










Below table helps you to identify the right STIEBEL unit depending on the number of fixture outlets that you wish to serve. Be aware that the table serves as general guidance only. If you require further assistance, please free call our national service centre on 1800 153 351.




Product Selection Guide for STIEBEL's Water Heaters

Please select 1 column!


Water Heater	Model	Ideal Installation	Electrical Loading	Flow Rate & Temperature Rise	H x W x D in mm			
3-PHASE ELECTRIC INSTANTANEOUS	 DHE 27 AU	<ul style="list-style-type: none"> Kitchen sink (60°C) Bathroom (suitable for use with a TMV) Solar boosting Commercial glass or dish washing 	28.0 kW 40 Amps per Phase 3 Phase 415 V	Internally electronically controlled. Automatically adjusts flow to deliver right temperature.	466 x 225 x 116	2	2	4
	DHE 18 AU		19.4 kW 27 Amps per Phase 3 Phase 415 V			1	2	3
	 DEL 27 PLUS	<ul style="list-style-type: none"> Delivers a maximum water temperature of 50°C (AS3498) Kitchen sink (50°C) Bathroom 	28 kW 39 Amps per Phase 3 Phase 415 V	18 L/min = 22°C rise (= 2 showers mixed)	466 x 225 x 116	2	2	4
	DEL 18 PLUS		19.4 kW 27 Amps per Phase 3 Phase 415 V	15 L/min = 19°C rise (= 1 shower, 1 basin, mixed)		1	2	3
	DEL 13 PLUS		14.5 kW 20 Amps per Phase 3 Phase 415 V	12 L/min = 17°C rise (= 1 shower, 1 basin, mixed)		1	1	2
	 DHB-E 27 LCD	DHB-E 27 LCD	<ul style="list-style-type: none"> Kitchen sink (60°C) Bathroom (suitable for use with a TMV) Commercial glass or dish washing 	28 kW 39 Amps per Phase 3 Phase 415 V	18 L/min = 22°C rise (= 2 showers mixed)	466 x 225 x 116	2	2
DHB-E 18 LCD			19.4 kW 27 Amps per Phase 3 Phase 415 V	15 L/min = 19°C rise (= 1 shower, 1 basin, mixed)	1		2	3
DHB-E 13 LCD			14.5 kW 20 Amps per Phase 3 Phase 415 V	12 L/min = 17°C rise (= 1 shower, 1 basin, mixed)	1		1	2
SINGLE PHASE	 DHCE 8/60	<ul style="list-style-type: none"> 2 Basins 1 Sink 	9.5 kW 40 Amps Single phase 240 V (hard wired)	6 L/min = 23°C rise	360 x 200 x 110	0	1	2
	DHCE 8/50	<ul style="list-style-type: none"> Delivers a maximum water temperature of 50°C (AS3498) 2 Basins 1 Sink 	9.5 kW 40 Amps Single phase 240 V (hard wired)	6 L/min = 23°C rise		0	1	2
	DHCE 6/50		7.1 kW 30 Amps Single phase 240 V (hard wired)	6 L/min = 17°C rise		0	0	2
	DEM 6	<ul style="list-style-type: none"> 1 Basin 	6.2 kW 25 Amps Single phase 240 V (hard wired)	4 L/min = 22°C rise		143 x 190 x 82	0	0

Water Heater	Model	Ideal Installation	Electrical Loading	Storage Capacity	H x W x D in mm
COMPACT STORAGE	 SNU 10 Plus	<ul style="list-style-type: none"> 1 kitchen sink Stores water up to 85°C Must be fitted with STIEBEL's open vented tapware 	2 kW 8.3 Amps Single phase 240 V (plug in)	10 litres	503 x 290 x 282
	SNU 5 Plus			5 litres	423 x 240 x 212
	SNE 5			5 litres	421 x 263 x 230
 SHC 15 AU	SHC 15 AU	<ul style="list-style-type: none"> Kitchen sink (60°C) Can be used with any tapware Suitable for more than 1 fixture outlet 	1.6 kW 10 Amps Single phase 240 V (plug in)	15 litres	523 x 320 x 318
	SHC 10 AU			10 litres	498 x 280 x 270

Legend & Assumptions

-  shower(s)
-  sink(s)
-  basin(s)

Cold Water Temperature = 15°C
Mixed Water Temperature, delivered at outlet = 40°C
Shower Rise Flowrate 9 L/min
Sink Flowrate 7.5 L/min
Basin Flowrate 6 L/min

Water Heater	Model	Ideal Installation	Electrical Loading	Storage Capacity	H x W x D in mm
HEAT PUMP	 WWK 222/222H	<ul style="list-style-type: none"> House Suitable for 2-4 people household 	0.55 kW 10 Amps Single phase 240 V	220 litres	ø 690 1553-1569 (adjustable feet)
	WWK 302/302H	<ul style="list-style-type: none"> House Suitable for 4-6 people household 	0.55 kW 10 Amps Single phase 240 V	302 litres	ø 690 1921-1937 (adjustable feet)

ELECTRIC INSTANTANEOUS HOT WATER - A MATTER OF PHYSICS

Instantaneous water heaters by STIEBEL ELTRON use electricity to produce hot water. The power needed depends on the cold water inlet temperature as well as the desired water flow rate: a low cold water temperature combined with high flow rates require a more powerful appliance to heat water.

COLD WATER INLET TEMPERATURE in the ACT: approx. average of 14°C

$$\text{TEMPERATURE RISE (°C)} = \frac{\text{kW rating} \times 14.3}{\text{flow rate (L/min)}}$$

The below chart shows the temperature rises that can be achieved by an electric instantaneous water heater based on its kW rating. To determine an approximate outlet temperature, add the below figure to the cold water temperature of your area.

EXAMPLE: A DHE 18 AU with a rated output of 19.4 kW comes with a temperature rise of approximately 31°C at a flow rate of 9 L/min. Add 31°C to a cold water temperature of 14°C in Canberra, and you get an approximate outlet temperature of 45°C.

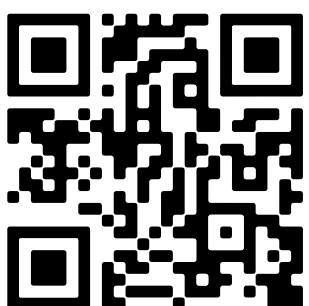
TEMPERATURE RISE CHART

Cold water temperature + temperature rise at certain flow rate = outlet temperature.

Please note that the maximum outlet temperature of each model will never be exceeded.

Model	Rated Output	Flow Rate in L/min													
		1.5	2.5	3	4	4.5	5	6	7	8	9	10	11	12	13
DHE 18 AU	19.4 kW		60 °C	60 °C	60 °C	60 °C	55 °C	45 °C	40 °C	35 °C	31 °C	28 °C	25 °C	23 °C	21 °C
DHE 27 AU	28.0 kW		60 °C	60 °C	60 °C	60 °C	60 °C	60 °C	59 °C	52 °C	46 °C	42 °C	38 °C	35 °C	32 °C
DEL 13 PLUS	14.5 kW			50 °C	50 °C	46 °C	41 °C	35 °C	30 °C	26 °C	23 °C	21 °C	19 °C	17 °C	
DEL 18 PLUS	19.4 kW		50 °C	50 °C	50 °C	50 °C	50 °C	46 °C	40 °C	35 °C	31 °C	28 °C	25 °C	23 °C	21 °C
DEL 27 PLUS	28.0 kW		50 °C	50 °C	50 °C	50 °C	50 °C	50 °C	50 °C	50 °C	44 °C	40 °C	36 °C	33 °C	31 °C
DHB-E 13 LCD	14.5 kW			60 °C	52 °C	46 °C	41 °C	35 °C	30 °C	26 °C	23 °C	21 °C	19 °C	17 °C	
DHB-E 18 LCD	19.4 kW			60 °C	60 °C	60 °C	55 °C	45 °C	40 °C	35 °C	31 °C	28 °C	25 °C	23 °C	21 °C
DHB-E 27 LCD	28.0 kW			60 °C	60 °C	60 °C	60 °C	60 °C	57 °C	50 °C	44 °C	40 °C	36 °C	33 °C	31 °C
DEM 6	6.2 kW		35 °C	30 °C	22 °C	20 °C	18 °C								
DHCE 6/50	7.1 kW	50 °C	41 °C	34 °C	26 °C	23 °C	20 °C	17 °C	15 °C	13 °C	11 °C				
DHCE 8/50	9.5 kW	50 °C	50 °C	45 °C	34 °C	30 °C	27 °C	23 °C	19 °C	17 °C	15 °C				
DHCE 8/60	9.5 kW	60 °C	54 °C	45 °C	34 °C	30 °C	27 °C	23 °C	19 °C	17 °C	15 °C				

*This is intended as a guide only. Installation, pipework and voltages can cause discrepancies.



For the most up to date product information, diagrams and data sheets head to stiebel-eltron.com.au/downloads

