



INSTALLATION GUIDE



HYDROTHERM AUSTRALIA

03 9464 4622



GREENHEAT

RADIATOR KILOWATT OUTPUT CHART

←----- WIDTH -----→

size (mm)	280 mm	360 mm	440 mm	520 mm	600 mm	680 mm	760 mm	840 mm	920 mm	1000 mm	1080 mm	1160 mm	1240 mm	1320 mm	1400 mm	1480 mm	1560 mm	1640 mm	1720 mm	1800 mm	1880 mm	1960 mm
300 mm							0.46	0.51	0.55	0.6	0.64	0.69	0.73	0.78	0.83	0.87	0.92	0.96	1.02	1.06	1.1	1.15
400 mm							0.58	0.64	0.69	0.75	0.81	0.87	0.93	0.99	1.04	1.1	1.16	1.29	1.28	1.33	1.39	1.45
500 mm							0.7	0.77	0.84	0.91	0.98	1.05	1.12	1.19	1.26	1.33	1.4	1.47	1.52	1.61	1.64	1.75
600 mm							0.82	0.9	0.98	1.06	1.14	1.23	1.31	1.39	1.48	1.55	1.64	1.71	1.8	1.88	1.97	2.05
900 mm	0.47	0.59	0.71	0.82	0.94	1.06	1.18	1.29	1.42	1.53	1.65	1.77	1.89	1.97	2.13	2.19	2.36	2.47	2.59	2.71	2.84	2.95
1200 mm	0.62	0.77	0.92	1.08	1.23	1.39	1.54	1.69	1.84													
1500 mm	0.76	0.95	1.14	1.33	1.52	1.71	1.9	2.09	2.28													
2000 mm	0.99	1.25	1.5	1.64	2	2.27	2.5	2.75														

↑----- HEIGHT -----↓

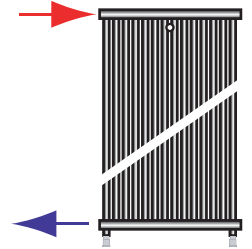
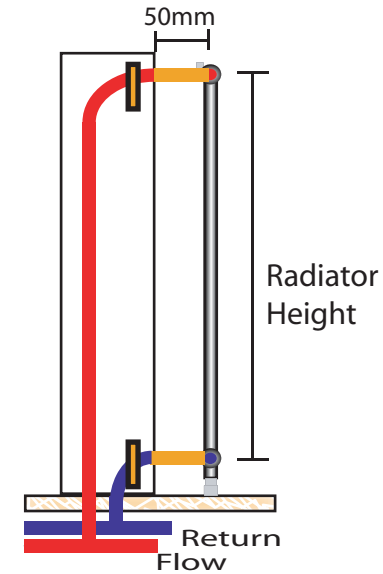
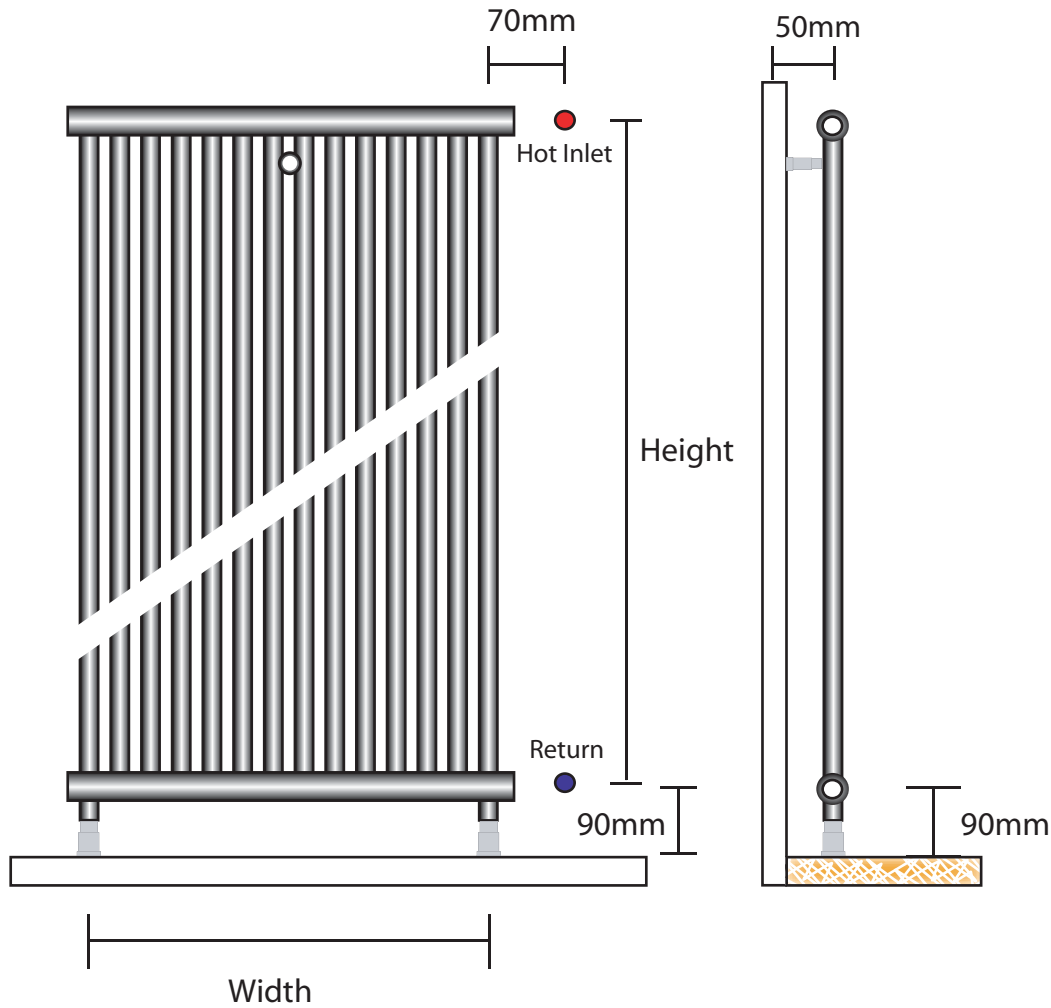
PLEASE NOTE: KILOWATT OUTPUTS ARE AT 60°C WATER TEMPERATURE
 HEAT OUTPUT REQUIRED 1KW PER 10 SQUARE METERS
 (AVERAGE INSULATION - GLASS AREA - CEILING HEIGHT - 2.7 METRES)



GreenHeat

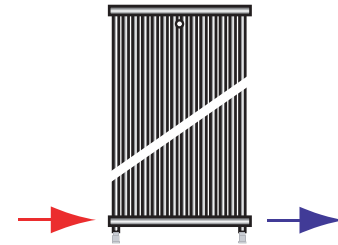
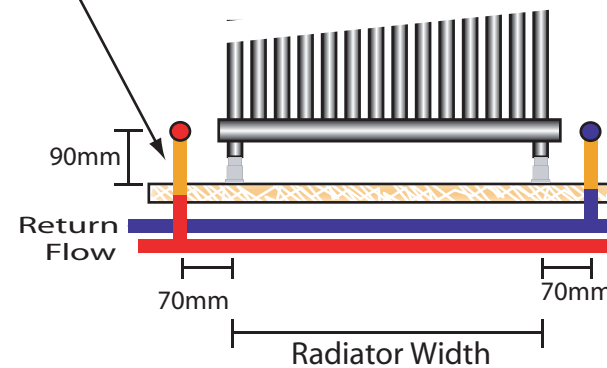
Radiator Installation Guide

Options for flow and return valves



Top to Bottom

Copper Tails 1/2"
Preferable Chrome plate



Bottom to Bottom

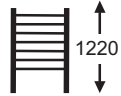


* OVERALL Height of Radiators from Floor add 110mm (including feet)




* VALVES: If piped bottom to bottom add 140mm to radiator nominated width (for pipe centres)



Green Heat

Towel Rail Kilowatt Output Chart

		MODEL	400	500	600	700	800	900	1000	
GR2		GR2	0.19 kW	0.22 kW	0.26 kW	0.27 kW	0.33 kW	0.36 kW	0.39 kW	
		SIZE	1220 x 400	1220 x 500	1220 x 600	1220 x 700	1220 x 800	1220 x 900	1220 x 1000	
		CODE	GR2/400	GR2/500	GR2/600	GR2/700	GR2/800	GR2/900	GR2/1000	
	GR3		GR3	0.28 kW	0.33 kW	0.38 kW	0.43 kW	0.48 kW	0.53 kW	0.58 kW
			SIZE	1670 x 400	1670 x 500	1670 x 600	1670x 700	1670x 800	1670 x 900	1670 x 1000
			CODE	GR3/400	GR3/500	GR3/600	GR3/700	GR3/800	GR3/900	GR3/1000
	GR4		GR4	0.38 kW	0.45 kW	0.51 kW	0.58 kW	0.65 kW	0.72 kW	0.77 kW
			SIZE	2120 x 400	2120 x 500	2120 x 600	2120 x 700	2120 x 800	2120 x 900	2120 x 1000
			CODE	GR4/400	GR4/500	GR4/600	GR4/700	GR4/800	GR4/900	GR4/1000

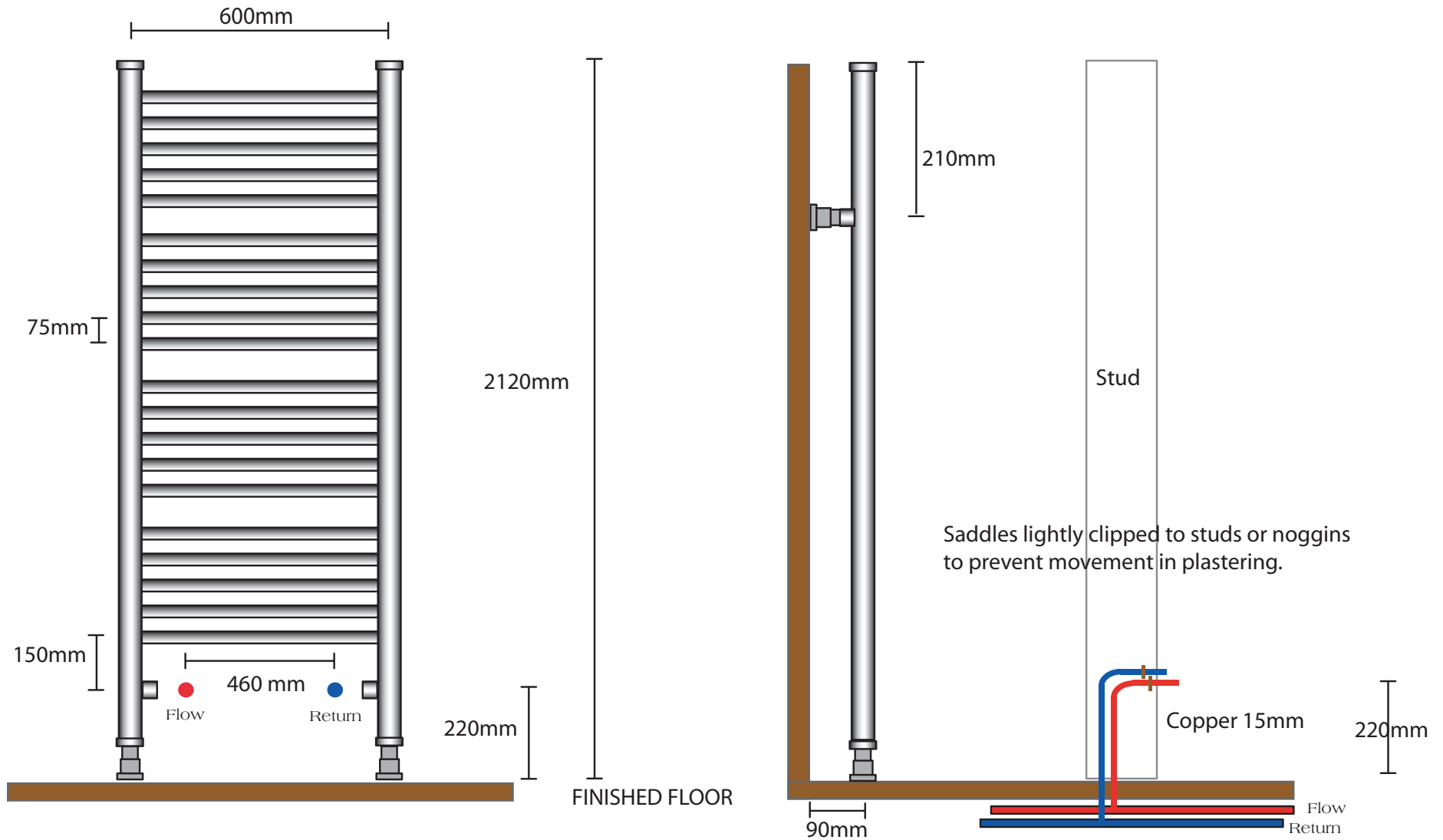
		MODEL	400	500	600	700	800	900	1000	
GH2		GH2	0.37 kW	0.44 kW	0.51 kW	0.53 kW	0.65 kW	0.72 kW	0.79 kW	
		SIZE	1220 x 400	1220 x 500	1220 x 600	1220 x 700	1220 x 800	1220 x 900	1220 x 1000	
		CODE	GH2/400	GH2/500	GH2/600	GH2/700	GH2/800	GH2/900	GH2/1000	
	GH3		GH3	0.56 kW	0.66 kW	0.76 kW	0.86 kW	0.96 kW	1.06 kW	1.16 kW
			SIZE	1670 x 400	1670 x 500	1670 x 600	1670x 700	1670x 800	1670 x 900	1670 x 1000
			CODE	GH3/400	GH3/500	GH3/600	GH3/700	GH3/800	GH3/900	GH3/1000
	GH4		GH4	0.75 kW	0.89 kW	1.02 kW	1.16 kW	1.30 kW	1.44 kW	1.53 kW
			SIZE	2120 x 400	2120 x 500	2120 x 600	2120 x 700	2120 x 800	2120 x 900	2120 x 1000
			CODE	GH4/400	GH4/500	GH4/600	GH4/700	GH4/800	GH4/900	GH4/1000

Please Note: All height and width measurements are in mm. Width measurements are centre to centre. Chrome Plate Towel Rails give off 1/3 less heat output.



GREENHEAT

GH4 Towel Rail Installation





BY HYDROTHERM

RING MAIN

INSTALLATION GUIDE

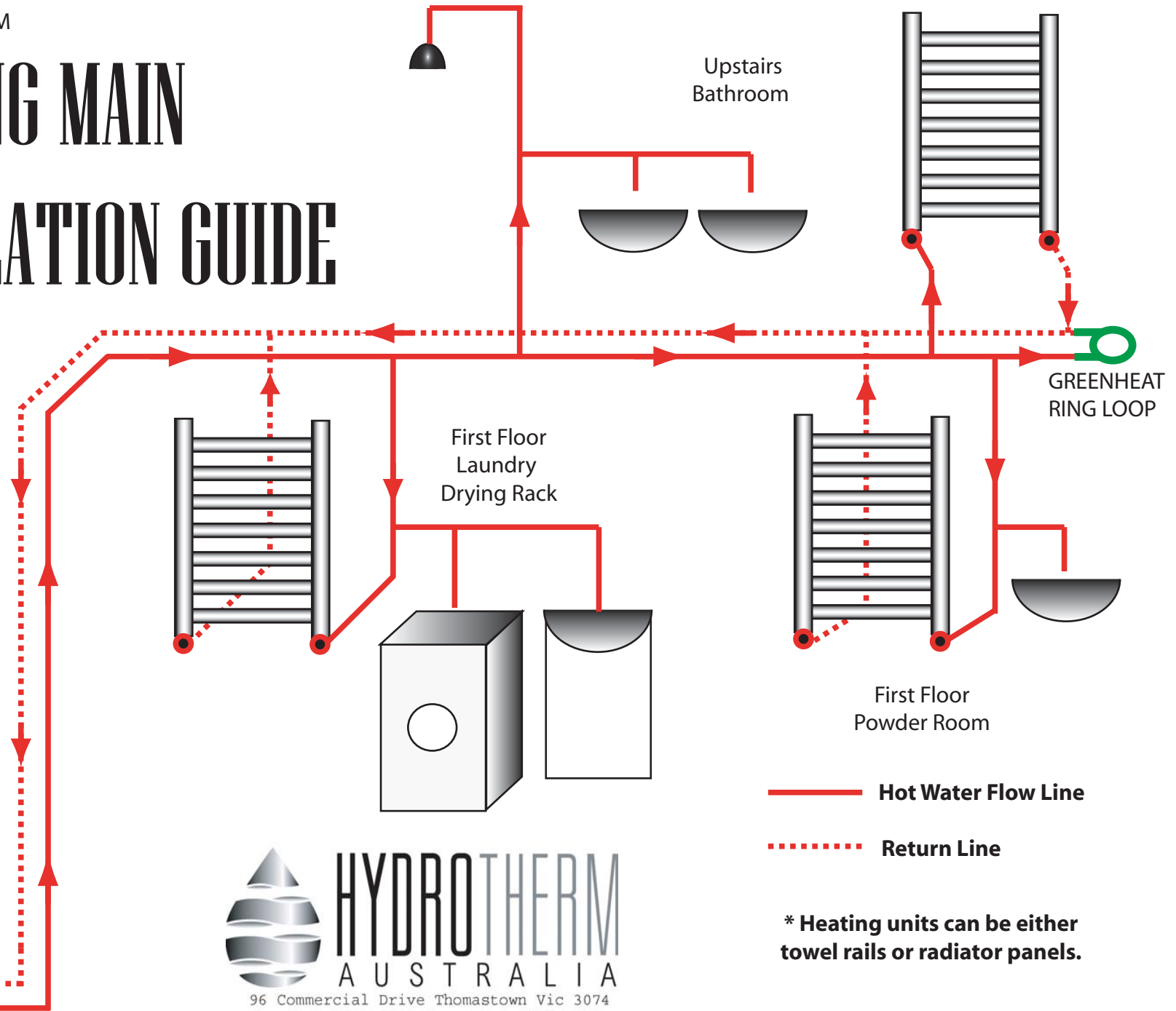
RINNAI INFINITY
HOT WATER UNIT



GREENHEAT
PUMP KIT

MAINS
WATER
SUPPLY

Duo
Valve



— Hot Water Flow Line

..... Return Line

* Heating units can be either
towel rails or radiator panels.

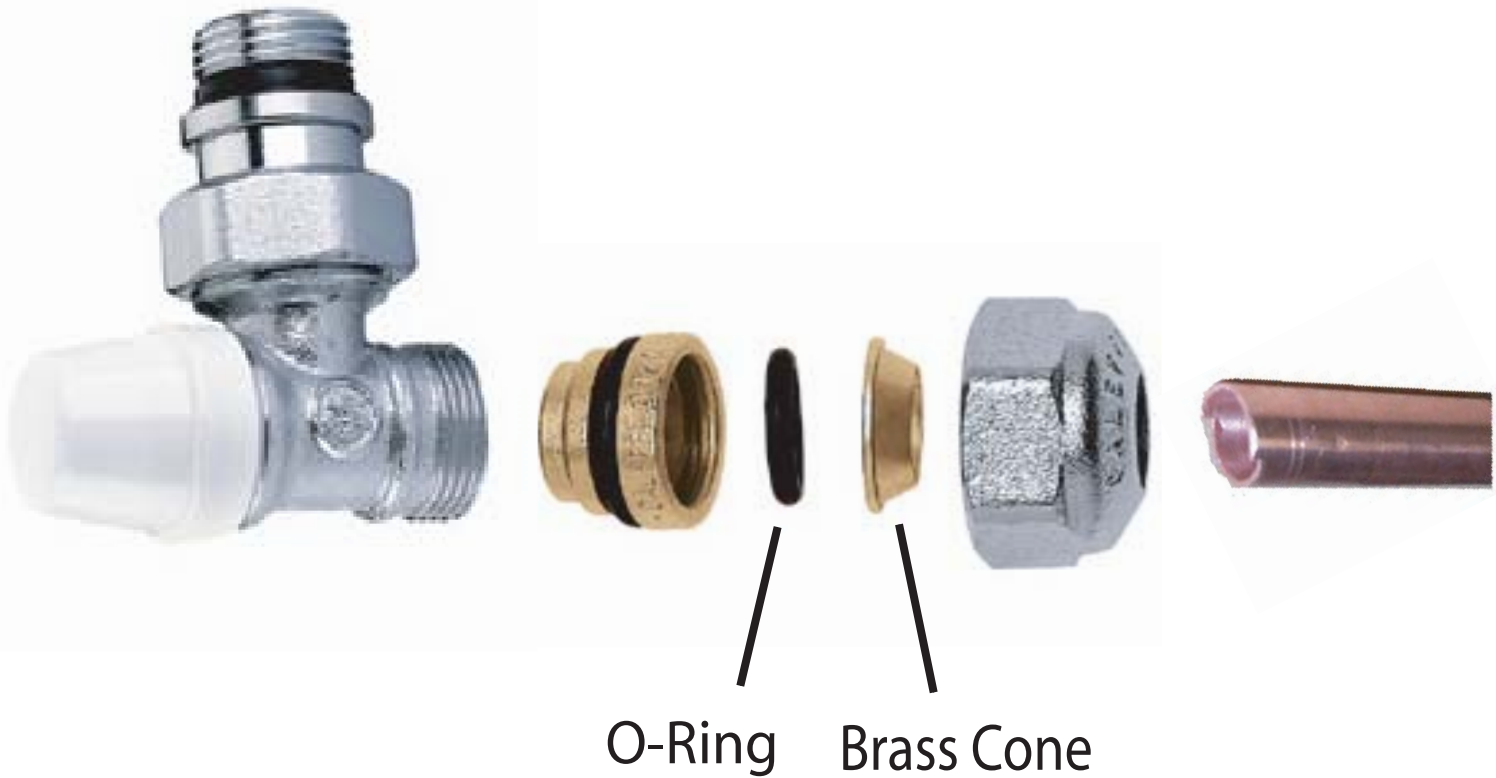


96 Commercial Drive Thomastown Vic 3074

Ph. 61 3 9464 4622 Fax. 61 3 9464 4722

www.hydrotherm.com.au

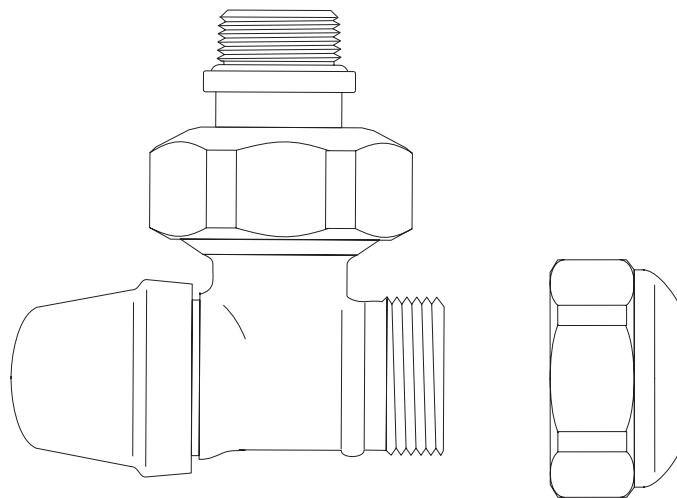
CONNECTION OF HYDROTHERM GREENHEAT VALVE TO COPPER PIPE



THE COPPER TUBE MUST BE PERFECT AND NOT REDUCED BY ANY MEANS
EG: MADE ROUND WITH THE BLOCK OF A FLARING TOOL

TO BE EFFECTIVE THE BRASS CONE MUST BITE INTO THE COPPER TUBE AND
SHOULD NOT BE ABLE TO BE REMOVED.

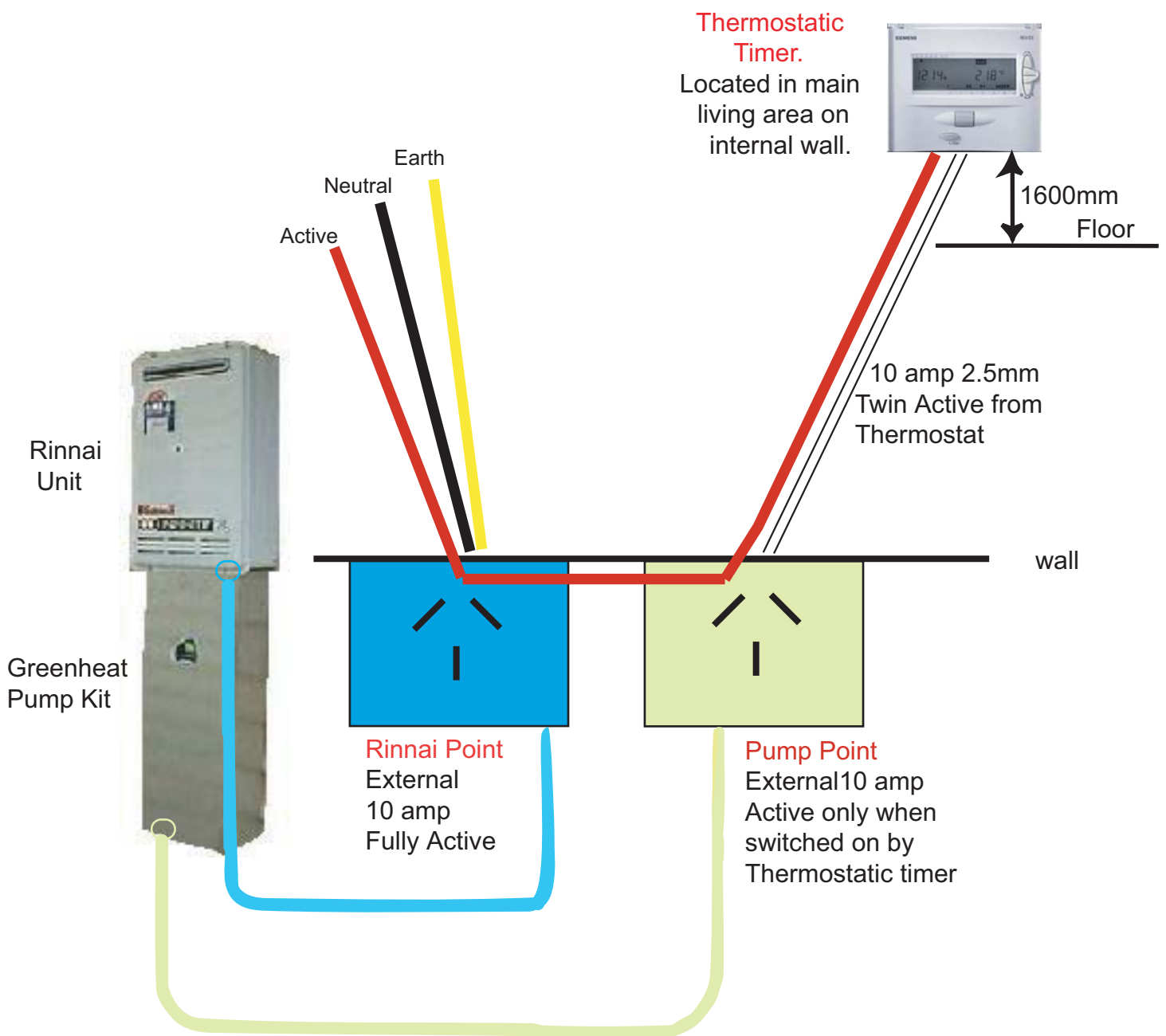
THE NUT MUST BE FULLY TIGHTENED IN ORDER TO BE EFFECTIVE.





Electrical Wiring Diagram for Greenheat System

Must be installed on a **SPLIT CIRCUIT**
Rinnai on constant power.
Circulation Pump on timed programmer.



Rinnai

Powering Greenheat

Never runs out of hot water, even if you are the last in the shower

- Heats on demand, saving \$\$ on your gas hot water bill
- Highest industry 5+ Star Efficiency ratings
- Produces around 70% less green house emissions than Electric Storage systems
- Fully electronic ignition with no wasteful pilot lights
- AAA Shower compatible
- Solar compatible



Rinnai