

HOT WATER SYSTEMS

THERMANN™

HOT WATER YOU CAN DEPEND ON

Precision engineered for efficiency and long life. Thermann is setting new standards for hot water systems in New Zealand. Packed with innovative features and proven technology, Thermann delivers the ultimate hot water experience everyday. What's more, Thermann is committed to total customer care, so you'll enjoy market-leading warranties and full after sales support for many years to come.

CONTENTS

<u>ELECTRIC SMALL</u>	<u>3</u>
<u>ELECTRIC LARGE</u>	<u>4-5</u>
<u>CONTINUOUS FLOW R-SERIES</u>	<u>6-7</u>
<u>CONTINUOUS FLOW 6 STAR</u>	<u>8</u>
<u>CONTINUOUS FLOW CONTROLLERS</u>	<u>9</u>
<u>CONTINUOUS FLOW ACCESSORIES</u>	<u>10</u>

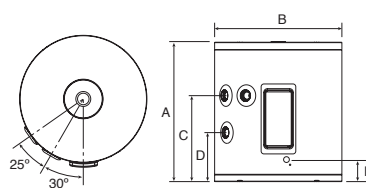
ELECTRIC SMALL HOT WATER SYSTEM



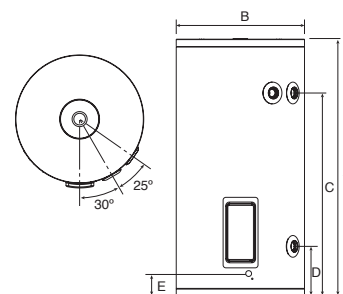
Thermann small Electric Storage hot water units allow you to install hot water where space and access is restrictive.

Designed with compact dimensions, it easily fits under benches and inside cupboards without compromising hot water delivery. Also available in appliance white for a more aesthetically pleasing finish, with a plug in option for flexibility.

25L
SPECIFICATIONS



50L
SPECIFICATIONS



SPECIFICATIONS

Electric Tank

Measurements	25L	50L
Total Height (A)	455	675
Total Width (B)	405	405
Outlet Height (C)	275	490
Inlet Height (D)	145	155
Electrical Entry (E)	70	75
Storage Capacity (litres)	30.5	48
Hot Water Delivery (litres)	25	50
Net Weight Empty (kg)	17	23
Element Size (kW)	2.4, 3.6	2.4, 3.6
Relief Valve		
Pressure (kPa)	1000	1000
Temperature (°C)	99	99
Power Rate (kW)	10	10

2.4kW models come with a plug and lead only.

Selecting the right unit for you

	25L	50L
Inlet/Outlet	Single Handed (LHS connections)	Single Handed (RHS connections)
No. People (continuous)	1	1-2

Reece Model	Description
9508147	Thermann Small Electric HWU Plug SE 25L 2.4k
9508146	Thermann Small Electric HWU SE 25L 3.6kw
1360892	Thermann Small Electric HWU Plug SE 50L 2.4k
1360893	Thermann Small Electric HWU SE 50L 3.6kw



Cylinder



Parts and labour

ELECTRIC LARGE HOT WATER CYLINDERS

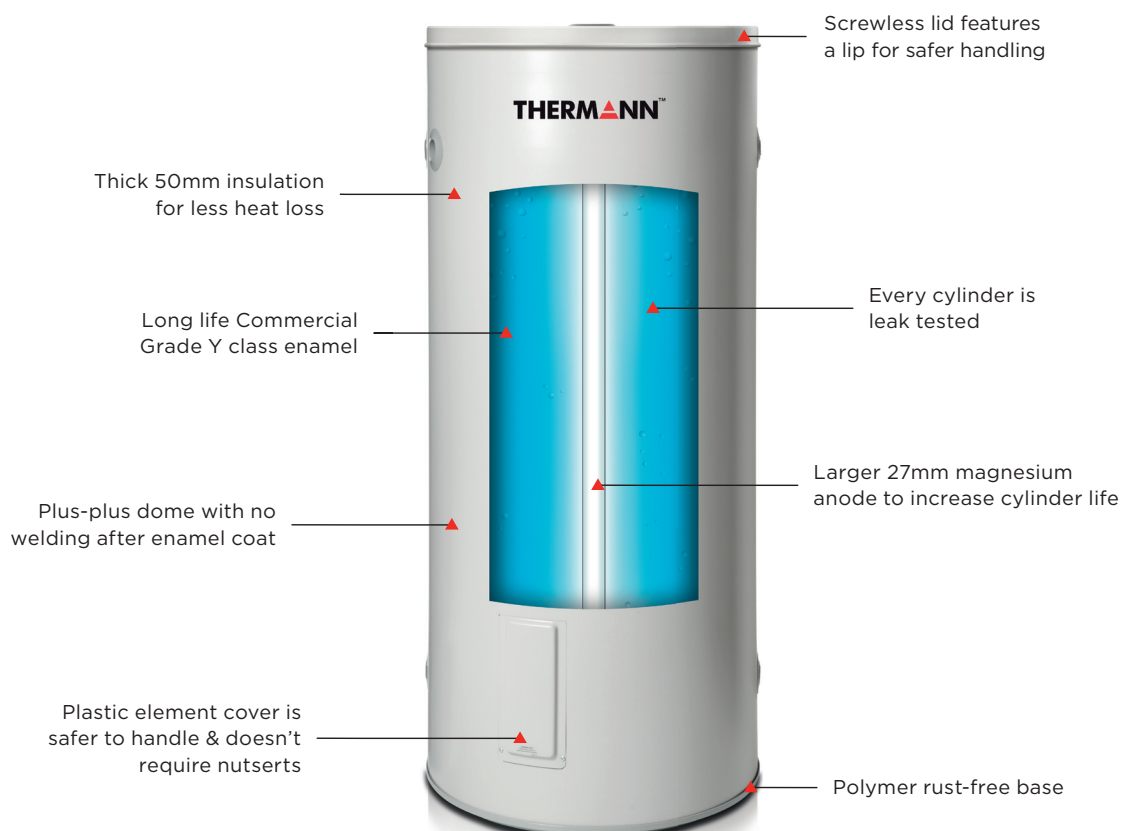


Thermann electric hot water cylinders are an insulated storage vessel efficiently storing hot water, ready for use, when you need it. The Thermann range of electric cylinders offer solutions in a variety of different sizes to suit your needs.

FEATURES

- Commercial grade enamel and a thicker anode
- Suitable for both low and mains pressure applications
- Coated steel finish
- Internal heat trap
- Side plumbing connections
- Low maintenance and long service life
- Can be installed indoors or out
- 10-year tank warranty, including 1-year full parts and labour*

RANGE FEATURES



SPECIFICATIONS

Electric Cylinder

Specifications	80L	135	160L	180L	180L S	250L	300L
Total Height (A) (mm)	925	1298	1315	1775	1190	1566	1804
Diameter (B) (mm)	490	490	530	490	580	580	580
Outlet Height (C) (mm)	735	1106	1095	1574	964	1342	1580
Inlet Height (D) (mm)	160	145	190	155	196	196	196
Electrical Entry (E)	85	125	125	75	105	105	120
Storage Capacity (L)	88	132	163	183.5	183.5	250	291
Net Weight Empty (kg)	41	50	59	65	60	77	94
Element Sizes (kW)	3.6	1.8, 3.0	3.6	2.4, 3.0	3.0	3.0	3.0
Relief Valve							
Pressure (kPa)	1000	1000	1000	1000	1000	1000	1000
Power Rating (kW)	10	10	10	10	10	10	10
Temperature (°)	99	99	99	99	99	99	99
Max Inlet Pressure							
Without an ECV (kPa)	800	800	800	800	800	800	800
With an ECV (kPa)	650	650	650	650	650	650	650

Selecting the right unit for you

Model	80L	135	160L	180L	250L	300L
No. People	1-2	2-3	2-4	2-4	3-5	3-6

Person can represent dishwasher or washing machine.

Reece Model	Description
9507804	Thermann Electric HWU SE 80L 3.6kW
9507963	Thermann Electric HWU SE 135L 1.8kW
9507964	Thermann Electric HWU SE 135L 3.0kW
9507808	Thermann Electric HWU SE 160L 3.6kW
1360885	Thermann Electric HWU SE 180L 2.4kW
1360884	Thermann Electric HWU SE 180L 3.0kW
1360875	Thermann Electric HWU SE 180L Squat 3.0kW
1360876	Thermann Electric HWU SE 250L 3.0kW
1360877	Thermann Electric HWU SE 300L 3.0kW

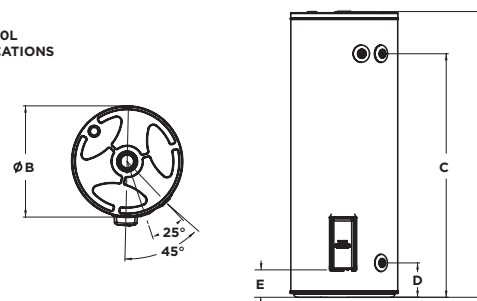


Cylinder

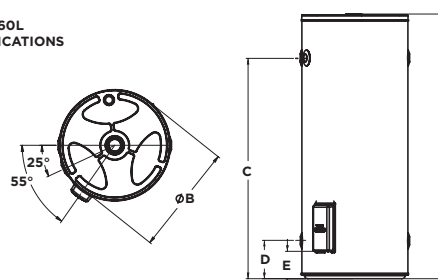


Parts and Labour

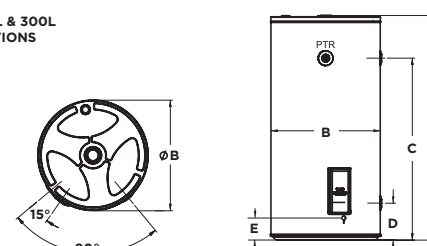
135L & 180L SPECIFICATIONS



80L & 160L SPECIFICATIONS

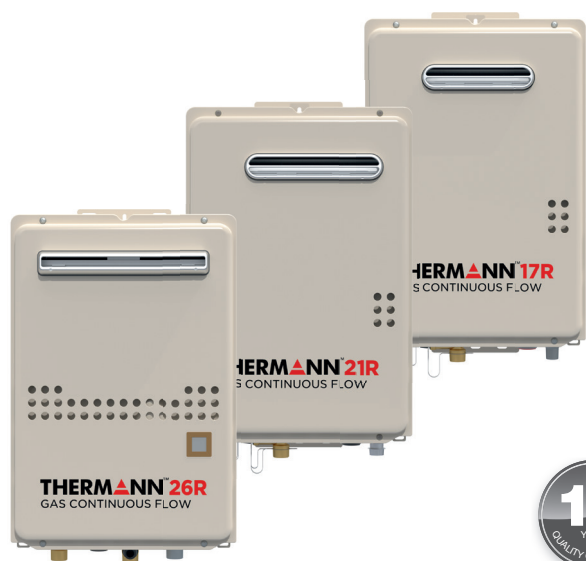


180LS, 250L & 300L SPECIFICATIONS



CONTINUOUS FLOW R-SERIES

HOT WATER SYSTEMS



The R-Series range now includes the 17R, 21R and 26R 55°C models. The range provides sizing options for applications big, small, and everything in between.

The 26R model is one of the most efficient in its class*. It not only features an equivalent energy efficiency rating of 6.4 stars, but its low minimum flow rate makes it the perfect choice to combine with water efficient 6-star tapware.



Heat Exchanger

Parts and labour

Selecting the right unit for you

	17L	21L	26L
No. Outlets	2	2-3	3
Energy Rating (Stars)	6.0	6.1	6.4
Capacity @ 25° rise (L/min)	17	21	26
Capacity @ 40° rise (L/min)	11	13	16
Gas Type Available	NG, ULPG	NG, ULPG	NG, ULPG

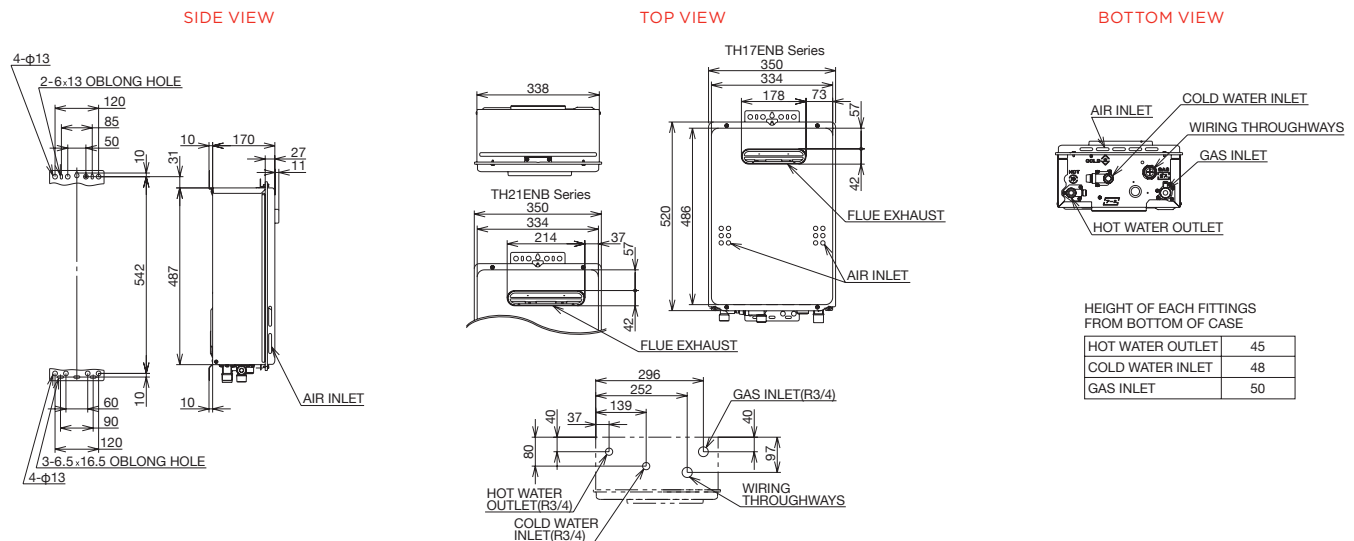
SPECIFICATIONS

Continuous Flow 17R, 21R, 26R

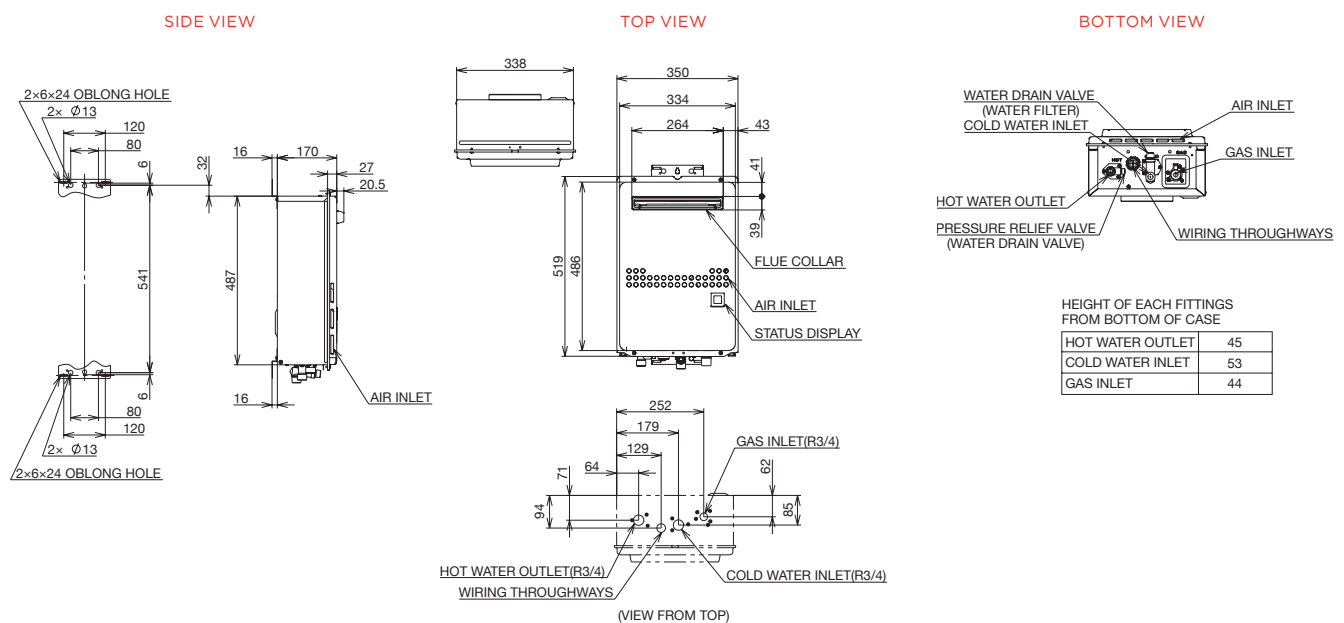
Specifications	17L	21L	26L
Nominal hourly gas consumption (MJ/h)	126 (NG) 127 (ULPG)	159	195
Test point pressure NG (kPa)	0.61	0.62	0.69
Test point pressure ULPG (kPa)	0.71	0.77	0.87
Minimum water pressure (kPa)	200	200	200
Maximum water pressure (kPa)	1000	1000	1000
Minimum gas inlet pressure NG (kPa)	1.13	1.13	1.13
Minimum gas inlet pressure ULPG (kPa)	2.75	2.75	2.75
Maximum gas inlet pressure NG (kPa)	3.0	3.0	3.0
Maximum gas inlet pressure ULPG (kPa)	3.5	3.5	3.5
Minimum flow rate ignition (L/min)	2.5	2.5	1.5
Input voltage single phase 50HZ (v)	230 - 240	230 - 240	230 - 240
Maximum output current (A)	0.44	0.44	0.54
Inlet gas connection male thread	R3/4" (20mm)	R3/4" (20mm)	R3/4" (20mm)
Cold and hot water connections male thread	R3/4" (20mm)	R3/4" (20mm)	R3/4" (20mm)
Relief valve pressure setting (kPa)	1620	1620	1620
Weight dry (kg)	14	15	16
Dimensions (HxWxD mm)	520x350x170	520x350x170	520x350x170

*The Thermann 26R has one of the lowest annual energy consumption of any non-condensing 26L/min continuous flow model in the New Zealand market IAPMO Approval certificate no. GMK-10614. Watermark Certificate of compliance WMKA20083

17R, 21R

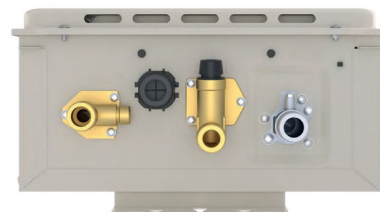


26R



Easy Changeover

The 26R model has been specifically designed with fittings that align with current major competitor 26L models.



CONTINUOUS FLOW 6 STAR

HOT WATER SYSTEMS



Thermann's range of Continuous Flow units are an excellent option for New Zealand homes. Thermann gas continuous flow water heaters heat the water only as needed, not wasting energy by keeping water in a tank hot, earning it a 6 star energy rating.

FEATURES

- 6 star energy rating
- Providing New Zealand homes with superior technology straight from Noritz, a leading Japanese manufacturer of household water heaters
- Never runs out of hot water
- Made in Japan
- Electronic ignition means no standby pilot light
- 12-year warranty on heat exchanger, including 3-year full parts and labour*

SPECIFICATIONS

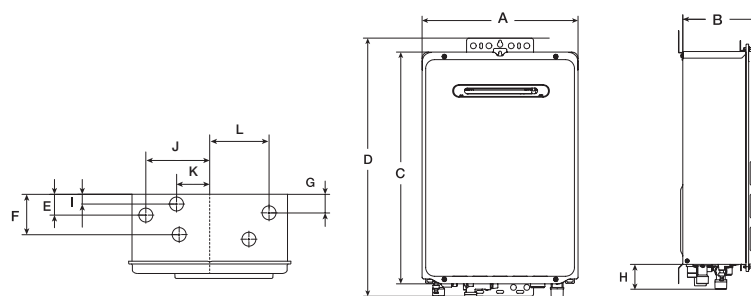
Model - preset 55°C	26L NG
Flow Rate (l/min @ 25° rise)	26
Max Set Temperature °C	75
Min Operating Flow Rate (l/min)	2.4
Gas Consumption MJ/h - NG	200
Star Rating	6.0
Gas Type	NG
Weight (kg)	22
Max water supply pressure (kPa)	1000
Min water supply pressure (kPa)	200
Cold Water Connection	20mm ¾"
Hot Water Connection (mm)	20mm ¾"
Gas Connection (mm)	20mm ¾"

Reece Model	Description
9507956	Thermann 26L C/Flow N/G

Dimensions (mm)	26L NG
Width (A)	350
Depth (B)	170
Height - Unit (C)	600
Height - Including Brackets (D)	655
Hot Water Outlet (From Back) (E)	40
Cold Water Inlet (From Back) (F)	97
Gas Connection (From Back) (G)	40
Gas Connection Length (From Base)	49
Cold Connection Length (From Base) (H)	48
Hot Connection Length (From Base)	44
Hot Water Outlet (From Centre) (J)	131
Drain & Cold Water Outlet (From Centre) (K)	54
Gas Connection (From Centre) (L)	100



Heat Exchanger Parts and labour



CONTINUOUS FLOW CONTROLLERS

HOT WATER SYSTEMS

The R-Series has a 6 star range of optional remote temperature controllers for precise temperature control.

Main Controller



Bathroom Controller 1



Bathroom Controller 2



Optional Accessories	Code
Controllers	
Thermann C/Flow Main Controller	9507958
Thermann C/Flow Bathroom 1 Controller	9507959
Thermann C/Flow Bathroom 2 Controller	9507960

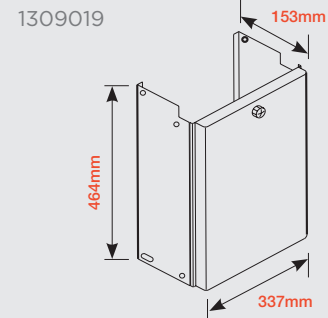
CONTINUOUS FLOW ACCESSORIES

PIPE COVER



- Pipe covers conceal pipes and valves for a nice, tidy finish to the installation.
- Pipe covers are supplied in the same colour as the continuous flow water heater.

Suitable for both 6 Star and R Series.



RECESS BOX

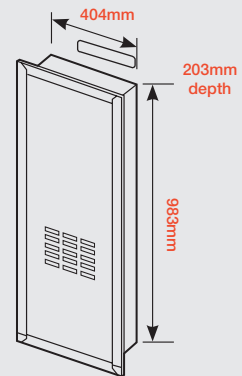


- Allows water heater to be installed recessed into the wall, providing a flush finish when installed.

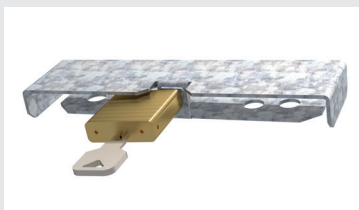
Recess Box
1309020 suits
Thermann 6 Star
26L NG & 26L ULPG

DUXRBOX26G
Suits R Series

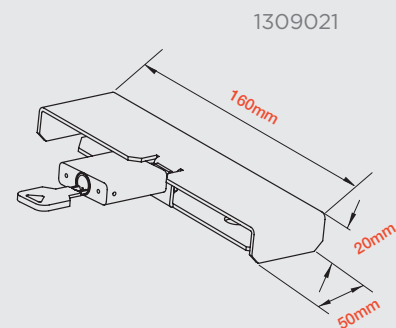
Note:
Dimensions above
show the cut-out
dimensions only.



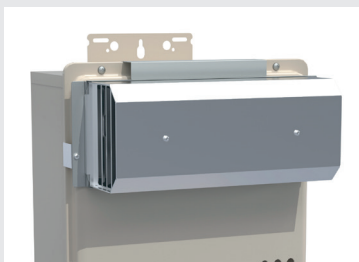
ANTI THEFT BRACKET



- Secures your continuous flow water heater from theft.
- A bracket fits over the water heaters pipes, preventing the unit from being removed from the wall without irreparable damage. Requires a Padlock (included).

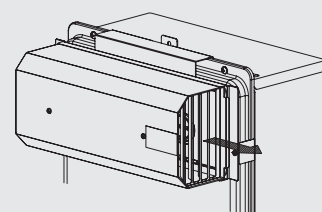


FLUE DIVERTER



- Manufactured from durable stainless steel
- Designed to divert exhaust in a sideways direction away from windows, doors, fences, trees or other structures.
- Allows the water heater to operate efficiently ensuring the exhaust is not being obstructed.

CFFD26S



NOTES



www.reece.co.nz/plumbing/brands/thermann

Reece. Works for you.™

Visit www.reece.co.nz for your nearest Reece store.

Due to limitations in the printing process the colours in this brochure are a guide only.

The manufacturer/distributor reserves the right to vary specifications or delete models from their range without prior notification. The manufacturer/distributor takes no responsibility for printing errors.

All products enjoy a product replacement warranty. *For full warranty details visit www.reece.co.nz/warranties

V5 [BROCHURE CODE 2101489]

THERMANN™

reece™