



NORTHERN GAS AND ELECTRICAL

A DIVISION OF THERMAL PRODUCTS PTY LTD



THERMAL

thermalproducts.com.au

50 Years Of Quality Service & Products

Thermal Products

30 Years of quality service and support Australia wide in the electrical industry

Northern Gas & Electrical

20 years of quality service and support Australia wide in the gas industry



50 Years of Product Knowledge


50 Years Of Helpful Service

50 Years of Customer Satisfaction

50 Years Of Proud Australian Ownership

Now boasting 50 years of combined industry experience and product knowledge Thermal Products is proud to announce the incorporation of Northern Gas and Electric. Servicing the domestic, commercial and industrial sectors Thermal Products is truly your one stop shop for all your gas and electrical needs.

Common Range of Gas & Electrical Parts

Part Number	Description	Alternate Part Number	Image
13.10.1036	HOSE MANOMETER 1METRE	T75	 northerngas.com.au
14.50.0044	REGULATOR 3/4 NG 2060	Z0209B	 northerngas.com.au
14.50.0045	REGULATOR 1/2 BROMIC	6160595	
14.70.0102	ADAPTOR METER 1" M / F"	G9042	 northerngas.com.au
14.70.0328	BEND OUTLET FOR GAS METER W/CO	A21	 northerngas.com.au
14.70.1000	TEST POINT PRESSURE#37600	37600	 northerngas.com.au
19.40.1053	MANOMETER O-8Kpa P/N 60-2308	60.-2308	

To view our complete range of gas & electrical parts visit www.northerngas.com.au

Common Range of Gas & Electrical Parts

Part Number	Description	Alternate Part Number	Image
24.20.0001	DETECTOR GAS LEAK SPRAY	SMRVS100401	
25.20.0520	SEALANT RTV SILICONE 732 BLK	4455004	
56.14.2401	IGNITER PIEZO W/EARTH 50518	ES518	
56.32.0348	CAP GAS COCK BROMIC FOR RODEN	99 99 533	
56.48.9904	THERMOCOUPLE OVEN EUROLEC	CB2186	
62.01.8505	THERMOCOUPLE / OTC 2000WF 30MJ	611501	
62.35.6631	FAN PYROX 14" 400 500 600	CB-14S-201-01	







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Common Range of Gas & Electrical Parts

Part Number	Description	Alternate Part Number	Image
62.42.5911	FAN RINNAI 60DE,RC90,82&20SF"	CB-12S-473-01	
62.46.1105	CIRCUIT CARD P/N 5311225SP	5311225SP	
62.46.1108	CIRCUIT BOARD 5311230SP	5311230SP	
62.46.5500	CAPACITOR FAN 1.0UF	13125	
62.46.5590	MOUNT RUBBER VULCAN	RNT1	
62.46.5901	FAN REPLACEMENT KIT QUASAR		
62.46.6200	FAN&MOTOR KIT QUASAR W/F		





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Part Number	Description	Alternate Part Number	Image
62.46.6455	IGNITER SPARK ROUND FOR 22 SE	6058010	
62.46.6767	FAN & MOTOR ASSY QUASAR	PN 309182422	
62.46.7223	RADIANT VULCAN MK1 PK OF 6	H1001838	
62.46.7438	SPRING DOOR SHORT FOR VULCAN		
62.46.7517	SWITCH T/STAT BLUE DOT W/B	2265893SP	
62.48.1103	CIRCUITCARD BRVIS BC-G3 19310	B019310	
62.48.1352	CONTROL H/WELL BRAEMER TB90	VK4105R1003B	

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Part Number	Description	Alternate Part Number	Image
62.48.1386	CONTROL ELECTRONIC LO 14100	B014100	
62.48.4210	IGN. UNIT S8610U3009	S8610U3009	
62.48.5300	BELLOWS & CAPILLARY 0-35 DE	NSO.928.027	
62.48.5577	CONTROL H/WELL VR8301A	16058	
62.48.5578	CONTROL TEK 321 8125	B008125	
62.48.5904	FAN VULCAN BURWOOD	FD-126-013-02	
62.48.8017	BURNER PILOT NGP/NQ	Q314A9015B	

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Common Range of Gas & Electrical Parts

Part Number	Description	Alternate Part Number	Image
62.48.8171	SPRING DOOR LONG FOR BRAEMAR	2956	
62.48.8197	SWITCH O/H 90d C BRVIS	B009361	
62.48.8215	SWITCH FAN LIMIT 8 " AUTO RE	L4064B2236	
62.48.8255	CONTROL H/WELL VR8300A4805	VR8300A4805B	
62.48.8290	THERMOSTAT WALL T822D 24V 10-	T822K1026	
62.48.8506	T'COUPLE SCREW 24" Q309A1970	Q309A1970B	
62.48.8507	T/COUPLE CLIP IN 21"Q309A213	Q309A2135B	




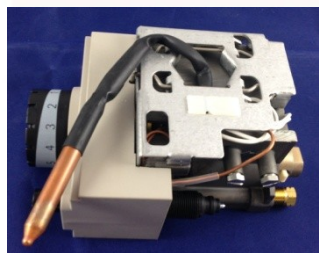



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Common Range of Gas & Electrical Parts

Part Number	Description	Alternate Part Number	Image
62.48.8630	THERMOSTAT WALL SIEMEN/BRAEMAR	79950	
66.35.7420	DIAPHRAGM JUNKERS W125T	M4717	
66.35.7421	DIAPHRAGM JUNKERS 8700503100	8700503100	
66.36.7024	ANODE M2 x 1153	ANR1210	
66.36.7508	ELEMENT 1.8KW P/N 050213	H02852	
66.36.7511	ELEMENT 3.6KW P/N 050210	RSH02857V	
66.36.7681	INJECTOR PILOT NG.11 RHEEM135L	RS76377	




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Common Range of Gas & Electrical Parts

Part Number	Description	Alternate Part Number	Image
66.36.7689	INJECTOR PILOT NO. 16 ORIFICE	RS76360	
66.36.7993	NUT PILOT TUBE 1/4 IN. UNITRO	RS1511738	
66.36.8599	T'STAT BOTTOM 70DEG	52012	
66.36.8601	THERMOSTAT SIT 0630151	LO.630.151	
66.48.0001	INJ PILOT NG 0-27 AQUAMAX	BSO.977.113	
66.48.0011	T/COUPLE AQUAMAX 025-5501	0.200.258	
66.48.0015	IGNITER PIEZO AQUAM # Y0892116	025-5501	

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Common Range of Gas & Electrical Parts

Part Number	Description	Alternate Part Number	Image
66.48.7760	IGNITER PIEZO FOR VULCAN FREE	PZ10015	
66.48.8619	T/COUPLE 11/32" 460mm	RST3318N	
66.48.8630	T/STAT NG U/TROL R220RT595A	RS220RTSP595	
68.48.2533	INJECTOR PILOT NG 0.46 MM	390686-4	
68.48.7561	T'COUPLE KIT UNIV. 600mm	CC40600	
68.48.7578	T'COUPLE UNI 900mm INAMET	INATC900	
68.48.7582	T'COUPLE UNI 600 MM INAMET	CC40600	

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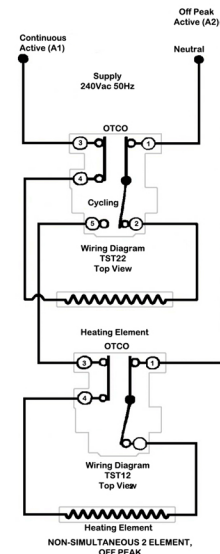
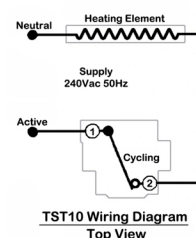
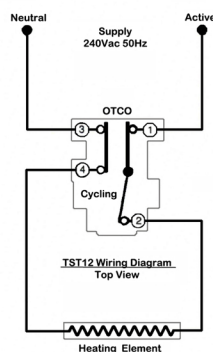
TST Series Hot Water Thermostats

This new design black body thermostat has been introduced to replace the discontinued range of grey bodied "EWT" thermostats. These TST type thermostats are more compact in size, responds quicker to temperature changes and still fits the existing mounting clamps.

**** Important Note **** When fitting the new TST thermostats as replacement for the discontinued EWT units, some wiring changes will be needed. The TST thermostats do NOT have the same wiring as the EWT series. Refer to the new wiring diagrams below, also new diagrams are provided in all thermostat packaging and can be provided on request.



PART No.	REPLACES	Temp Range
TST1201	ST1201113, W1M2/70 EWT1L2-5085, W1M2503 W1M25085, W1M25034	ADJ 50 - 70 C Diff 4 - 12
TST1205	EWT1L2-501, W1M2/80 ST1205113, W1M25018 W1M25069, W1M22513 W1M2501	ADJ 50 - 80 C Diff 4 - 12
TST2201	EWTL2-601, W2M2 WM2601, WM26010	ADJ 50 - 70 C Diff 4 - 12
TST1002	EWT1-701KS, W1 EWT1, EWT1701	ADJ 50 - 80 C Diff 4 - 12
TST1006	EWT1-703KS, W1/93 EWT1703, W1703A	ADJ 60 - 90 C Diff 4 - 12



Note TST22 to be connected in this configuration only and set temp must be lower than TST12

WARNING:

1. All wiring of the thermostat shall conform to AS3100 & is to be installed by a licenced electrician
2. Electronically isolate from mains supply before disconnecting. Failure to do so can result in an electric shock.

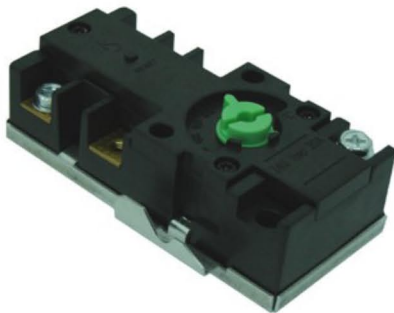
EWT SERIES HOT WATER THERMOSTATS

HOT WATER THERMOSTATS

Next Generation - Expanded and Improved Range

EWT1L2-70

SPST Thermostat Green Dial
Single / Bottom Thermostat
50 - 70°C Adjustable
with Over Temperature Reset



Replacement alternative for:
ST12-70, ST1201, W1M2.70, 20433-2-2

EWT1L2-80

SPST Thermostat Yellow Dial
Single / Bottom Thermostat
60 - 80°C Adjustable
with Over Temperature Reset



Replacement alternative for:
ST12-80, ST1205, W1M2.80, 20433-3-2

EWT2L2-80

SPDT Thermostat Beige Dial
Top Thermostat Dual Element
60 - 80°C Adjustable
with Over Temperature reset



Replacement alternative for:
ST22-80, ST2201, W2M2

EWT2L2-60

Solar Water Heaters SPDT Thermostat
Grey Dial
60°C Set Temperature
with Over Temperature reset



Replacement alternative for:
ST22-60

It is recommended that nickel plated lugs be used.
Ensure screws are securely tightened before reconnecting to mains supply.

Warning:- Water at 60°C can cause a deep scald to a child in One (1) second.
Please check with the Department of Health in your state with regard to their minimum and maximum temperature settings for storage water heaters. Set the temperature of the replacement thermostat to the same setting as the original being replaced. If in doubt do not set above 60°C.

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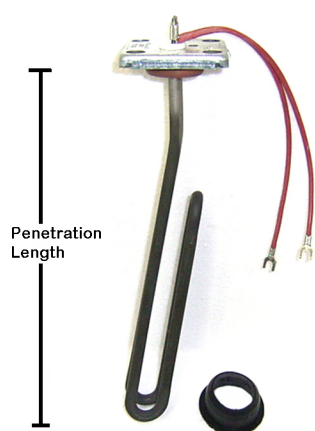
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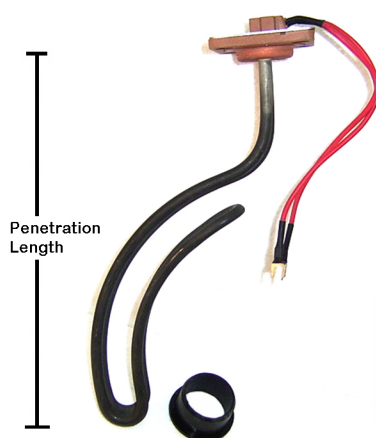
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Bolt - On Elements



DL Type



Sickle Type

Part No.	Type	Wattage	Penetration Length
TA1800B	DL	1800	190
TA2400B	DL	2400	240
TA3000B	DL	3000	260
TA3600B	DL	3600	340
TA4800B	DL	4800	425
TA2400	Sickle	2400	295
TA3000	Sickle	3000	260
TA3600	Sickle	3600	320
TA4800	Sickle	4800	325
LBY24	DL	2400	330
LBY30	DL	3000	400
LBY36	DL	3600	460
LBY48	DL	4800	610
LBY60	DL	6000	700

Bobbin Elements

2" BSP Bobbin Elements

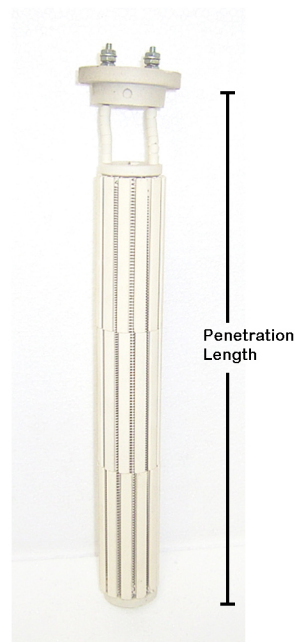
Part No.	Wattage	Penetration Length
B	4800	525
B1	3600	500
B2	3000	500
B3	2400	370
B4	2000	370
B5	1800	370
B6	1500	320
B7	1200	220
B8	1000	220
B9	750	220

1 5/8" Bobbin Elements

Part No.	Wattage	Penetration Length
B1A	3300	500
B2A	2750	350
B3A	2400	470
B4A	2750	500
B5A	1800	370
B6A	1500	320
B8A	1000	220
B9A	750	220

1 1/4" BSP Bobbin Element

B10	750	270
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Room Thermostats

Siemens Thermostats

Image	Part Number	Description
	RAA11	The RAA11 is a tamper-proof thermostat. The faceplate is blank, with the temperature dial not visible inside the thermostat
	RAA31	The RAA31 thermostat is a heating OR cooling manual adjusting room thermostat. 24.....250V, this non-programmable thermostat features a range from 8 to 30oC, and an on/off Switch
	REV13	The REV13 has 5 operating modes and a unique wheel button operation for menu/submenu selection. Suitable for 24/240VAC 6(2.5)Amp operation, and takes 2xAAA batteries .It can be used to control solenoid valves for instantaneous water heaters and atmospheric gas burners, forced draft gas or oil burners, circulating pumps in heating systems, zone valves, electric direct heating systems or fans of electric storage heaters and thermal actuators.
	REV17	The REV17 has 5 operating modes and a unique wheel button operation for menu/submenu selection. Mains-independent room temperature controller. Choice of operating modes: automatic with maximum 3 heating periods, continuously comfort mode, continuously economy mode, frost protection with one 24-hour operating mode and one heating period.
	RDD100.1	The RDD100.1 is a digital, non programmable room thermostat featuring an easy to use touchkey operation. 24.....230V 5(2)A, LCD display and runs off 2 x AAA batteries
	RDE100.1	The RDE100.1 Room thermostat is a 7 day programmable thermostat. Features include 5 operating modes with touchkey operation for menu/submenu selection, a built in sensor or optional external input. 24.....230V, 5(2)A, LCD display and runs off 2 x AAA batteries.

Robertshaw

	TPGW00172	The Robertshaw RS5110, 1 Heat/1 Cool, Digital, 5-2 Day Programmable, Heating and Cooling Thermostat features include, a horizontal design, Cool/Off/Heat switch, and a fan switch. Suitable for 24 Volt Systems
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Honeywell Digital Thermostats

Image	Part Number	Description
	DT90A1008	The DT90 room thermostat is a simple room thermostat with a large digital display. Simple Up, Down On/Off operation. 24–230V SPDT switching suits 2-wire installation. Temperature range of 5–35°C, in 0.5°C increments.
	TH5110D1022/U	The TH5110D Non-Programmable thermostat provides electronic control of 24Vac, single stage heating and cooling systems or 750mV heating systems.
	TH6110D1021/U	The TH6110D is a Programmable Thermostat and provides electronic control of 24Vac, single stage heating and cooling systems or 750mV heating systems.
	TH8110U1003/U	The TH8110 is an effortless, 7-Day programmable thermostat that provides universal system compatibility, precise comfort control, touchscreen, and is easy-to-program. These thermostats provide temperature control for gas, oil, electric and heat pumps for 1 heat, 1 cool systems.
	CMR707A1049	The CM707 is a slim, 7 day programmable thermostat, with 12/24hr time display, 4 independent time/temp changes per day, temporary temp override, holiday setting, EEPROM memory and more. 24/230V 5(2)A rated, 5–35°C temp range in 0.5°C increments and takes 2xAA Batteries (low battery warning indicator).
	CMT907A1041	The CM907 is a slim, 7-day programmable thermostat similar in appearance to the CM707, but has a lot more functionality. Comes with a backlit, large LCD display with dynamic text, 6 independent time/temp changes per day, Party/Day Off and Holiday features, EEPROM memory and more. 24/230V 5(2)A rated, 5–35°C temp range in 0.5°C increments and takes 2xAA Batteries (low battery warning indicator).



Honeywell Thermostat Guards

	TG510A1001	Small Key lock Thermostat Guard 149 x 149 x 64mm
	TG511A1000	Medium Key Lock Thermostat Guard 165 x 191 x 75mm
	TG512A1000	Large Key Lock Thermostat Guard 184 x 248 x 86mm

Honeywell Analogue Thermostats

Image	Part Number	Description
	T4360G1006	The T4360G thermostat with on/off switch provides control of 240Vac heat only systems with a maximum current of 16A
	T6360D1008	The T6360D Thermostat with On/Off switch provides control of 240Vac Cool only systems
	T6360B1002	The T6360B Thermostat is a Heating OR Cooling thermostat, 10A 230V
	T6360E1005	The T6360E Thermostat is a non-programmable, Heat-Off-Cool, 10(3)A, indicator light, suitable for heat pump systems.
	T6376B1004	The T6376 thermostats are designed to control the valves, the fan and the compressor in split units, heatpumps and small air conditioners. All from one thermostat.

Floor Heating








	SIE505005	The SIE505005 floor heating thermostat is a digital 5-2 stage programmable thermostat. Features include an LCD display, 16(6)A, 240V, operating temperature is 0-40oC. Manual or Programmable operation. Comes complete with a Floor Sensor
	SIE505006	The SIE505006 floor heating thermostat is a digital 5-2 stage programmable thermostat. Features include an LCD display, 16(6)A, 240V, operating temperature is 0-40oC. Manual or Programmable operation. Air Temperature sensing.

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White Rogers Thermostats

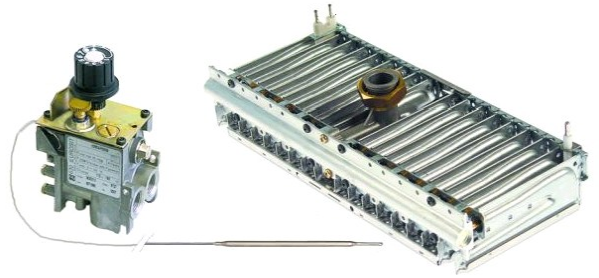
Image	Part Number	Description
	TPGW0005	The WR 1E78-140 is a Single stage, Digital, Non-Programmable, Heating Thermostat. Features include a vertical design, on/off switch, and a lighted display. Suitable for Millivolt systems.
	TPGW0006	The WR 1E78-144 is a Single Stage, Digital, Non-Programmable, Heating and Cooling Thermostat. Features include a vertical design, Cool/Off/Heat Switch, and a fan switch. Suitable for Millivolt systems.
	TPGW0001	The WR 1E78-151 is a Single Stage, Digital, 5/2 Day Programmable, Heating and Cooling Thermostat. Features include a vertical design, Cool/Off/Heat switch, and a fan switch. Suitable for millivolt systems.
	TPGW0004	The WR 1F78-144 is a Single Stage, Digital, Non-Programmable, Heating and Cooling Thermostat. Features include a horizontal design, Cool/Off/Heat switch, and a fan switch. Suitable for Millivolt systems.
	TPGW0009	The WR 1F78-151 is a Single Stage, Digital, 5/2 Day Programmable, Heating and Cooling Thermostat. Features include; a horizontal design, Cool/Off/Heat switch, and a fan switch. Suitable for millivolt systems.
	TPGW0019-0471	The WR 1F80-0471 is a Single Stage, Digital, 5/2 Day Programmable or Non Programmable, Heating and Cooling Thermostat. Features include, a horizontal design, 4 Square inch display, 3 wire zone valve, suitable for millivolt systems
	TPGW00172BLUR	The WR 1F97-1277 is a 1 Heat/1 Cool, Digital, 7 day programmable, Heating and Cooling Thermostat. Features include a 12" LCD touchscreen display, Auto Changeover, programmable fan, indoor and outdoor remote sensor. Suitable for millivolt systems and 3 wire zone systems.

Imit Thermostat

	TA3	The TA3 is a room thermostat equipped with gas filled bellows. It features a modern design with an ergonomically designed easily removed knob.
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Commercial Catering Spare Parts

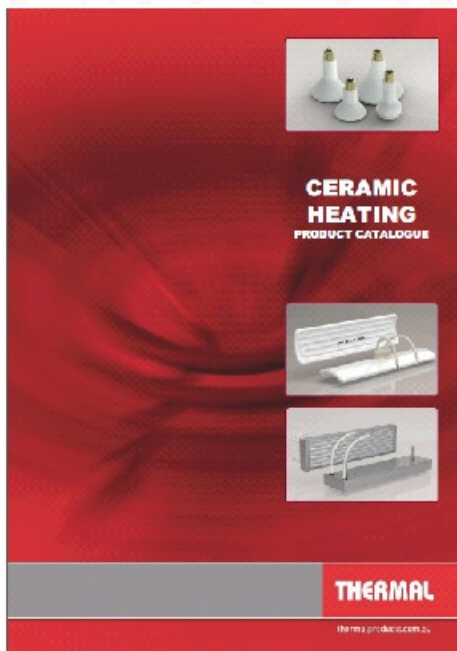
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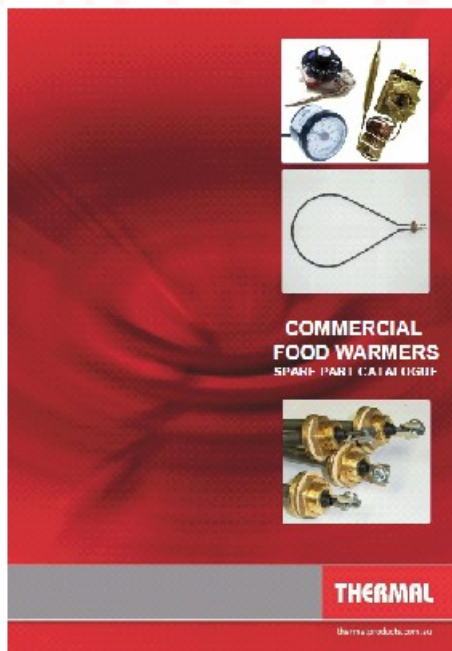
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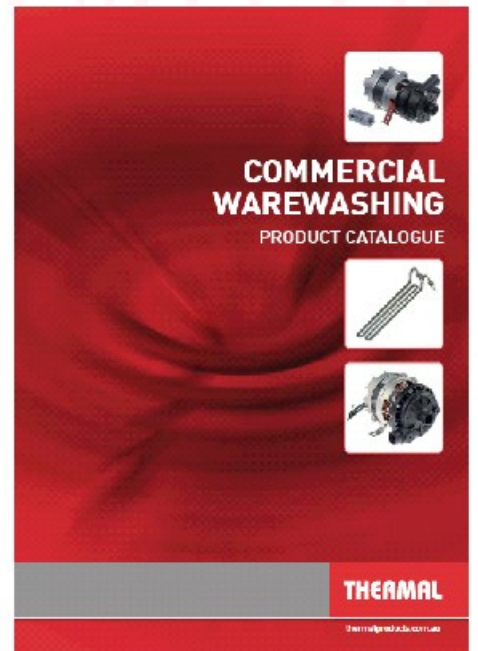
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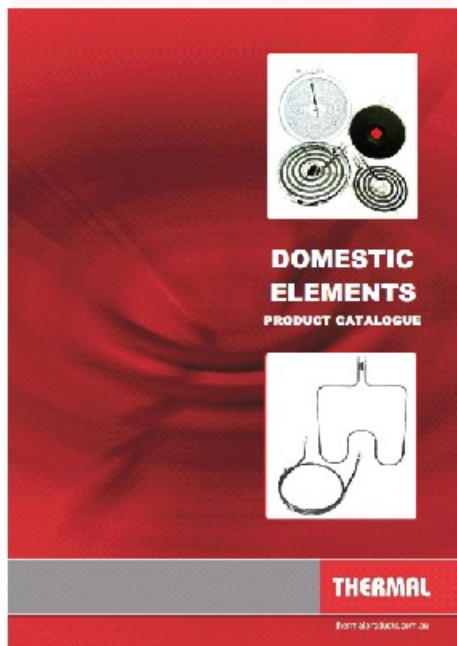
Ceramic Heating Product Catalogue



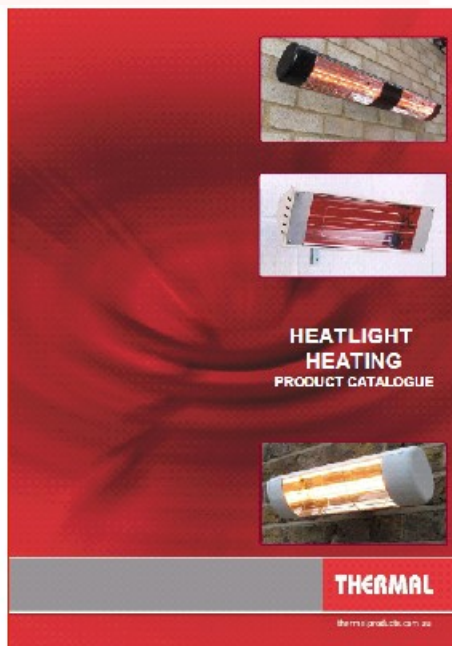
Commercial Food Warmer Spare Parts Catalogue



Commercial Warewashing Product Catalogue



Domestic Elements Product Catalogue



Heatlight Heating Product Catalogue



Starkeys Insect Control Product Catalogue

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