	1500	305	U
RB 18	1800	230	FB
RB 20	2000	245	FB
RB 24	2400	265	replaced by RD series (page 1)
RB 30	3000	305	replaced by RD series (page 1)
RB 36	3600	305	replaced by RD series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

## 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)

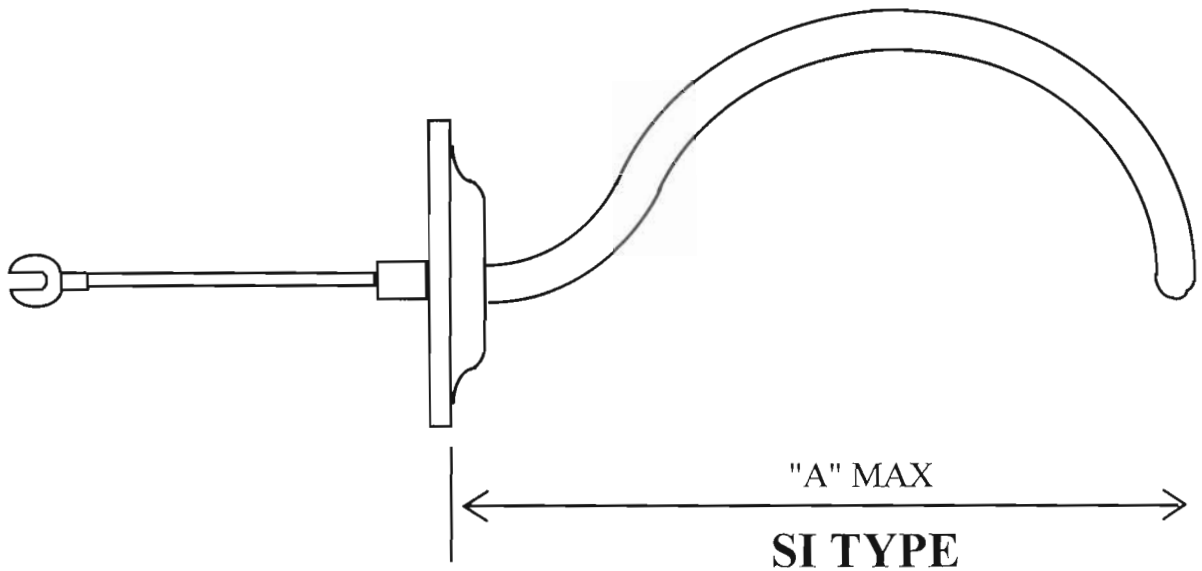
**SUPPLIED WITH THE SUPERIOR LN MOISTURE PROOF HEAD.**

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



# UNIVERSAL BOLT ON ELEMENTS

## COPPER SHEATHED ELEMENTS

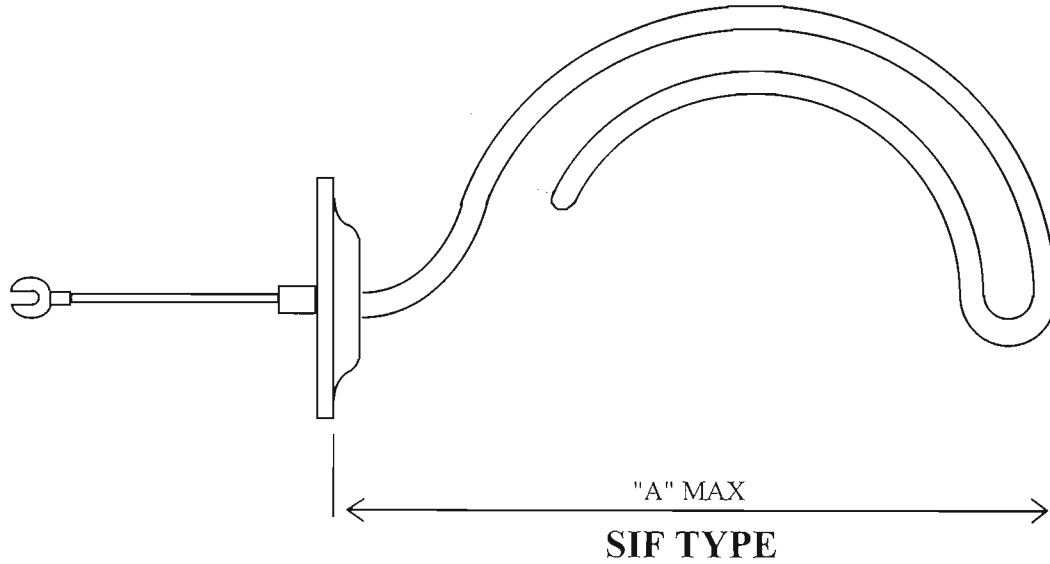


PART No.	RATING Watts	"A" MAX mm	TYPE
RC 12	1200	305	SI
RC 15	1500	305	SI
RC 18	1800	305	SI
RC 20	2000	305	SI
RC 24	2400	305	SIF
RC 30	3000	305	SIF
RC 36	3600	305	SIF
RC 48	4800	305	SIF
RC 60	6000	460	SIF

**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.



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## HARD WATER

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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.

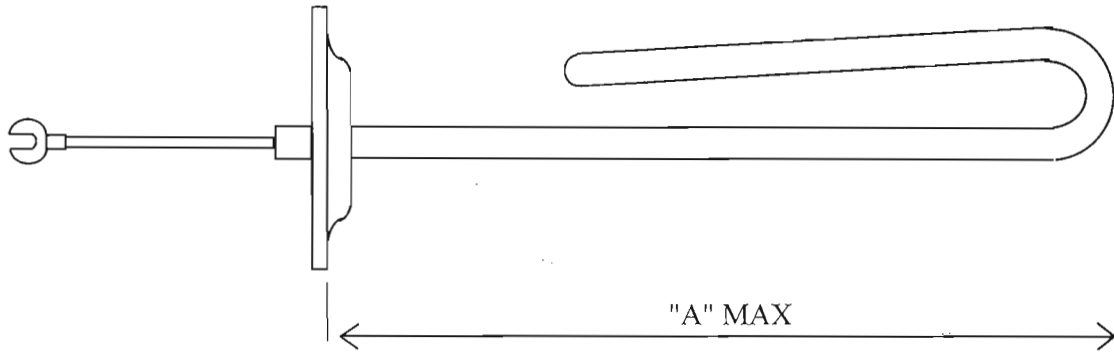
Remember these elements and suggestions can help improve service life only. The only sure solution is water treatment.

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.

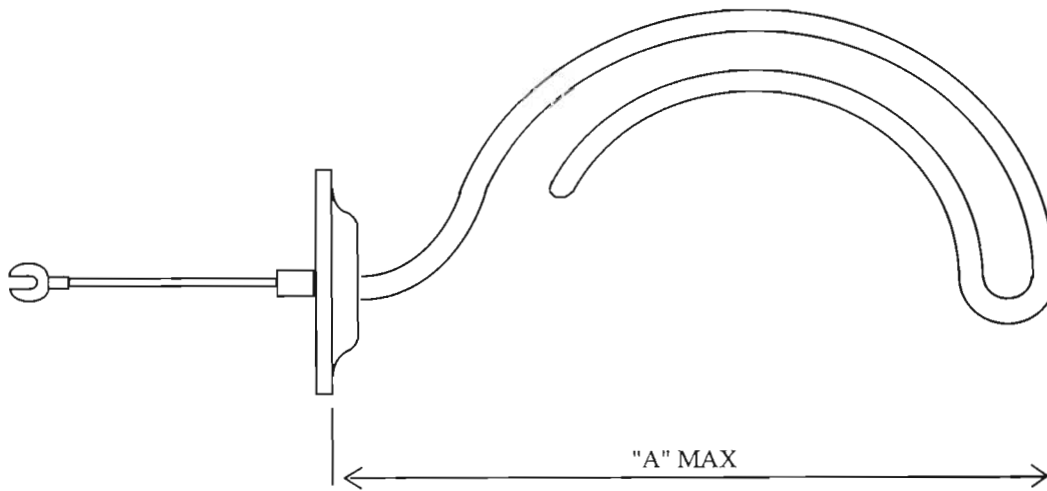


## LOW WATTS DENSITY ALLOY 825 ELEMENTS FOR HARD WATER AREAS



**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**

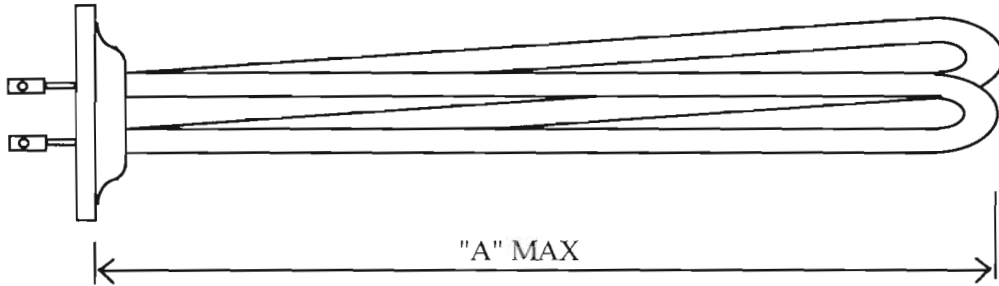
PART No.	RATING Watts	"A" MAX mm	TYPE
LCY 18	1800	305	SIF
LCY 24	2400	305	SIF
LCY 30	3000	305	SIF
LCY 36	3600	460	SIF
LCY 48	4800	460	SIF

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



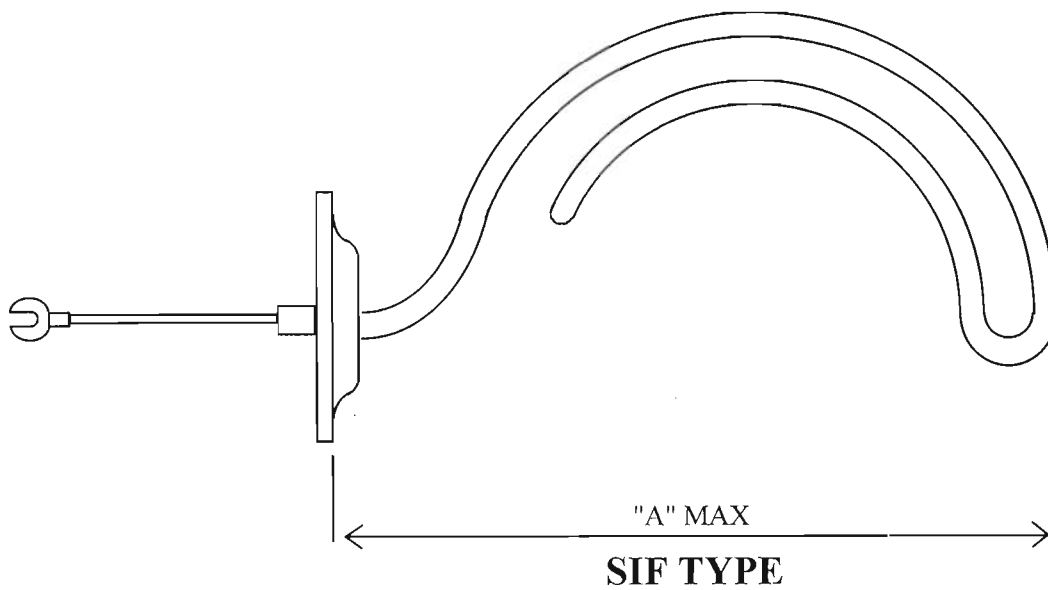
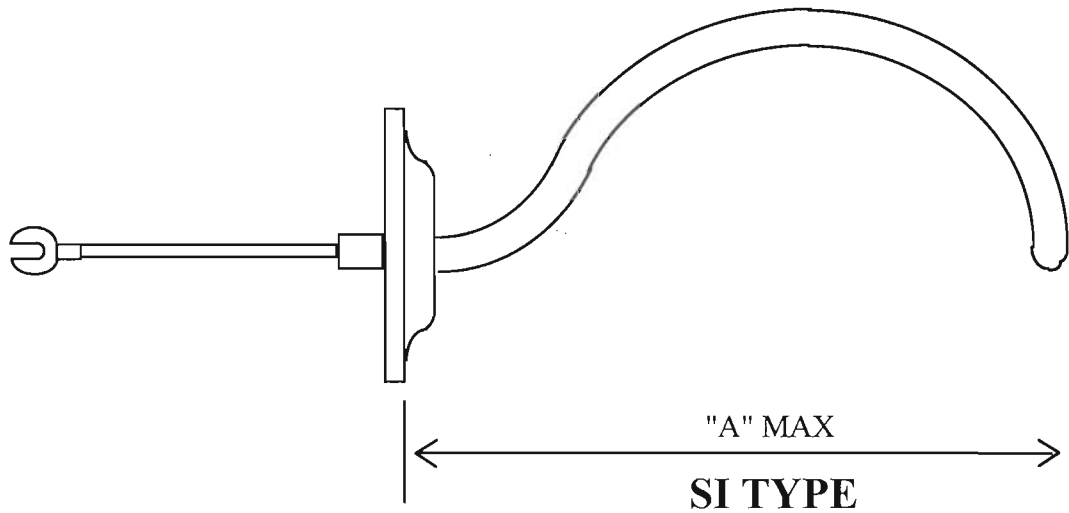
# SPECIAL BOLT ON ELEMENTS

## TWIN BOLT ON ELEMENTS



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

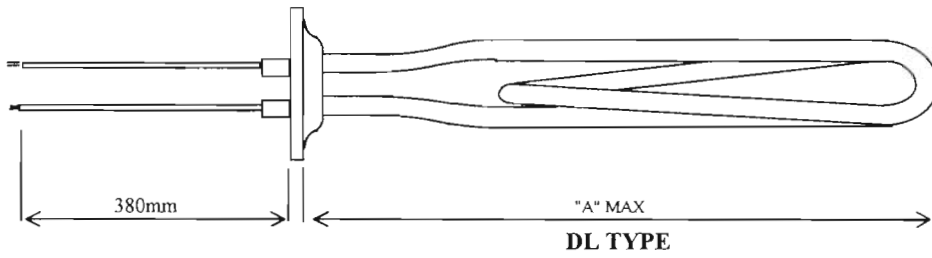
## BRAEMAR RILSAN HOT WATER ELEMENTS



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

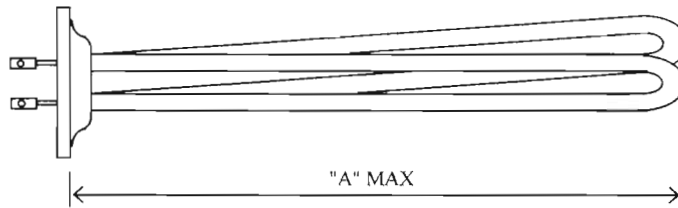


# SPECIAL BOLT ON ELEMENTS

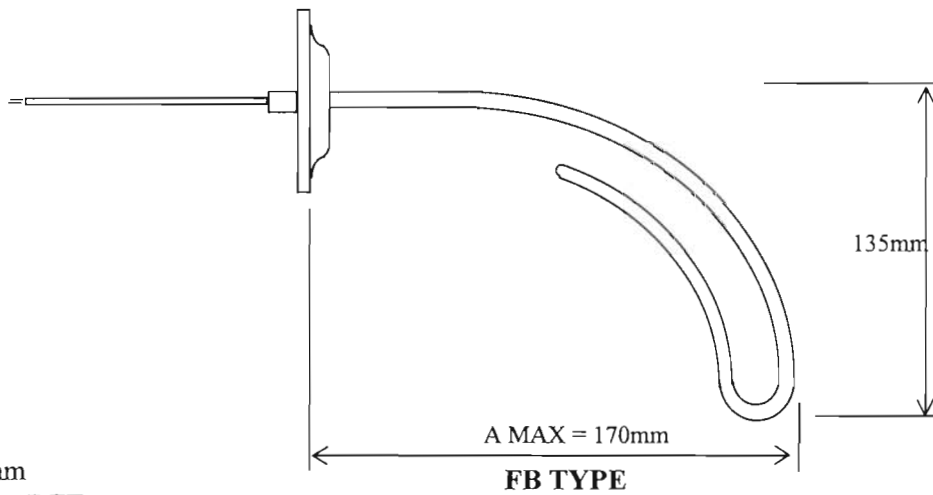


**X 2246**  
2400W 240V  
A MAX = 210mm  
FOR WHELAN UNIT

**X 2255**  
2400W 240V  
A MAX = 265mm  
FOR WHELAN UNIT

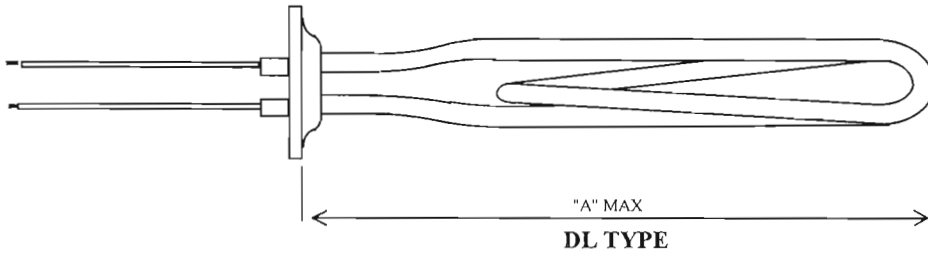


**X 2421**  
4800W 240V  
A MAX = 435mm  
FOR WHELAN UNIT



**X 2224**  
2000W 240V  
A MAX = 170mm  
FOR WHELAN UNIT

# SPECIAL BOLT ON ELEMENTS

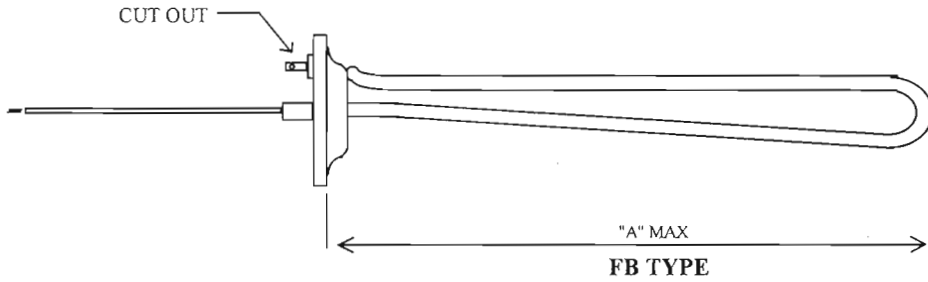


**X 960**

3600W 240V

A MAX = 280mm

FOR WILSON UNIT



**X 2200**

2400W 240V

A MAX = 200mm

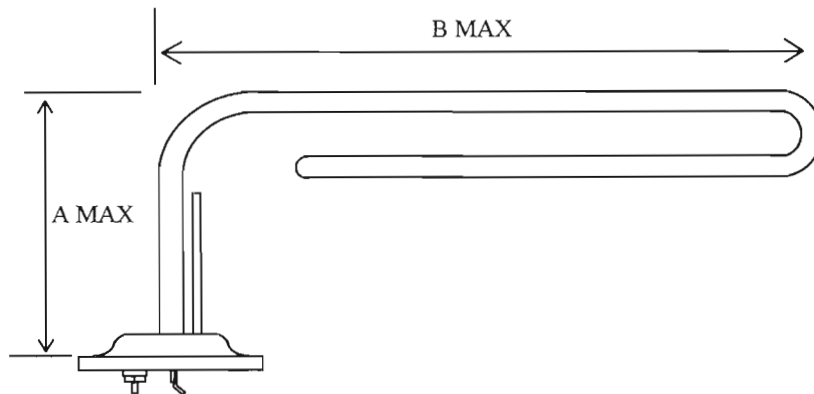
FOR WILSON UNIT

**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

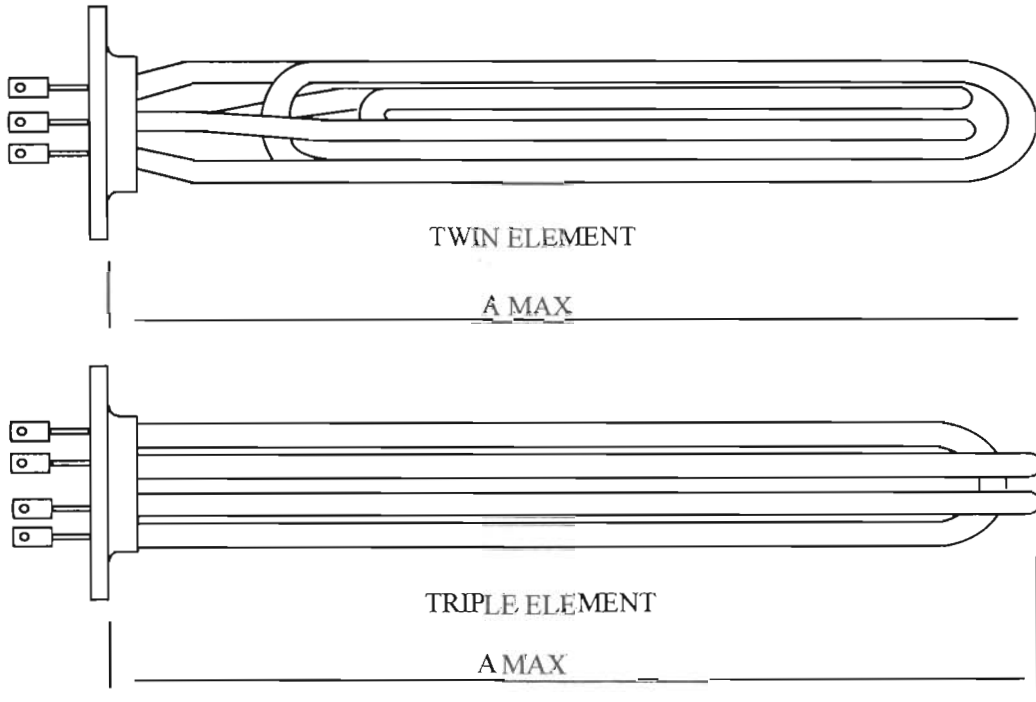
B MAX = 200mm

FOR RHEEM LAZER UNIT



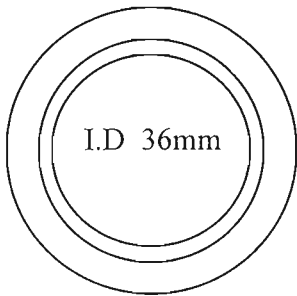
# SPECIAL BOLT ON ELEMENTS

## 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			

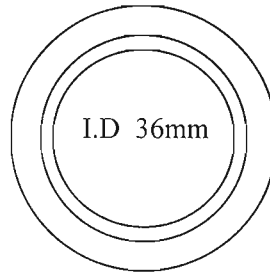
# BOLT ON ELEMENT ACCESSORIES



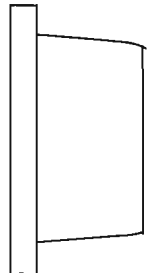
O.D 48.5mm



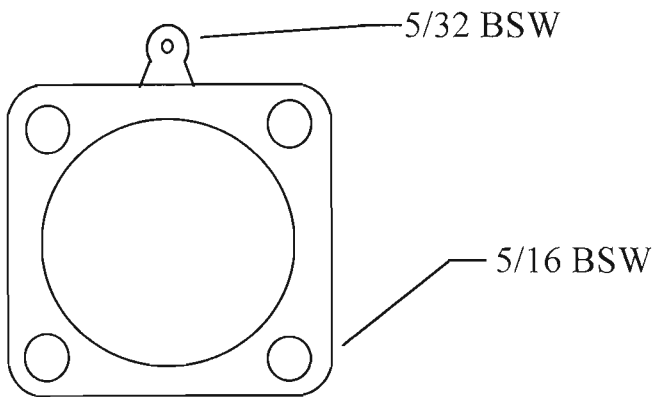
**ZGF 5**  
L SECTION RUBBER GASKET.



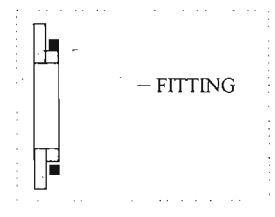
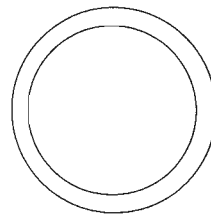
O.D 48.5mm



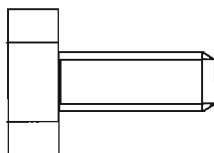
**ZGF 5B**  
RHEEM STYLE L SECTION GASKET  
WITH EXTENDED SKIRT.



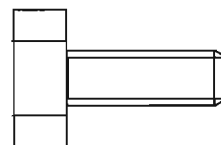
**ZMF**  
MOUNTING FLANGE FOR  
BRAZING TO TANK.



**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.