



HOTRUN-ELECTRIC CONTINUOUS FLOW WATER HEATERS

Over 25 years'
experience
manufacturing
quality electric
water heaters

The most efficient way
to heat water



ELWA offers a range of electric continuous flow water heaters that will help to improve your water and energy efficiency.

ELWA HOTRUN CONTINUOUS FLOW WATER HEATERS

With the HOTRUN, ELWA has an ideal solution to deliver warm or hot water. The HOTRUN is an energy efficient electric instantaneous water heater. With its genius and small design an ELWA HOTRUN can be fitted almost anywhere.

HOW DOES THE HOTRUN WORK?

Upon demand the incoming cold water is immediately heated in the heat exchanger. Power to the element(s) is provided as soon as water flows through the HOTRUN and heating stops as soon as the water flow ends.

Therefore energy is only consumed when water is flowing through the HOTRUN, providing unlimited amounts of warm water.

HOTRUN water heaters can be fitted above or under the sink, providing complete flexibility of installation.

The HOTRUN can be connected to more than one outlet. The closer to the point(s) of use, the less energy gets wasted by heater water remaining in long pipe runs after closing the tap.

ELWA HOTRUN-T RANGE, TEMPERATURE LIMITED 1 & 2-PHASE MODELS

The HOTRUN-T range is specifically designed for personal hygiene applications which require a set temperature, for example hand wash basins in hospitals, schools, nursing homes, food preparation areas, shop fit-outs, public toilets etc. The pre-set temperature is tamperproof fixed in the factory and cannot be changed.

HOTRUN T models are available in set temperatures limited to 38°C, 43°C, 45°C and 50°C. For ease of installation all 1- and 2-phase HOTRUNs are supplied with a cord for hard-wired connection and two approved flexible hoses for the hot and cold water connections.

ELWA HOTRUN-VE RANGE, VARIABLE ELECTRONIC TEMPERATURE CONTROLLED 3-PHASE MODELS

The ELWA HOTRUN-VE range is specifically designed for higher demand applications with an option to set the temperature limiter, for example bathrooms in residential, educational, medical and aged care applications. This range has a patented programmable temperature limiter that can be pre-set to any limit required. The end user can vary the temperature below the programmed limit with the digital controller on the HOTRUN VE water heater. The controller shows the delivery temperature of the water during normal use, and the set-temperature during programming. The HOTRUN-VE models can be connected to power and water from the back (hidden) or to exposed pipe-work from the base of the water heater. The VE Range will be available with a patented legionella cleaning cycle to reduce maintenance costs.



Hotrun 120VE



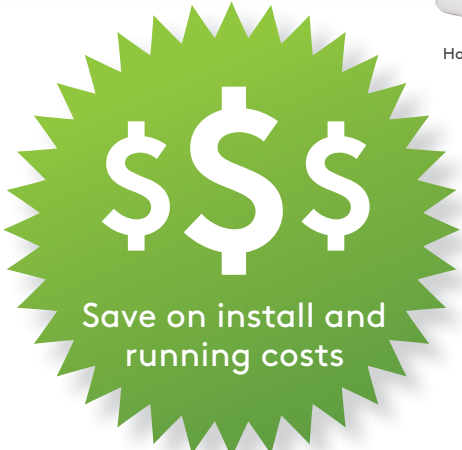
Hotrun T

BENEFITS OF THE HOTRUN

- Most energy efficient way to provide unlimited amounts of hot or warm water instantly
- Easy replacement for old storage water heaters, reducing energy consumption at least by half
- Mount at point of use: no water or heat loss caused by long pipe runs.
- No pilot flames, no flue needed so can be fitted anywhere inside buildings
- Can be fitted almost anywhere due to compact size.
- Maintenance free

The range in this brochure has been designed to meet all the specific plumbing requirements in Australia and New Zealand

ELWA PATENT No.2013904932





ELWA HOTRUN WATER HEATERS-MODEL SELECTION CHART

Model	35	46	60	72	90	120	150	180	210	240
Rating (kWatt)	3.5	4.6	6	7.2	9	12	14.5	18	21	24
Current (Amp)	16 240 volt	20 240 volt	25 240 volt	32 or 2x16 2x240 volt	40 or 2x20 2x240 volt	3 x 16 415 volt	3 x 20 415 volt	3 x 25 415 volt	3 x 30 415 volt	3 x 35 415 volt
Operating pressure	min 100 kPa, max 1000 kPa					min 60 kPa, max 600 kPa (or use a pressure limiter)				
Dimensions (mm)	255 x 190 x 95					459 x 260 x 128mm				
Performance (flow rates) at 25°C rise on incoming water temperature $\Delta T=25^{\circ}\text{C}$. The temperature can rise further when flow rate is reduced (up to pre-programmed temperature limit)										
Flow rate	fixed at 2ltr/min	fixed at 2.5ltr/min	fixed at 3ltr/min	fixed at 4ltr/min	fixed at 5ltr/min	variable 8ltr/min	variable 9ltr/min	variable 10ltr/min	variable 11ltr/min	variable 14ltr/min
Temperature limiter options	unlimited or with a built-in fixed temperature limiter set at 38, 43, 45 or 50°C for HOTRUN-T models					Variable programmable temperature limiter to any required temperature				
Chart to select the right Elwa-Hotrun for the right applications (varies due to difference in cold water inlet temperatures)										
# of Hand wash basins or # of Showers (WELS-rated) or # of Hairdressers basins or # of Kitchen sinks	1	1	2	2	3	3	4	5	5	6
	-	-	-	only in NT Nth QLD & WA	1	1	2 only in NT Nth QLD & WA	2	2	2
	-	-	-	1	1	1	2	2	2	3
	-	-	-	only in NT Nth QLD & WA	1	1	2 only in NT Nth QLD & WA	2	2	2

GENERAL TECHNICAL SPECIFICATIONS

IP25, water connections 1/2" inch BSP (flat sealing), all hard wired to connect.

All models 35 to 90 are also available with fixed tamperproof temperature limiter built-in set at 38°C, 43°C, 45°C or 50°C

Product code example: Hotrun 46-T50 is a 46 series unit set to 50°C.

All HOTRUN products and temperature limiters are WaterMark approved

HOTRUN-T range Electrical certificate of suitability C1301

HOTRUN-VE range Electrical certificate of approval 11422

Approvals to Australian/New Zealand standards:

AS/NZS 3498, certificate nr. 40034

AS/NZS 60335.2.35:2004



HAND WASH SOLUTIONS



To complete the range ELWA has All-in-One solutions for hand washing that comprises a quality Swedish made stainless steel basin, with sensor tap and a HOTRUN-T built in.

Hand Wash Solutions	Product #
Stainless Steel Hand Basin (with trap)	260304
All-in-One hand wash basin with IRT-01 Sensor Tap, HOTRUN 35T38 fully assembled	269304
Splashback 400 x 1380mm	261000
IRT-01 Sensor Tap with battery-pack	300200
ELWA HOTRUN 35T38 with IRT-01 Sensor Tap	113599
240V Power Supply for IRT-01 Sensor Tap	300210

HOTRUNS for handwashing	kWatts	Amps	Max °C.	Product #
HOTRUN 35	3.5	16	unlimited	113500
HOTRUN 35-T38	3.5	16	38°C *	113538
HOTRUN 35-T43	3.5	16	43°C *	113543
HOTRUN 35-T45	3.5	16	45°C *	113545
HOTRUN 35-T50	3.5	16	50°C *	113550
HOTRUN 46	4.6	20	unlimited	114600
HOTRUN 46-T38	4.6	20	38°C *	114638
HOTRUN 46-T43	4.6	20	43°C *	114643
HOTRUN 46-T45	4.6	20	45°C *	114645
HOTRUN 46-T50	4.6	20	50°C *	114650

* The delivery temperature and flow depend on the cold water inlet temperature and flow-rate

6 STAR RATED



All components available separately Splashback can be manufactured to specifications in all sizes

All models made on order

*ELWA Sensor tap no risk of failure – only serviceable part is the external solenoid

Included with each Hotrun-T. Approved 2 x 1/2" inch flexible hoses. Flexible cord (to be hard wired) fitted to all models



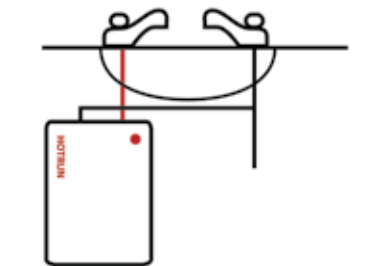
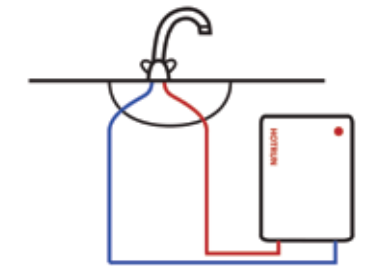
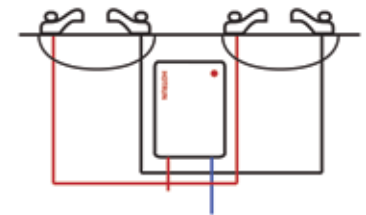
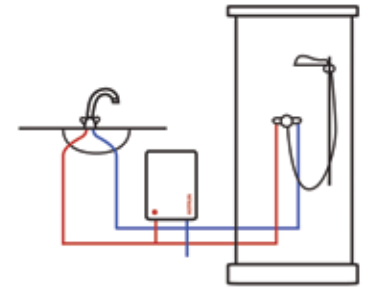
All-in-One hand wash basin:
The most energy and water efficient solution and so easy to install



For projects all stainless steel accessories available

HOTRUN ELECTRIC CONTINUOUS FLOW WATER HEATERS

Water Heaters	Product #	kWatts	Amps	Max °C.
HOTRUN 60	116000	6	25	unlimited
HOTRUN 60-T43	116043	6	25	43°C *
HOTRUN 60-T45	116045	6	25	45°C *
HOTRUN 60-T50	116050	6	25	50°C *
HOTRUN 72	127200	7.2	2 x 16/32	unlimited
HOTRUN 72-T43	127243	7.2	2 x 16/32	43°C *
HOTRUN 72-T45	127245	7.2	2 x 16/32	45°C *
HOTRUN 72-T50	127250	7.2	2 x 16/32	50°C *
HOTRUN 90	129000	9	2 x 20/40	unlimited
HOTRUN 90-T43	129043	9	2 x 20/40	43°C *
HOTRUN 90-T45	129045	9	2 x 20/40	45°C *
HOTRUN 90-T50	129050	9	2 x 20/40	50°C *
HOTRUN 120VE	131200	12	3 x16	unlimited
HOTRUN 120VE-T50	131250	12	3 x16	variable up to 50°C *
HOTRUN 150VE	131500	15	3 x20	unlimited
HOTRUN 150VE-T50	132150	15	3 x20	variable up to 50°C *
HOTRUN 180VE	131800	18	3 x25	unlimited
HOTRUN 180VE-T50	131850	18	3 x25	variable up to 50°C *
HOTRUN 210VE	132100	21	3 x30	unlimited
HOTRUN 210VE-T50	132150	21	3 x30	variable up to 50°C *
HOTRUN 240VE	132400	24	3 x35	unlimited
HOTRUN 240VE-T50	132450	24	3 x35	variable up to 50°C *



Hotrun-VE Range models can be ordered with a pre-set temperature limiter to any temperature required, by changing the last 2 digits in the product code, for example 131245=Hotrun120VE limited to 45°C.

Flexible cord (to be hard wired) fitted to all models, all models are supplied with 2 approved flexible hoses.

* The delivery temperature and flow depend on the cold water inlet temperature and flow-rate

ELWA PTY LTD
Adelaide SA
Australia
Phone +61 (0)8 8353 4040
Fax +61 (0)8 8353 4042
www.elwa.com.au

ELWA BV
Amsterdam
The Netherlands
Phone +31 (0)20 436 1224
Fax +31 (0)20 436 1480
www.elwa.nl

ELWA NZ LTD
Auckland
New Zealand
Phone +64 (0)21 280 1373
Fax +64 (0)9 4211 057
www.elwa.co.nz