STIEBEL ELTRON

NSW Product Selection Guide

Water heating

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.

Please select 1 column

3-PHASE ELECTRIC INSTANTANEOUS / SINGLE PHASE

Water Heater Model	Ideal Installation	Electrical Loading	Flow Rate & Temperature Rise	H × W × D (mm)	shower(s)	sink(s)	basin(s)
 DHE 27 AU	› Kitchen sink (60°C) › Bathroom (suitable for use with a TMV) › Commercial glass or dish washing › Can accept pre-heated hot water of up to 55°C	28.0 kW 40 Amps per Phase 3 Phase 415 V	Internally electronically controlled. Automatically adjusts flow to deliver right temperature.	466 × 225 × 116	2	2	4
DHE 18 AU		19.4 kW 27 Amps per Phase 3 Phase 415 V			1	2	3
 DEL 27 PLUS (50°C)	› Delivers a maximum water temperature of 50°C (AS3498) › Kitchen sink (50°C) › Bathroom › Eco-Mode - Electronically adjust the flow rate	28 kW 39 Amps per Phase 3 Phase 415 V	18 L/min = 22°C rise (= 2 showers mixed)	466 × 225 × 116	2	2	4
DEL 18 PLUS (50°C)		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 (50°C)		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	› 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	4
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
 DHF 15 C AU	› Engineered as replacement model for similar hydraulically controlled HWS in NSW Recommended for apartments	16.1 kW 22.5 Amps per Phase	6 L/min = 38°C rise (= 1 basin)	370 × 220 × 130	1	1	2
DHF 13 C AU		14.2 kW 19.7 Amps per Phase 3 Phase 415 V	6 L/min = 35°C rise (= 1 basin)		1	1	2
 DHCE 8/60	› 2 Basins › 1 Sink	9.5 kW 40 Amps Single phase 240 V (hard wired)	6 L/min = 23°C rise	360 × 200 × 110	0	1	2
 DHCE 8/50 (50°C)	› 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 (50°C)		7.1 kW 30 Amps Single phase 240 V (hard wired)	6 L/min = 17°C rise		0	0	2
 DEM 6 (50°C)	› 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	1

COMPACT STORAGE

Water Heater Model	Ideal Installation	Electrical Loading	Storage Capacity	H × W × D (mm)
SNU 10 Plus SNU 5 Plus	› 1 kitchen sink › Stores water up to 85°C › Must be fitted with STIEBEL's open vented tapware › Coloured tapware now available	2 kW 8.3 Amps Single phase 240 V (plug in)	10 litres 5 litres	503 × 290 × 282 423 × 240 × 212
 SHC 15 AU SHC 10 AU	› 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 10 litres	523 × 320 × 318 498 × 280 × 270
 HOT 2.6 N Premium	› 1 kitchen sink › Residential approved › Temp between 15°C-95°C › 70 cups per hour › Must be fitted with Stiebel Mono or 3in1 tap	1.6 kW 7.3 Amps Single phase 240 V (plug in)	2.6 litres	450 x 200 x 145

HEAT PUMP

Water Heater Model	Ideal Installation	Electrical Loading	Storage Capacity	H × W × D (mm)
 SHP-O 201 Premium	› House › Suitable for 2-4 people household	0.45 kW, Single phase 240V (AS/NZS 5125.1) with an Active Defrost Function	200 litres	ø 650 1478
SHP-O 301 Premium	› House › Suitable for 4-6 people household	0.44 kW, Single phase 240V (AS/NZS 5125.1) with an Active Defrost Funciton	300 litres	ø 650 1903
 SHP-O 200 Plus	› House › Suitable for 2-3 people household	0.45 kW, Single phase 240V (AS/NZS 5125.1)	200 litres	ø 650 1478
SHP-O 300 Plus	› House › Suitable for 4-6 people household	0.44 kW, Single phase 240V (AS/NZS 5125.1)	300 litres	ø 650 1903

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

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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 NSW
approx. average of 18°C

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 18°C in Sydney, and you get an approximate outlet temperature of 49°C.

For the most up to date product information, diagrams and data sheets, head to

stiebel-eltron.com.au/downloads

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.

		Flow Rate in L/min													
Model	**Rated Output**	**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.

Have we sparked your interest? For further information visit www.stiebel.com.au or call our service team on 1800 153 351.

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